

THE UNIVERSITY OF MANITOBA

THE EFFECTS OF CHANGING PRICES AND COSTS ON THE LEVEL
AND DISTRIBUTION OF AGRICULTURAL PRODUCTION IN
MANITOBA: A LINEAR PROGRAMMING ANALYSIS

by

LAURENCE BRUCE BELL BAKER

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A dissertation submitted to the Faculty of Graduate Studies of
the University of Manitoba in partial fulfillment of the requirements
of the degree of

MASTER OF SCIENCE

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ABSTRACT

THE EFFECTS OF CHANGING PRICES AND COSTS ON THE LEVEL
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LAURENCE BRUCE BELL BAKER

MAJOR ADVISOR(S): Dr. C. F. Framingham
Dr. James A. MacMillan

The migration which for many years has been under way from rural to urban communities, has necessitated change in both the number and size of those farms remaining in operation. As farm units increase in size they become more capable of supporting those farmers, and their families, who operate them; even in years of low commodity prices. Those farmers in the smaller size categories however have become a concern of governments. Thus programs such as the Farm Diversification Program (Provincial) and the Small Farm Development Program (Federal) were set up to aid those smaller farm units, especially in the lean years.

This thesis was therefore initiated with three general objectives which are to investigate per farm income, employment and capitalization levels, by region in Manitoba under a) 1971 commodity and factor prices, b) 1974 commodity

and factor prices, and c) to examine the feasibility and effectiveness of farm income stabilization programs, such as the two mentioned above.

The analytical technique chosen for the study is linear programming, with the model being specified by a) region (14), b) farm size (3), c) soil type (3), and d) commodity (41). Transportation activities are specified to move feed grains and intermediate livestock products (such as weaned calves and stocker cattle) into regions which have a deficit.

The general findings of the study are as follows:

1. In years of low grain prices (such as 1971) farms in each size class require supplementation of income by some other means than just farming.

2. In years such as 1974 with high grain prices, both large (greater than 760 acres) and medium sized farms (240 - 759 acres) provide adequate income and employment levels without supplementation.

3. Stabilization programs such as the Farm Diversification Program will have their greatest impact in years with low grain prices (for example 1971).

An interesting result given by the model is that it is possible in a year such as 1971 to raise income levels on the medium sized farms from negative levels to zero by an increase of beef production. There would appear to be feed grain and pasture capacity within the province to allow a large increase in the provincial beef herd. However,

it would seem unreasonable to expect that increases in the provincial beef herd could reach the levels suggested in the results within a short (for example five years) time span, due to constraints on capital and management capabilities.

Manitoba agriculture suffers from a "wheat psychosis" in that in years such as 1971 when grain prices are low, there is a strong move into livestock production. Then when grain prices reach new highs as in 1974, livestock production is forsaken for wheat (and other grain) production. The results given in this thesis indicate that well managed mixed farming should be considered as a viable alternative to the traditional single enterprise crop or livestock farms.

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CHAPTER 1

INTRODUCTION

1.1 Problem Statement

A rural to urban migration has been under way for many years and it is evidenced in Manitoba in part by a decline in farm numbers as shown in Table 1. Thus farms are becoming fewer in number and, due to the resulting amalgamation of farms, the average farm size is increasing. Also illustrated in Table 1 is the percentage distribution of census farms in Manitoba by farm size for the years 1951-1971. The farm sizes shown in Tables 1 are those included in the analysis.

As a result of this decrease in farm numbers there are two distinct groups of rural to urban migrants. The first group comprises those farmers and their families who are leaving active farming and the second group comprises those people who are leaving from the agricultural service sector.

The reasons for the decreasing number of farms are almost entirely due to the economic situation faced by the farmers. Either farmers cannot earn what they regard as a fair return in the rural area relative to what they feel they could earn in an urban area; or the farm

Table 1

Number of Census Farms in Manitoba
by Farm Size*: 1951-1971

Year	----- Farm Size -----			Total
	Small	Medium	Large	
1951 ^b	21,004 (40.10) ^a	27,967 (53.39)	3,412 (6.51)	52,383 (100.00)
1956 ^b	17,319 (35.20)	27,484 (55.86)	4,398 (8.94)	49,201 (100.00)
1961	13,131 (30.32)	25,255 (58.32)	4,920 (11.36)	43,305 (100.00)
1966	10,872 (27.35)	22,503 (56.62)	6,372 (16.03)	39,747 (100.00)
1971	8,782 (25.10)	18,784 (53.70)	7,415 (21.20)	34,981 (100.00)

* The classification of farm sizes is as follows: a) Small - less than 240 acres, b) Medium - 240 to 760 acres, and c) Large - more than 760 acres.

^a Figures in brackets denote the percentage distribution of farms by size within each year.

^b The distribution of the total number of farms (49,201) by size in 1956 was derived by using the simple average of the percentage distributions for 1951 and 1961.

SOURCES:

- 1951-1966. Statistics Canada. Census of Canada 1966. Catalogue No. 96-608. Vol. 5 - Part 1 (Ottawa: Queen's Printer, April 1968).
1971. Statistics Canada. Census of Canada 1971. Catalogue No. 96-708. Vol. IV - Part 3 (Ottawa: Queen's Printer, May 1973).

is already in a loss situation and a move to an urban area guarantees better welfare support.

The rural non-farm population is migrating to the urban areas due to one of the two reasons:

1. as the farm numbers diminish their jobs become less necessary because fewer service centres are required to service the smaller number of farms, or
2. they feel that the jobs which they have at present cannot supply them with an adequate income and standard of living,¹ relative to that which they could achieve in an urban area.

1.2 Initiation of the Research

Given these changes in farm numbers and farm size, interest was generated in the underlying causes. Thus in 1971 the Manitoba Department of Agriculture contracted with Dr. W. J. Craddock of the University of Manitoba (Department of Agricultural Economics) to carry out an inter-regional study of the Province's agricultural sector. The objectives of this study were to determine income and employment levels for farmers, taking account of regional

¹Standard of living includes, type of housing, health care, education, variety of entertainment and social benefits in general.

and farm size differences with respect to levels and costs of production and to consider alternative strategies for improvement of farm income levels.

With 1971 as the base year, results were generated to show what might be expected to take place, with respect to the distribution of Provincial agricultural production within a five year period.² Since 1971, prices of agricultural commodities and input costs have greatly increased. Therefore it is critical to determine the effects on agricultural production by region which may be attributed to price effects relative to the 1971 trend.

As an example of the increased prices and costs; the realized price of wheat (basis Thunder Bay) in 1971 was \$1.56 per bushel and by 1974 the price had risen to \$4.54 per bushel. In 1971 the average cost of nitrogen fertilizer was \$188.20 per ton and by 1974 this had risen to \$288.20 per ton.

With the changes in the price of wheat and the cost of nitrogen fertilizer from 1971 to 1974 there was a corresponding change in the per acre Net Income for growing wheat. Table 2 shows this comparison for the

²C.F. Framingham, W.J. Craddock, and L.B.B. Baker. Alternative Futures for Manitoba Agriculture: A Linear Programming Analysis of Agricultural Income, Employment, Price, Production and Farm Size Policy Alternatives. Research Bulletin (Winnipeg: Department of Agricultural Economics, University of Manitoba, October 1976), in draft.

Table 2

Comparison of Per Acre Net Income for Growing
Wheat on Sandy Soil in Manitoba's Crop
Reporting District No. 1, by Farm Size:
1971 and 1974

Year	Farm Size		
	Small	Medium	Large
Dollars per Acre			
1971	0.76	6.84	8.68
1974	62.61	69.67	71.95

SOURCES:

1971 - Net Income values taken from the report by Framingham, et. al. (op. cit. Appendix A Table 35). The cost of production figures employed to derive these net income figures are illustrated in Appendix A Table 4 of the report by Framingham, et. al., op. cit.

1974 - Net Income values are given in Appendix A Table 34 of this thesis. The corresponding cost of production figures are given in Appendix A Table 3 of this thesis.

three farm sizes included in the analysis,³ for growing wheat on sandy soil in Crop Reporting District No. 1.⁴ These per acre net income figures are employed in solving the linear programming model as they indicate the relative attractiveness of producing wheat versus other commodities. When a solution is reached (which maximizes total net revenue for the province), the amount of each commodity produced (in this example the commodity is wheat) is expressed in physical terms. The solution values per farm for wheat production corresponding to the net income values in Table 2 are given in Appendix B Table 104 for 1971 as follows: small sized farm --710 bushels, medium sized farm--1,787 bushels and large sized farm--6,362 bushels. The values for 1974 are given in Appendix C Table 130 as follows: small sized farm--801 bushels, medium sized farm--2,270 bushels and large sized farm--6,362 bushels.

The Model developed in the paper by Framingham, et. al.,⁵ was employed to generate a solution titled "Present Trends" based on 1971 prices and costs. The

³Small (\leq 239 acres), Medium (240-759 acres), Large (\geq 760 acres).

⁴A map of Manitoba showing the location of the Crop Reporting Districts included in the analysis is presented in Figure 2.6 in chapter 2.

⁵Framingham, Craddock and Baker, op. cit.

criterion used in explaining this solution is that the results indicate what income and employment levels would be expected on different sized farms on a regional basis; assuming that prices and costs would remain at similar levels to those experienced in 1971. No one at that time envisaged that prices and costs would increase at the rate experienced between 1971 and 1974. Therefore this thesis was proposed as a means whereby new results (based on 1974 prices and costs) could be produced to investigate their effect on a) the volume and distribution of agricultural production in Manitoba, and b) farm income and employment levels. Therefore although migration is not investigated in this thesis; the causes such as a) income levels, and b) underemployment on farms, are.

1.3 Policies and Programs

Both the Federal and Provincial governments have proposed and in some cases implemented programs designed to aid the rural agricultural sector. One of the policies which has received a great deal of attention in Manitoba is the "Stay Option" which is outlined in Guidelines for the Seventies⁶ as: -

"an attempt....to provide people in Winnipeg and Rural and Northern Manitoba with the opportunity to

⁶Province of Manitoba, Guidelines for the Seventies, Vol. 1. (Winnipeg: Queen's Printer, March 1973).

live and work without disadvantage in the particular region of the province in which they have their roots."⁷

For this policy to be effective however, programs have to be employed and the two with the highest participation in Manitoba at the present time are the Farm Diversification Program and the Small Farm Development Program.

The Farm Diversification Program is designed to encourage farmers to diversify their operations by either including livestock or increasing their existing herds.⁸ Those farmers receiving aid under this program have gross output figures between \$5,000 and \$15,000 per year which corresponds to the medium farm size class considered in this study.

1.4 Study Objectives

The examples of price (wheat), cost (nitrogen fertilizer), and income changes from 1971 to 1974, as shown in the previous section do not by themselves reflect what changes took place during the three year period with respect to all prices and costs.

⁷Ibid., p. 14.

⁸An increase in the total volume of livestock in the province is only one aim of this program. Along with this a great deal of emphasis is being placed on increasing the efficiency of the individual farmer's management practices.

As mentioned prices rose during this period, but the percentage changes differ with each commodity. For example the increase in the price of wheat was 191 percent while that for nitrogen fertilizer was 53 percent. The selling price for stocker calves rose by 4 percent while market hog prices rose by 102 percent.⁹ Because of this situation it is difficult even to hypothesize what effect changing prices and costs would have on farm income and employment levels in Manitoba. This situation is further complicated due to the interrelationships between enterprises.

An example of this may be seen when grain crops are considered with livestock production. As the selling prices of grain crops rose dramatically from 1971 to 1974, and as is illustrated in Table 48 at a greater rate than the increase in the cost of the factors of production; the growing of these crops became more attractive to the producer. As previously shown, the increase in the price of livestock products rose but not by the same degree as did crops. Therefore was livestock more or less competitive than crops in 1974? One might expect that livestock production was adversely affected because feed grain prices

⁹Percentage change figures, for commodity and factor prices between 1971 and 1974, are given in Table 48 in Chapter 5 of this thesis.

rose by a larger percent than did the selling price of livestock products.

Hence the explicit objectives of this study are outlined as follows:

1. To analyse the impact of price and cost changes which occurred between 1971 and 1974 on a) the distribution of agricultural production among Manitoba Regions, b) the level of net farm income and returns to capital and labor, and c) the competitiveness among agricultural products.
2. To analyse the impact of potential future price and farm size changes on a) through c) above.
3. To measure the capital requirements associated with income maximization by farm size, given the adjustment constraints.

1.5 Thesis Outline

This first chapter has been an attempt to outline the general problem, and the objectives of this thesis which are to investigate some of the causes. The section on the original initiation of the research, by Dr. W.J. Craddock, has been included to put this study in perspective and to show the need for continuing the research.

Chapter two contains a section on the relationship between linear programming and economic theory as it relates to the technique. This should prove useful to those

readers with a limited background concerning this technique. The model is presented in mathematical form and the equations are explained. The study regions are explained in the text as well as with two maps.

The data is presented, along with the procedures for their estimation in chapter three.

The analysis conducted and the results generated are presented and explained in chapter four.

Chapter five presents the conclusions for the study.

Study limitations and suggestions for further research are presented in chapter six.

Five appendices are added to this thesis to present data tables (Appendix A), and the detailed result tables (Appendices B, C, D and E).

CHAPTER 2

MODEL SPECIFICATION

2.1 General Format

The model developed by Framingham, et al.,¹⁰ is detailed in a separate section of this chapter. It is a static interregional linear programming type model with 1,234 rows and 2,750 columns. Linear programming was chosen as the analytical technique for the research because of certain characteristics. First, it is a normative technique in that it indicates in the solutions what should happen, not what with certainty will happen. Second, it was possible to build into the model the interregional characteristic with the inclusion in the model of transportation activities.

The model is static in that it employs a base year and produces estimates for only one time period in the future. For the 'present trend' solutions the physical production levels for each activity are allowed to fluctuate from 80 to 120 percent of the 1971 values. These values were chosen as the lower and upper limits respectively, below and above which production was not

¹⁰Framingham, Craddock and Baker, op. cit.

allowed to exceed, based on the assumption that that is the maximum adjustment feasible over a planning period of five years.¹¹

For the 'constrained optimum 1971' solution the upper limit restraint levels for the medium sized farms for calves, stockers and feeder cattle from the beef herd were removed.¹² The lower and upper limits for the other activities were kept at 80 and 120 percent of the 1971 levels respectively. Also a lower limit was set at equal to zero on the income row for the medium sized farms. This is an approximation related to the Farm Diversification Program's objectives which are to help the medium sized farms, with gross output of \$5,000-\$15,000 per annum, through a build-up of livestock production.

The model for this thesis is identical with that developed by Framingham, et al.,¹³ with one exception. This model at its present stage of development takes no explicit account of the level of operating capitalization

¹¹The fluctuation allowed for production levels was considered reasonable to ensure that a representative mix of enterprises in each region would occur in any solution of the model.

¹²The upper restraint level of 120 percent of the 1971 levels for these livestock types from the dairy herd was maintained. If this had also been removed then excess milk production would result.

¹³Framingham, Craddock and Baker, op. cit.

for each farm size. Operating capital requirements were calculated when the data was generated for each activity prior to solving the linear program. However the model is not capable of indicating how much operating capital is required to produce the resulting output for either the 'present trend' or the 'constrained' solutions.

Therefore in this thesis the model is modified to provide this capability with the introduction of a capital row¹⁴ for each farm size in each crop district. This results in an increase in the number of rows in the model to 1,318 from 1,234. This capital row contains a coefficient for each activity in the model which has an operating capital component. These coefficients will be the calculated quantity of operating capital required to produce one unit of product; (e.g.) a bushel of grain or one animal.

Thus each time the level of a particular activity in the solution increases by one unit, the capital row total is increased by the corresponding operating capital coefficient. Therefore the final solutions indicate the income and employment levels for each farm size and the level of operating capital required to produce that income.

¹⁴This operating capital constraint is identified as equation (15) in the section of this chapter concerning the mathematical model.

As described, the capital row is simply of an accounting nature and it has no effect upon the solutions as no upper restraint level is specified for it. By specifying other restraint levels for this row it would be possible to change the solutions but this will not be considered in this thesis.

2.2 Linear Programming¹⁵ and Economic Analysis¹⁶

The purpose of this section is to indicate the relationship between the economic analysis and linear programming as they relate to this thesis. Special reference is made, using examples, to indicate the effect which changing commodity prices and input costs have on solutions of the linear programming model.

¹⁵The following references are recommended reading to gain an understanding of linear programming:- William J. Baumol, Economic Theory and Operations Analysis (3rd ed.; Englewood Cliffs: Prentice-Hall Inc., 1972), chapter 12. Alpha C. Chiang, Fundamental Methods of Mathematical Economics (2nd ed.; New York: McGraw-Hill Book Co., 1974), chapters 18 and 19. Robert Dorfman, Paul A. Samuelson, and Robert M. Solow, Linear Programming and Economic Analysis (New York: McGraw-Hill Book Co., 1958). Saul I. Gass, Linear Programming (3rd ed.; New York: McGraw-Hill Book Co., 1969). Earl O. Heady and Wilfred Candler, Linear Programming Methods (Ames: The Iowa State University Press, 1969). Chaiho Kim, Introduction to Linear Programming (New York: Holt, Rinehart and Winston Inc., 1971).

¹⁶The following references were used for the economic analysis of this chapter:- C. E. Ferguson, Micro-economic Theory (3rd ed.; Homewood: Richard D. Irwin Inc., 1972). Bo Södersten, International Economics (New York: Harper and Row, 1970).

General equilibrium theory may be employed to explain these relative effects of price changes if the assumption is made that the production functions are homogeneous of degree one. Figure 2.1 shows an Edgeworth box diagram illustrating the case of producing two goods (oats and feeder cattle), employing two factors (labor and land).

The contract curve, as shown in the diagram is below and to the right of the diagonal line OO' . This indicates that oats is the land intensive good and feeder cattle is the labor intensive good, which is to be expected. This contract curve joins all points where the oats and feeder cattle isoquants are tangent to one another. The oats isoquants are indicated as C_1C_1 , C_2C_2 and C_3C_3 while the feeder cattle isoquants are T_1T_1 , T_2T_2 and T_3T_3 .

The concept of the Edgeworth box is a useful one when considering linear programming as the sides of the box indicate how much of each resource is available to be used for the production of the competing commodities. By changing the amount of available resources, the length of the sides of the box will change. Thus when the model for this thesis is considered there are really three boxes, one inside of the other. One box representing available resources for each farm size.

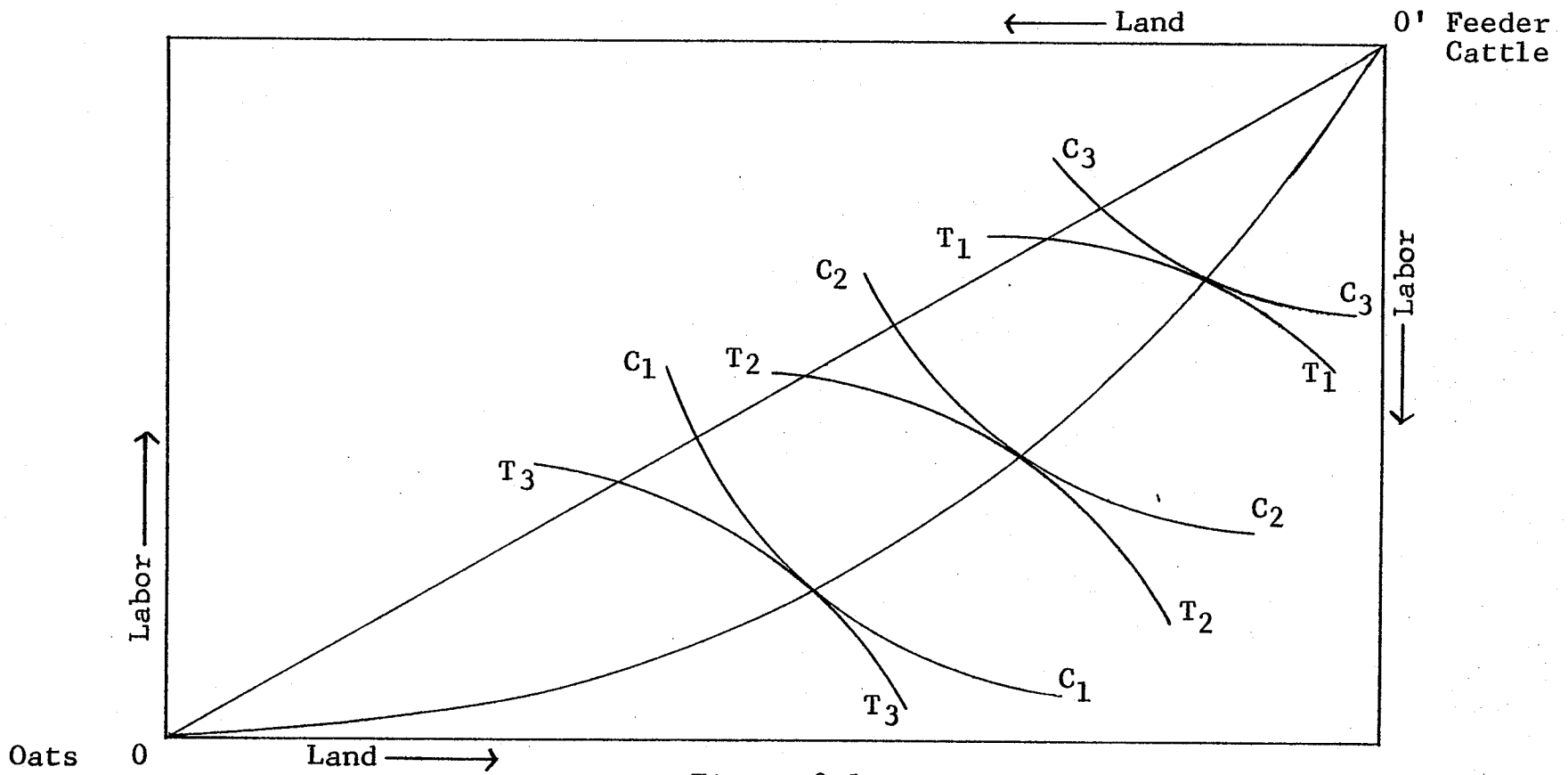


Figure 2.1
Edgeworth Box: Two Commodities
and Two Factors.

A production-possibility curve can be derived from the Edgeworth box diagram which is useful for illustrating the effect of commodity price changes. This derived curve is shown in Figure 2.2. The production-possibility curve in Figure 2.2 is ZZ' with output of oats on the vertical axis and output of feeder cattle on the horizontal axis. If the initial price line is PoPo, with a slope of $-\frac{\text{Price of Feeder Cattle}}{\text{Price of Oats}}$, the initial equilibrium position will be at A where PoPo is tangent to ZZ'. At point A the resulting output of oats is a and of feeder cattle is b.

If however the price of oats rises relative to the price of feeder cattle, the slope of the price line will flatten out, as illustrated by P₁P₁ and the equilibrium position moves from A to B where P₁P₁ is now tangent to ZZ'. At B the output of oats is now a' and the output of feeder cattle has declined to b'. Because the production-possibility curve, as illustrated in Figure 2.2 has a smooth shape very small relative changes in oats and/or the feeder cattle prices will have an effect on the solution values of these two commodities.

When considering the same two commodities in production (oats and feeder cattle) in a linear programming problem which is to maximize revenue; the production-possibility curve is the outside edge of the Feasible Region. This situation is illustrated in Figure 2.3. In this example the two commodities have to be produced

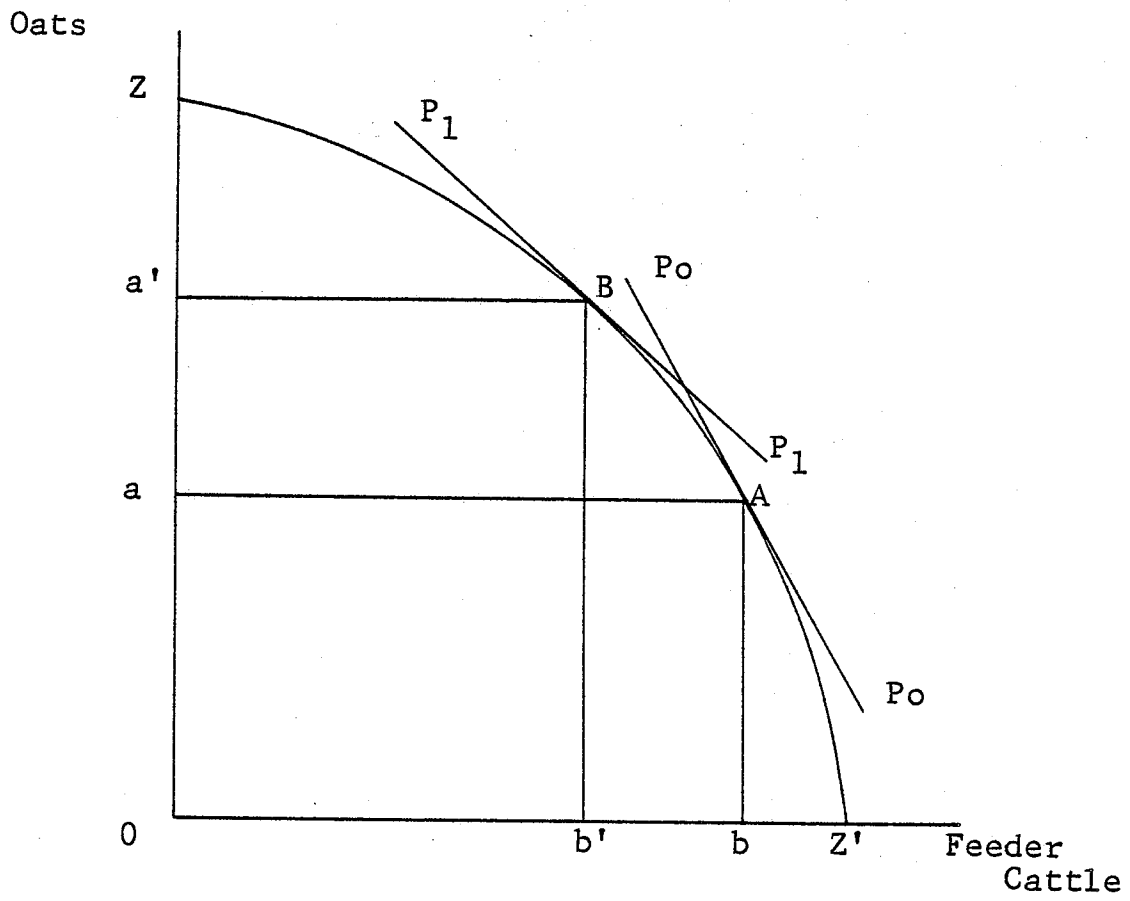


Figure 2.2

Production-possibility Curve for Two Commodities.

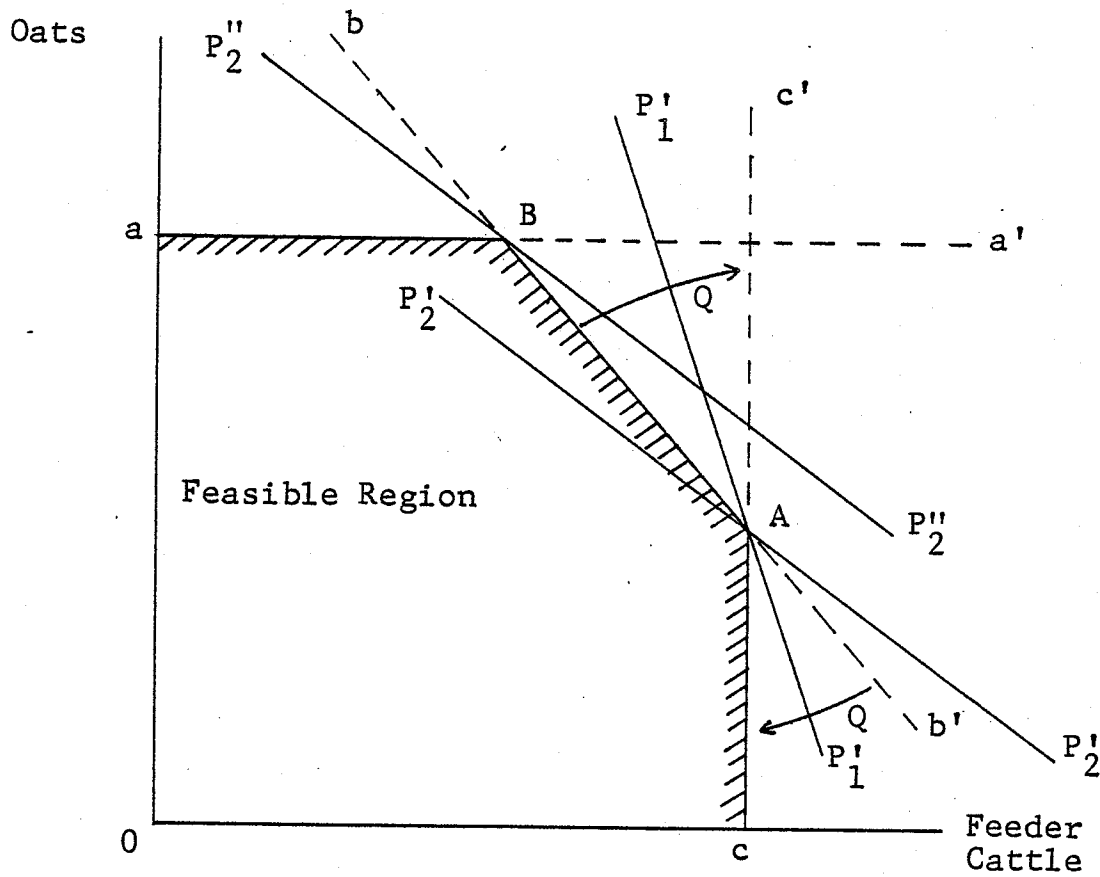


Figure 2.3

Feasible Region: Two Commodities,
Three Restraints.

subject to three linear restraints shown as aa' , bb' and cc' , which bound the feasible region. As can be seen these restraints approximate the production-possibility curve ZZ' in Figure 2.2.

These linear segments of the production-possibility curve illustrate an interesting point in linear programming with respect to the effect of the relative price changes. In Figure 2.3 the initial equilibrium position is at A where $P_1'P_1'$ is tangent to the boundary of the feasible region. As was shown in economic theory, a very small change in the relative prices will upset the equilibrium position. In Figure 2.3 however the line $P_1'P_1'^*$ can move between bb' and cc' , pivoting at A without upsetting the solution values of the commodities. This area of movement is shown as Q and is that amount of movement which can take place in the relative prices which is tested for by sensitivity analysis.

In this example for a change in the solution to take place the C.J. line $P_1'P_1'$ must flatten out more than the slope of the linear segment BA, to one such as $P_2'P_2'$. If this new C.J. line has a slope like $P_2'P_2'$ then the

*This line ($P_1'P_1'$) is not strictly a commodity price line as in Figure 2.2, but a line showing the relative C.J. values of the two commodities. The C.J. values are the net returns for the commodities and thus changes in both commodity and factor prices will affect the slope of $P_1'P_1'$.

solution position will move to point B where line $P_2''P_2''$ (parallel to $P_2'P_2'$) touches the boundary of the feasible region.

In this case with only three linear segments for the boundary of the feasible region, the flexibility of the C.J. line is great. As more restraints are added however, then the closer the boundary of the feasible region approximates the smooth production-possibility curve ZZ' in Figure 2.2. This situation is illustrated in Figure 2.4 where oats and feeder cattle have to be produced subject to seven restraints.

If the initial equilibrium position is at A, with a C.J. line touching the boundary of the feasible region at that point; then this C.J. line can only pivot on A within the segment shown as Q before the solution position moves to either B or C. Thus in this example the solution position is much more sensitive to price changes than for the example depicted in Figure 2.3.

The examples and diagrams presented in this section are simplifications so that they can be illustrated in two dimensions. With more than two commodities, as with this model which has 41, it is necessary to consider n dimensional rather than two dimensional space. The concept of the effect of commodity and factor price changes is essentially the same.

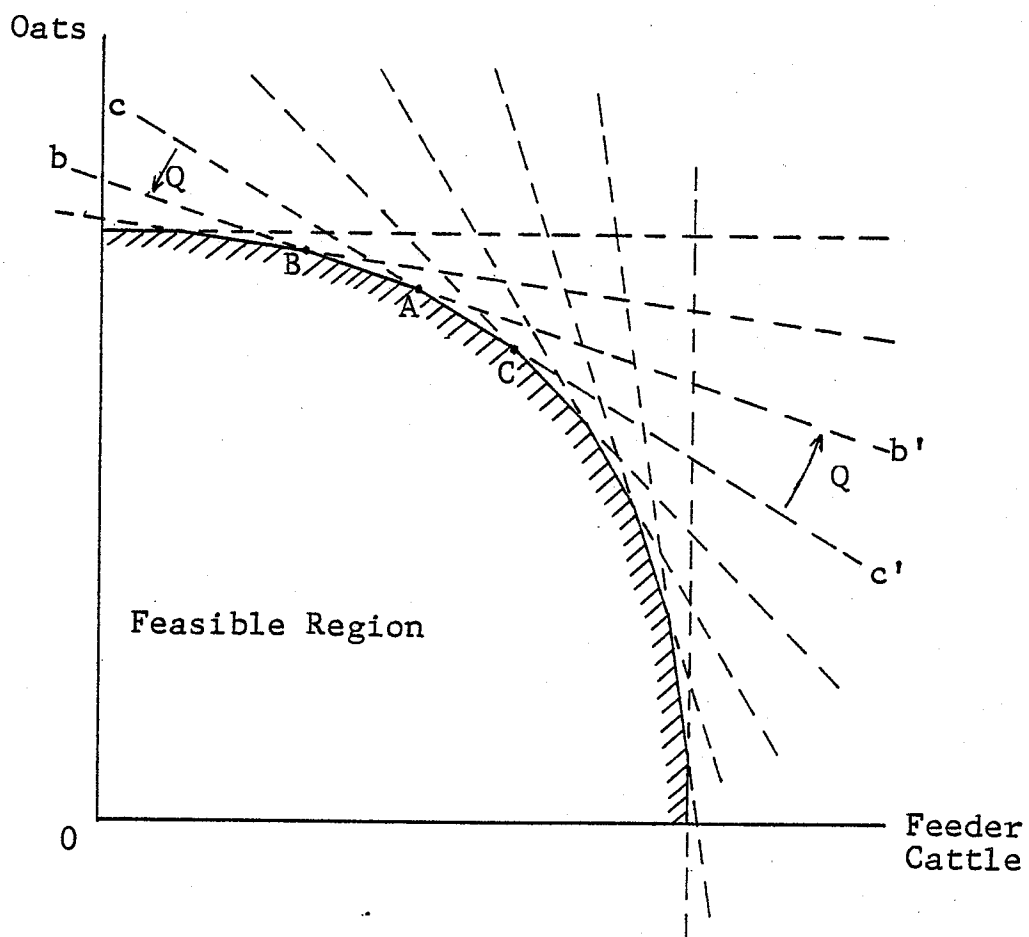


Figure 2.4

Feasible Region: Two Commodities,
Seven Restraints.

2.3 Mathematical Model

As stated in the first section of this chapter an interregional linear programming type model was developed by Framingham, et al.,¹⁷ which is employed in this thesis, with the addition of the capital row.

It provides for explicit consideration of employment and income on a farm size specific basis. This is achieved through:

1. Labor constraints by farm type included in the model. The specification of lower bounds on labor requirements by farm size provides the capacity to require that agricultural employment be at or above a given level.
2. Net income¹⁸ constraints by farm type included in the model.

As a result, it is possible to constrain agricultural production in a context requiring that all costs of production be covered on any one or all farm types.¹⁹

In addition to these two specific features, the model provides for specification of agricultural commodity demand categories, corresponding production alternatives

¹⁷Framingham, Craddock and Baker, op. cit.

¹⁸Returns to management plus profit.

¹⁹Such specification is equivalent to the requirement that pure profits plus returns to management be non-negative.

and regional production constraints on a farm size specific basis. As well, land constraints in the model are specific to soil type and the effect of commodity price changes can be analyzed.

An algebraic statement of the agricultural production analysis model is as follows:

Maximize the objective function

$$Y = \sum_{i=1}^{14} \sum_{j=1}^3 \sum_{k=1}^3 \sum_{p=1}^{40} r_{ijkp} X_{ijkp} - \sum_{i=1}^{14} \sum_{v=1}^{14} \sum_{p=14}^{16} t_{vip} T_{vip} \quad (1)$$

$$- \sum_{i=1}^{14} \sum_{v=1}^{14} \sum_{p=17}^{41} c_{vip} A_{vip}$$

subject to the following constraints:

Land Availability

$$\sum_{j=1}^3 \sum_{p=1}^{40} a_{ijkp} X_{ijkp} \leq L_{ik} \text{ for all } i \text{ and } k \quad (2)$$

Regional and Provincial Commodity Maximums and Minimums

$$\sum_{k=1}^3 b_{ijkp} X_{ijkp} \geq R_{ijp} \text{ for all } i \text{ and } j \text{ and for } p= 1-9, \quad (3)$$

18-20,
26-28,
33, 34,
36-40.

$$\sum_{k=1}^3 b_{ijkp} X_{ijkp} \leq R'_{ijp} \text{ for all } i \text{ and } j \text{ and for } p= 1-9, \quad (4)$$

18-20,
26-28,
33, 34,
36-40.

$$\sum_{i=1}^{14} \sum_{j=1}^3 \sum_{k=1}^3 b_{ijkp} X_{ijkp} \geq P_p \text{ for } p = 1-9, 17, 20, 25, 34, 36-40. \quad (5)$$

$$\sum_{i=1}^{14} \sum_{j=1}^3 \sum_{k=1}^3 b_{ijkp} X_{ijkp} \leq P'_p \text{ for } p = 1-9, 17, 20, 25, 34, 36-40. \quad (6)$$

Income Constraints

$$\sum_{k=1}^3 \sum_{p=1}^{40} y_{ijkp} X_{ijkp} \geq Y_{ij} \text{ for all } i \text{ and } j \quad (7)$$

Labor Constraints

$$\sum_{k=1}^3 \sum_{p=1}^{40} l_{ijkp} X_{ijkp} \geq LH_{ij} \text{ for all } i \text{ and } j \quad (8)$$

Livestock Feed Supplies

$$\sum_{j=1}^3 \sum_{k=1}^2 \sum_{p=11}^{13} m_p b_{ijkp} X_{ijkp} - \sum_{j=1}^3 \sum_{p=17}^{40} f_p X_{ij3p} \quad (9)$$

$$+ \sum_{p=14}^{16} m_p \sum_{v=1}^{14} T_{vip} - \sum_{p=14}^{16} m_p \sum_{v=1}^{14} T_{ivp} = 0 \text{ for all } i$$

Intermediate Livestock Commodity Supplies

$$\sum_{j=1}^3 s_{ij3pq} X_{ij3p} - \sum_{j=1}^3 s'_{ij3pq} X_{ij3p} + \sum_{v=1}^{14} A_{vip} \quad (10)$$

$$- \sum_{v=1}^{14} A_{ivp} = 0 \text{ for all } i \text{ and } q \text{ and for } p = 17-41$$

Supplies of Feed Grain for Sale

$$\sum_{j=1}^3 \sum_{k=1}^2 b_{ijkp} X_{ijkp} - \sum_{v=1}^{14} T_{ivp} = 0 \text{ for all } i \text{ and for } (11)$$

$$p = 14, 15, 16$$

Minimum Oats in Livestock Rations

$$\sum_{j=1}^3 \sum_{k=1}^2 m_{12} b_{ijk12} X_{ijk12} - \sum_{p=17}^{40} f'_{lp} X_{ij3p} + m_{15} T_{iv15} \quad (12)$$

$$- m_{15} T_{iv15} \geq 0 \text{ for all } i \text{ and } v$$

Minimum Barley in Livestock Rations

$$\sum_{j=1}^3 \sum_{k=1}^2 m_{13} b_{ijk13} X_{ijk13} - \sum_{p=17}^{40} f'_{2p} X_{ij3p} + m_{16} T_{iv16} \quad (13)$$

$$- m_{16} T_{iv16} \geq 0 \text{ for all } i \text{ and } v$$

Hay Supplies

$$\sum_{j=1}^3 b_{ij3,10} X_{ij3,10} - h_p X_{ij3p} = 0 \text{ for all } i \text{ and for } (14)$$

$$p = 17-32, 36, 37.$$

Operating Capital Requirement

$$\sum_{k=1}^3 \sum_{p=1}^{41} Z_{ijkp} X_{ijkp} \geq 0 \text{ for all } i \text{ and } j \quad (15)$$

with the subscripts identified as follows:

i and v = regions 1-14

j = farm and enterprise sizes 1-3

k = soil types; 1-2 are crop land; 3 is
pasture land

p = commodity produced; $p = 1-9$ are crops
produced for sale to final provincial
demand or for export; $p = 10$ is hay;
 $p = 11-13$ are cereals produced for feed
within a region; $p = 14-16$ are cereals
produced for sale as feed in other
regions; and $p = 17-41$ are livestock
commodities

q = intermediate livestock commodities 1-6

r = cereal feed types 1-2

and with the variables identified as follows:

Y = net revenue

r_{ijkp} = net revenue from the production of one
unit of commodity p in region i on farm
size j and soil quality k

X_{ijkp} = the quantity of commodity p produced in
region i on farm size j and soil quality
 k

t_{vip} = transportation cost per unit of crop
commodity p transported from region v to
region i

- T_{vip} = quantity of crop commodity p transported from region v to region i
- c_{vip} = transportation cost per unit of livestock of commodity type p produced on farms in region v transported to farms in region i
- A_{vip} = number of livestock animals of commodity type p produced on farms in region v transported to farms in region i
- L_{ik} = land with soil quality k available in region i
- a_{ijkp} = the commodity p per unit requirement for land in region i on farm size j and soil quality k
- R_{ijp} = the minimum level of production of commodity p allowed in region i on farms with enterprise size j
- R'_{ijp} = the maximum level of production of commodity p allowed in region i on farms with enterprise size j
- b_{ijkp} = per unit yield of commodity p in region i on farms of size j and soil quality k
- P_p = minimum provincial consumption plus export demand for commodity p
- P'_p = maximum provincial consumption plus export demand for commodity p
- Y_{ij} = minimum income requirement for farms of size j in region i

y_{ijkp} = net revenue from commodity p produced in region i on farms of size j and soil quality k

LH_{ij} = minimum labor hours required on farms of size j in region i

l_{ijkp} = labor hours required per unit of commodity p produced on soil of quality k on farms of size j in region i

m_p = metabolizable energy provided per unit of commodity p produced

f_p = metabolizable energy required per unit of commodity p produced

s_{ijkpq} = supply of intermediate livestock inputs of type q produced per unit of commodity p produced on soil quality k on farms of size j in region i

s'_{ijkpq} = amount of intermediate livestock inputs of type q required per unit of commodity p produced on soil quality k on farms of size j in region i

f'_{rp} = minimum requirement for feed of type r per unit of commodity p produced

h_p = hay requirement per unit of commodity p produced

Z_{ijkp} = quantity of operating capital required to produce a unit of commodity p in region i on farms of size j and soil quality k.

2.4 Study Regions

Application of the model to analysis of policy impacts on region specific objectives for Manitoba regions required prior specification of provincial regions. The criteria employed in that specification were:

1. The concept of functional economic areas.²⁰
2. Compatibility with established administrative regions of the provincial government's Department of Agriculture.²¹

Given the regional analysis research results developed by Maki and MacMillan and the recently specified boundaries for each of the five administrative regions of the Manitoba Department of Agriculture, the study regions illustrated in Figure 2.5 were specified. Given the intraregional variability in production practices and soil productivity, subregions corresponding to Manitoba crop districts (see Figure 2.6) were identified in each region in order to

²⁰Prior analysis of regional systems in Manitoba conducted by Maki and MacMillan facilitated satisfaction of that criterion. See Wilbur R. Maki and James A. MacMillan, Regional Systems for Development Planning in Manitoba, Research Bulletin No. 70-1. (Winnipeg: Department of Agricultural Economics, University of Manitoba, September, 1970).

²¹The Manitoba Department of Agriculture is the government department primarily responsible for agriculture and rural development in the province. Therefore, the ultimate usefulness of the study results is dependent on the ability of departmental staff to utilize the results in the context of their administrative regions.

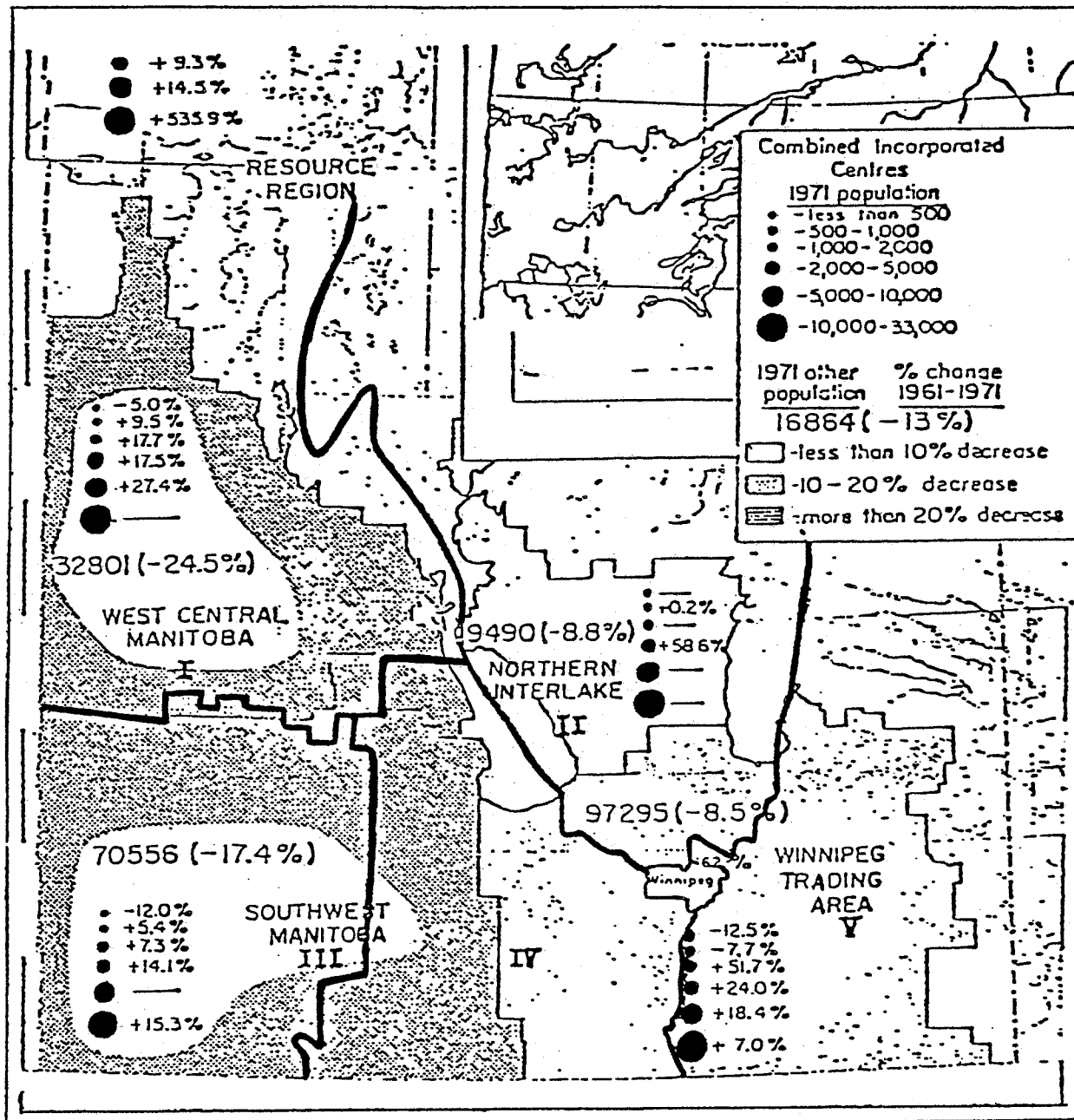


Figure 2.5

Study Regions and Descriptive Information
Indicative of Current Demographic
Conditions and Trends^a

^aThe five study regions corresponding to administrative regions of the Manitoba Department of Agriculture are indicated by the wide boundary lines. The other regions and related demographic information are those delineated by Maki and MacMillan and are included to provide the reader with descriptive background information.

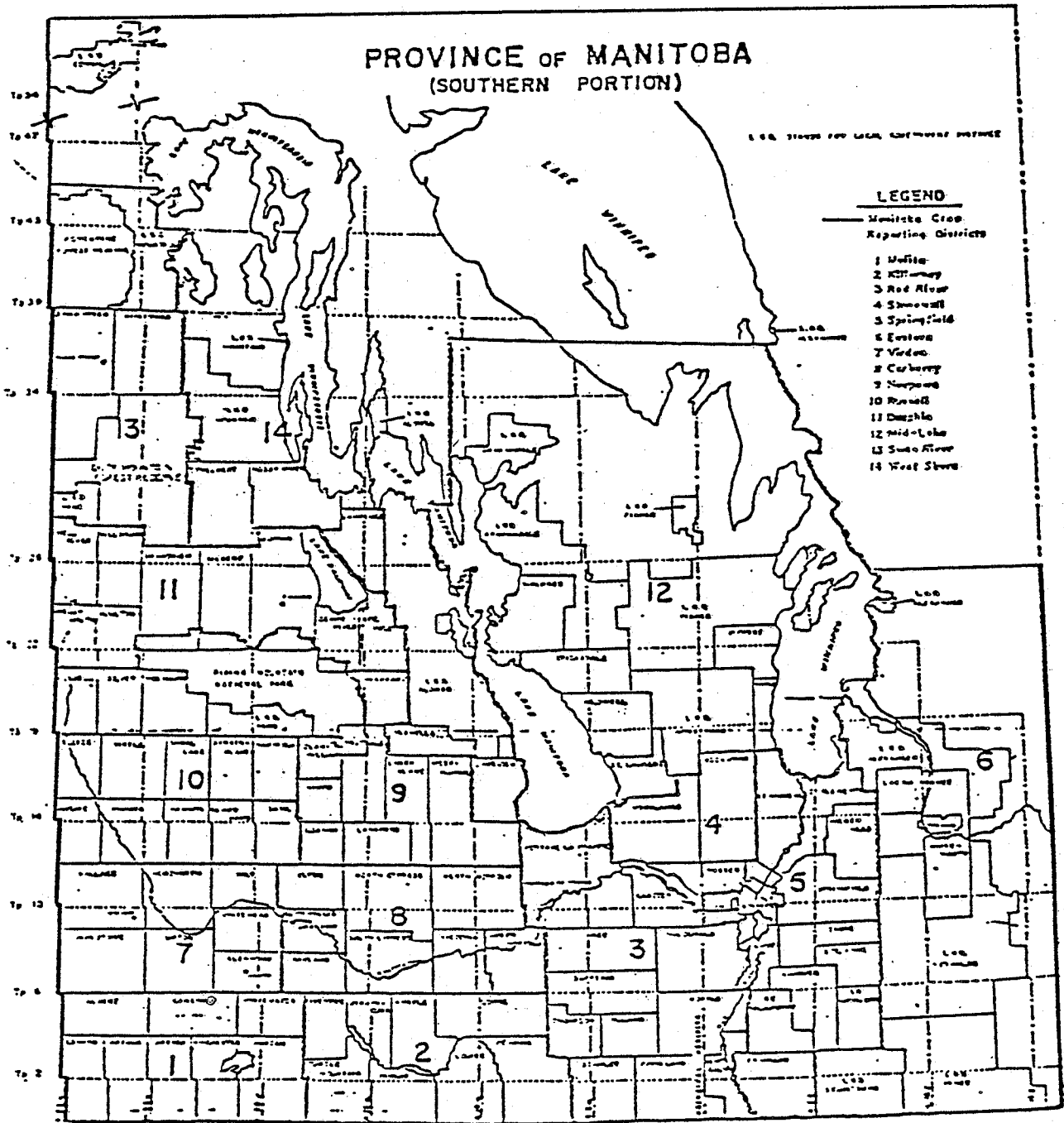


Figure 2.6

Model Producing Regions (Province of Manitoba Crop Districts)

provide for identification of small area differences in costs of production and factor input requirements. The linear programming analysis was conducted on the basis of the 14 subregions (crop districts) and the results aggregated to provide regional results.

Since the results obtained from this analysis are produced both for the fourteen (14) crop reporting districts and for the five (5) administrative regions designated by the Manitoba Department of Agriculture, a method was, therefore, required by which the results for the crop reporting districts could be aggregated to the five administrative regions.

This method was based on unpublished provincial statistics of farm numbers and output of farms in the crop districts and administrative regions. The resulting relationship between crop reporting districts and administrative regions is shown in Table 3.

2.5 Land Constraints

Land constraints (referred to as L_{ik} in model equation [2]) were specified for each of the 14 subregions and for 3 land categories within each subregion. The 14 subregions (denoted by the subscript i in the algebraic statement of the model) are those illustrated in Figure 2.6. The 3 land categories (model subscript k) are cultivated land in farms where $k = 1$ and 2 and all unimproved land on farms and community pastures where $k = 3$. The

Table 3

Relationship of Crop Reporting Districts
and Manitoba Department of Agriculture
Administrative Regions^a

M.D.A. Administrative Regions	Crop Reporting Districts
Interlake	(4) + (12) + (6.4% of 5)
Eastern	(6) + (93.6% of 5)
Central	(3) + (70% of 2) + (48% of 8) + (33% of 9) + (24.6% of 14)
South West	(1) + (30% of 2) + (52% of 8) + (58% of 9) + (77% of 10) + (7)
North West	(11) + (23% of 10) + (75.4% of 14) + (9% of 9) + (13)

^aThe relationship between Administrative Regions and Crop Reporting Districts was based on unpublished provincial statistics of farm numbers and output of farms.

distinction between type 1 and 2 land was based on texture assumed to reflect ease of cultivation and hence cost of production differences based on horsepower requirement. The specific distinction is that type 2 soils are those identified as clay soils while all others are type 1 soils. In the analysis all cultivated crops may be grown on type 1 and 2 soils with the exception of hay. All hay is assumed to be grown on type 2 soil. The basis for that assumption is the general practice of seeding hay crops on type 2 soils requiring improved drainage and aeration.

2.6 Commodities and Production Alternatives Included in the Analysis

It is possible to construct a model including all agricultural commodity production. However, a number of commodities are produced in very small quantities. As a result the general applicability of the model is not seriously affected by their exclusion. Therefore the commodities included in the analysis consisted of that group of commodities accounting for 95%+ of each sub-region's total production in 1971.[®] The commodities included for each region are specified in Table 4. The historical information which served as the basis for their selection is outlined in Table 1 of Appendix A.

The types of enterprise (production activities) included as alternative means of producing each of the crop and livestock commodities analyzed were specified on

Table 4

Commodities Included in the Analysis^a

Crops	Livestock
Wheat	Veal
Oats	Beef
Barley	Pork
Flax	Turkeys
Rapeseed	Broilers
Rye	Eggs
Sunflowers	Manufactured Milk
Sugar Beets	Fluid Milk
Potatoes	

^aExcept for Sunflowers and Sugar Beets each commodity is produced in all subregions. Production of these two crops is restricted to the following subregions:

Sunflowers--1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12,
14

Sugar Beets--3, 4, 5, 8

the basis of the knowledge of study participants²² concerning Manitoba's agricultural production. The types of enterprise (activities) specified for each commodity produced were as follows:

2.6.1 Crops. One type of enterprise was specified for each of soil types 1 and 2 and each crop commodity produced. Three identical activities were provided for production of wheat, oats and barley. The first produced wheat for export sale, the second produced wheat for feed and the third produced wheat for sale as feed.

Restriction of each crop commodity's production to one enterprise type (activity) was made possible through the identification of composite acre units of production. A composite acre of production consisted of two parts; that part which was produced on summerfallow and that part produced on stubble. The proportion of each acre produced on summerfallow was based on information concerning crops seeded on summerfallow provided by the Manitoba Crop Insurance Corporation.

2.6.2 Livestock. Veal enterprises were of two types. One type was that of veal produced in the form of a suckling beef calf raised to 300 pounds on pasture. The other

²²The study participants were those farmers who were surveyed for the study by Framingham, et al. (op. cit.).

was that of producing a 300 pound veal calf through confined rearing of a new born dairy calf on milk supplement and other ingredients required to provide an adequate ration.

Beef enterprises consisted of two similar sets of activities based on each of a beef and dairy calf. The activities contained in each set were:

1. Produce and rear a new born calf from birth to 500, 700, 1,050 or 1,170 pounds.
2. Rear a 500 pound calf to 1,000 or 1,170 pounds.
3. Rear a 700 pound stocker animal to 1,050 pounds.

Combination of activities under (1) above with those under (2) or (3) provided base animals for items (2) and (3). The only restriction was that all animals fed be produced within Manitoba. That is, net imports of feeding enterprise animals (500 lb. calves and 700 lb. stocker cattle) were assumed to be zero.

Hog enterprises consisted of three types:

1. A farrow to weanling enterprise.
2. A farrow to finished hog enterprise.
3. A weanling to finished hog enterprise.

Weanling-finished hog enterprises were restricted to weanlings available from Manitoba hog enterprises of type (1). That is, net Manitoba weanling imports were assumed to be zero.

Milk production enterprises of two types were included in the analysis. One provided for the production of fluid milk, the other manufactured milk.

Poultry enterprises for each of egg, broiler chicken and turkey production were provided.

The above described activities and activities to transport feed grain and animals between regions completed the livestock sector. Throughout the algebraic statement of the model the commodities and commodity producing enterprises (activities) are identified with the subscript p . The specific commodity and/or enterprise activity corresponding to each value of p are identified in Appendix A Table 2.

2.7 Size of Enterprise and Farm

Enterprise size variation is included in the analytical model. Three enterprise (production activity) sizes are included for each of the enterprise activities described in the preceding section.

The nature of each of the three sizes is indicated in Table 5. The reader will note that small and medium livestock enterprises have the same size specification. This was necessitated by the absence of data adequate to differentiate between costs for small and medium livestock enterprises.

Table 5

Criteria Employed to Differentiate between Size
of Enterprises Included in the Analysis^a

Enterprise Type	Size of Enterprise		
	Small	Medium	Large
CROPS	less than 240 acres	240-759 acres	760 acres and over
BEEF ^b			
1. Cow/Calf (Farm Herd) (Ranch Herd)	100 cow herd	100 cow herd	200 cow herd
2. 500-700 pounds Wintered for 200 days	\$6.95	\$6.95	\$2.76
3. a. 700-1,050 pounds No Grass	\$4.97	\$4.97	\$1.97
b. 820-1,170 pounds Pasture Period Only	\$1.50	\$1.50	\$1.50
4. 500-1,000 pounds Labor Cost	\$7.62	\$7.62	\$3.01
HOG			
1. Farrow to Finish	30 sows	30 sows	60 sows
2. Farrow to Weanling	30 sows	30 sows	60 sows
3. Weanling to Finish	500 feeders	500 feeders	1,000 feeders
DAIRY			
1. Cows Fluid and Manufactured	36 cows	36 cows	48 cows

(Continued)

Table 5--Continued

Enterprise Type	Size of Enterprise		
	Small	Medium	Large
POULTRY			
1. Laying Hens Costs calculated according to system used. ^c	Uncaged	Uncaged	Caged
2. Broilers	less than 10,000	less than 10,000	10,000 or more birds
3. Turkeys (see footnote c)			

^aThe dollar figures in this table are the per animal labor costs attributable to these livestock enterprises in 1971. These values may be found in the report by Framingham, et. al., (op. cit.) in the following tables:

500-700 pound stocker: Appendix A Table 49.6.

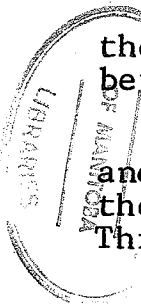
700-1,050 pound fed steer: Appendix A Table 49.4.

820-1,170 pound fed steer: Appendix A Table 49.5.

500-1,000 pound fed steer: Appendix A Table 49.7.

^bFor beef enterprise 1, the designation of either Farm or Ranch Herd refers to the different costs involved. For beef enterprises 2, 3a, 3b and 4 the only difference between the enterprise sizes is with respect to the labor costs per animal, as shown.

^cThe cost of production was calculated per bird for a flock of >10,000 broilers and large turkey flocks. The adjustment for small and medium flocks was assumed to be the ratio of the labor costs for large (>3,000) versus small (<3,000) laying hen flocks. This ratio was 1.5:1.



Given the above enterprise sizes three farm sizes were defined according to combinations of the crop and livestock enterprise sizes. The farm size definitions are:

1. Small Farm--A farm with small crop acreage (less than 240 acres) and small livestock enterprises.
2. Medium Farm--A farm with medium crop acreage (240 to 759 acres) and small livestock enterprises.
3. Large Farm--A farm with large crop acreage (760 or more acres) and large livestock enterprises.

Within the model size of enterprise and farm are identified by the subscript j . Values of $j = 1, 2$ and 3 refer to small, medium and large crop enterprises; $j = 4, 5$ and 6 refer to each of small, medium and large livestock enterprise and values of $j = 7, 8$ and 9 identify small, medium and large farm sizes respectively.

2.8 Commodity Constraints

The feasible range of variability in the level and mix of commodity production is limited. For example, it is not feasible, in the time frame generally referred to in consideration of agricultural policy alternatives, to consider agricultural production consisting solely of one commodity (i.e., wheat). To preclude the possibility of such analytical results and produce results consistent

with potential industry adjustments, provincial and sub-region farm size specific minimum and maximum production constraints where imposed. They are represented in the model by equations (3), (4), (5), and (6).

In the analyses conducted commodity production levels on each farm size were not allowed to fall below 80 percent or rise above 120 percent of 1971 levels. Provincial production was similarly constrained to not less than 80 percent and not more than 120 percent of 1971 levels. The 20 percent variation around 1971 levels was selected to represent the extent of change assumed feasible in a five-year time horizon given factors constraining adjustment in agriculture. The actual constraint levels employed are presented in the study by Framingham et.

al.²³

2.9 Income and Employment Constraints

Industry income and employment are represented in the model by equations (7) and (8). Through the specification of the net income and/or hours of work associated with each enterprise (activity) measurement of income and employment associated with each set of analytical results became possible. The inclusion of these region and farm size specific income and employment equations was central to the analyses. By specifying minimum and/or maximum

²³Framingham, Craddock and Baker, op. cit.

region and farm size income and employment levels analyses of minimum income levels, maximum income receivable, and/or minimum and maximum employment levels a variety of policy alternatives can be appraised. For example, the feasibility of generating an average net income of \$3,000 per small farm can be determined.

2.10 Other Model Dimensions

Since the model is structured to allow selection of minimum cost livestock rations a problem arose regarding the income contribution of livestock enterprises. The net income from each livestock enterprise became a function of the cereal grains components of the main cost ration implicit in the solution.²⁴ In order to overcome this problem and allow model selection of minimum cost rations an average cost per unit of feed was determined. This was possible since the price per megacalorie of cereal grain was similar for each of wheat, oats and barley and variation in the proportion of each grain fed was restricted to that quantity above the minimum requirement for a particular grain. To the extent that this procedure results in variance of estimated income per animal unit from the true quantity, net farm income is not

²⁴This results due to the substitution between grains which is allowed to select the minimum cost ration. Thus livestock coefficients are constant except for the grain component.

precisely measured. The difference in price per megacalorie for the 3 cereals fed is presented in Table 6 for the prices employed in the analyses conducted.

Equations (9) to (14) delineate further dimensions of the model. Equation (9) specifies that the grain consumed by livestock equals grain produced and/or purchased for livestock feed. Equation (10) specifies the requirement that livestock animals (calves, weanlings and stocker cattle) be fed equal corresponding levels with those livestock animals produced. Equation (11) represents total feed produced for sale and sold as such. Minimum levels of one or more of wheat, oats and barley are required in each livestock rations. Equations (12) and (13) assure that these are met. Equation (14) insures equality of hay produced and consumed.

The model subscripts identifying each of the right hand side constraints and/or activities associated with equations (8) to (11) are presented in Appendix A Table 2.

2.11 Operating Capital

This row in the model for crops and livestock is delineated by equation (15). Operating capital is defined as being the variable capital component associated with the production of crop and livestock products. Thus, it takes no account of the fixed capital requirement of these production activities.

Table 6

Value per Megacalorie of Cereal Grain
at Specified Prices (¢)

Cereal Grain	Price per Pound ^a		Megacalories per Pound ^b	Value per Megacalorie ^c	
	1971	1974		1971	1974
Wheat	2.43	7.57	1.44	1.69	5.26
Oats	1.73	5.13	1.25	1.38	4.10
Barley	1.54	5.64	1.36	1.13	4.15
				1.40	4.50

^aThe price per pound is calculated by allocating the weighted prices in Table 13 by the pounds per bushel.

^bThe megacalories (Mcal) per pound were taken from "Nutrient Requirements of Beef Cattle", Bulletin No. 4, (Washington: National Research Council, 1970).

^cThe value per megacalorie is calculated by dividing the price per pound by the megacalories per pound. The bracketed figures (1.40 and 4.50) are averages of the three grains.

The following chapter presents the data developed for use in application of the model and procedures related thereto.

CHAPTER 3

THE DATA

As mentioned in the thesis outline in Chapter 1 the data presented in this chapter is only of a price or cost nature. Physical constraint data is available from the study by Framingham, et. al.²⁵ The procedures employed in deriving the data input are the same as outlined in the same source. Where procedures change, these are explicitly identified.

3.1 Investment in Land and Buildings

Regression analysis was used to derive the Land Values for each crop district using data from the Manitoba Agriculture Yearbook²⁶ for the years 1961-1974. Between 1971 and 1974 357,900 acres of unimproved land were improved. This was allocated between crop districts using the percentage distribution of improved land in 1971. The numbers of improved and unimproved acres by crop district are shown in Table 7.

²⁵Framingham, Craddock and Baker, op. cit., chapter 3.

²⁶Manitoba Department of Agriculture, Manitoba Agriculture Yearbook (Winnipeg: Queen's Printer, 1974).

Table 7
Improved and Unimproved Land (1971 and 1974)

Crop District	1971 ^a		1974 ^b	
	Improved Land	Unimproved Land	Improved Land	Unimproved Land
	..... acres			
1	1,081,882	309,260	1,112,125	279,017
2	1,138,326	379,244	1,170,143	347,427
3	2,058,930	208,365	2,116,480	150,815
4	414,218	199,555	425,814	187,959
5	1,223,724	327,223	1,257,903	293,044
6	209,258	219,961	215,092	214,127
7	909,137	404,491	934,548	379,080
8	934,609	407,628	960,736	381,501
9	822,479	307,550	845,456	284,573
10	1,298,149	659,584	1,334,440	623,293
11	1,019,217	438,471	1,047,706	409,982
12	626,908	1,130,842	644,445	1,113,305
13	587,101	257,669	603,529	241,241
14	480,050	954,428	493,471	941,007
TOTAL	12,803,988	6,204,271	13,161,888	5,846,371

^aData for both improved and unimproved land in 1971 are taken from the 1971 Census of Canada, Catalogue No. 96-708. Vol. IV--Part 3 (Ottawa: Queen's Printer, May 1973).

^bBetween 1971 and 1974 357,900 acres of unimproved land were improved. This is allocated between crop districts using the percentage distribution of improved land in 1971.

The adjusted acres for improved and unimproved land, shown in Table 7 were used along with the Land Values derived from the regression analysis to calculate land values for improved and unimproved land. These values are shown in Table 8, and were used to derive the investment in Land and Buildings at six percent. The resulting figures by crop district are shown in Table 9.

3.2 Taxes

The total operating tax figure of \$18,216,000 for the province for 1974 was obtained from M. Daciw.²⁷ This was allocated to each crop district using the percentage distribution of operating taxes in 1971. The comparative figures for 1971 and 1974 are shown in Table 10.

The resulting operating taxes for 1974 were allocated to both improved and unimproved land using the appropriate figures from Table 7. These taxes for improved and unimproved land are shown in Table 11.

3.3 Labor and Machinery

The computer programming approach used in 1971 to simulate labor and machinery costs was not employed in this thesis to generate the basic data inputs for the calculation of the costs of production. This was due to a lack of time and resources which would have been

²⁷Statistician, Planning Secretariat, Manitoba Department of Agriculture, Winnipeg.

Table 8

Land Values (1974)

Crop District	1974 Value of Land ^a	1974 Value of Improved Land ^b	1974 Value of Unimproved Land ^b
	..... dollars per acre		
1	100.17143	115.63	38.54
2	117.14286	138.24	46.08
3	160.37143	167.81	55.94
4	148.02857	186.00	62.00
5	140.14286	160.34	53.45
6	74.51429	111.65	37.22
7	80.48571	99.66	33.22
8	112.08571	138.29	46.10
9	102.37143	123.03	41.01
10	90.74286	115.19	38.40
11	97.77143	120.33	40.11
12	67.42857	116.71	38.90
13	106.28571	131.28	43.76
14	71.28571	126.69	42.23

^aThe figures for the 1974 Value of Land by crop district were derived by regression analysis employing data from the Manitoba Agriculture Yearbook for the years 1961-1974.

^bThe land values for improved and unimproved land in 1974 result from an adjustment process which uses both the 1974 land values (from the regression analysis) and the acres of Land (given in Table 7). This adjustment process is given in the report by Framingham, et. al. (op. cit., chapter 3.)

Table 9

Investment in Land and Buildings
at Six Percent (1974)^a

Crop District	Improved Land	Unimproved Land
	..... dollars per acre	
1	6.94	2.31
2	8.29	2.76
3	10.07	3.36
4	11.16	3.72
5	9.62	3.21
6	6.70	2.23
7	5.98	1.99
8	8.30	2.77
9	7.38	2.46
10	6.91	2.30
11	7.22	2.41
12	7.00	2.33
13	7.88	2.63
14	7.60	2.53

^aThe values for improved and unimproved in this table are the result of taking six percent of the values given in Table 8.

Table 10

Operating Taxes in 1971 and 1974^a

Crop District	1971 Thousand Dollars	Percent Distribution of 1971	1974 Thousand Dollars
1	1,448	6.90	1,257
2	1,804	8.60	1,567
3	4,343	20.70	3,771
4	629	3.00	546
5	3,399	16.20	2,951
6	294	1.40	255
7	1,573	7.50	1,366
8	1,343	6.40	1,166
9	1,133	5.40	984
10	2,014	9.60	1,749
11	1,196	5.70	1,038
12	629	3.00	546
13	776	3.70	674
14	399	1.90	346
TOTAL	20,980	100.00	18,216

^aThe operating taxes for 1971 by crop district were supplied by M. Daciw (Statistician, Planning Secretariat, Manitoba Department of Agriculture, Winnipeg). When the information was required for this thesis M. Daciw was only able to supply the total figure for 1974. This was allocated between crop districts using the 1971 percentage distribution.

Table 11
 Taxes per Acre for Improved and
 Unimproved Land (1974)^a

Crop District	Improved Land	Unimproved Land
	....., Dollars	
1	1.04304	.34768
2	1.21855	.40618
3	1.74039	.58012
4	1.11778	.37259
5	2.17692	.72563
6	.89015	.29671
7	1.28758	.42919
8	1.07179	.35726
9	1.04646	.34882
10	1.13409	.37803
11	.87642	.29214
12	.53764	.17921
13	.98546	.32848
14	.42867	.14289

^aThe values given in this table are the result of allocating the 1974 taxes by crop district (given in Table 10), using the acreage figures given in Table 7. The procedure employed for this allocation is outlined in the report by Framingham, et. al. (op. cit., chapter 3).

required to update the data sources for the machine systems involved.

Instead these values were indexed up from 1971 by the following percentages: labor, 48.12 percent and machinery, 18.29 percent.²⁸ The wage rate for 1974 was \$2.22 per hour and was included in the cost of production simulation model along with the updated labor and machinery costs.

3.4 Fertilizer Use

The procedure used to calculate fertilizer cost in 1971 was an adjustment of the 1971 sales by data supplied by the Manitoba Crop Insurance Corporation. It was not possible to make the same adjustment for 1974 so the same sales figures (after the 1971 adjustment) were used for this study.

The 1974 prices for each of the main types of compound fertilizer were taken from the Farm Data Handbook.²⁹

28

These index values were taken from the Manitoba Agriculture Yearbook, op. cit., p. 103.

29

Manitoba Department of Agriculture, Farm Data Handbook (Winnipeg: Economics Branch, Manitoba Department of Agriculture, 1972). Fertilizer prices updated to 1974 on page II-8.

K ₂ O	200 pounds of 0-0-62	\$7.10
	124 pounds of K ₂ O	\$7.10

Therefore, K₂O = \$0.0573 per pound

N	200 pounds of 34-0-0	\$9.80
	68 pounds of N	\$9.80

Therefore, N = \$0.1441 per pound

P ₂ O ₅	1. 200 pounds of 23-23-0	\$11.60
	46 pounds N + 46 pounds P ₂ O ₅	\$11.60
	46 pounds of N x \$0.1441	\$6.63
	46 pounds of P ₂ O ₅	\$4.97

Therefore, P₂O₅ = \$0.1080 per pound

2.	200 pounds of 27-27-0	\$13.60
	54 pounds N + 54 pounds P ₂ O ₅	\$13.60
	54 pounds N x \$0.1441	\$7.78
	54 pounds of P ₂ O ₅	\$5.82

Therefore, P₂O₅ = \$0.1078 per pound

3.	200 pounds of 11-55-0	\$14.40
	22 pounds N + 110 pounds P ₂ O ₅	\$14.40
	22 pounds N x \$0.1441	\$3.17
	110 pounds of P ₂ O ₅	\$11.23

Therefore, P₂O₅ = \$0.1021 per pound

4.	200 pounds of 11-48-0	\$13.20
	22 pounds N + 96 pounds P ₂ O ₅	\$13.20
	22 pounds N x \$0.1441	\$3.17
	96 pounds of P ₂ O ₅	\$10.03

Therefore, P₂O₅ = \$0.1045 per pound

5.	200 pounds of 11-54-0	\$14.30
	22 pounds N + 108 pounds P ₂ O ₅	\$14.30
	22 pounds N x \$0.1441	\$3.17
	108 pounds of P ₂ O ₅	\$11.13

Therefore, P₂O₅ = \$0.1031 per pound

The price per pound for phosphorous in the five different compound fertilizers is averaged to give an average price of \$0.1051.

The prices used are:

Nitrogen	\$0.1441 per pound
Phosphorous	\$0.1051 per pound
Potassium	\$0.0573 per pound

3.5 Chemicals

The prices of these herbicides in 1974 were averages from various companies selling these products. The procedure used to arrive at the average per acre cost is shown in Table 12. The resulting average per acre cost was \$0.49 per seeded acre for each crop in each crop district.

Table 12

Calculation of Average per Acre Herbicide Cost (1974)^a

Formulation	Ounce Acid Per Treated Acre (1)	Acreage Treated (Thousand) (2)	Ounce Acid per Seeded Acre (3) = $\frac{(1) \times (2)}{7,242,985^b}$	Cost Per Ounce of Acid (4)	Cost Per Treated Acre (5) = (1) x (4)	Cost Per Seeded Acre (6) = $\frac{(2) \times (5)}{7,242,985^b}$
				.....cents.....		
2, 4-D Ester	6.88	433	.41	9.21	63.36	3.79
2, 4-D Ester (L.V.)	7.42	99	.10	12.60	93.49	1.28
2, 4-D Amine	8.56	1,320	1.56	8.49	72.67	13.24
MCPA Ester	6.77	35	.03	13.52	91.53	.44
MCPA Amine	8.70	1,907	2.29	12.16	105.79	27.85
MCPA Sodium Salt	8.56	181	.21	11.03	94.42	2.36
TOTAL			4.60			48.96

^aValues which are expressed in this table in physical terms are based on 1971 data given in the report by Framingham, et. al. (op. cit., chapter 3). Values expressed in financial terms are based on 1974 data supplied by the following companies: Chipman Chemicals Limited, United Grain Growers and Pioneer Grain.

^bIn 1971 there were 7,242,985 seeded acres of wheat, oats, barley, rye, flax and rapeseed in Manitoba.

3.6 Seed Cleaning and Treatment

A cost of \$0.15 per bushel was supplied by Manitoba Pool Elevators.³⁰ This translates to the following per acre costs for the six grains included in the simulation model:

Wheat	\$0.23 per acre
Oats	\$0.35 per acre
Barley	\$0.24 per acre
Rye	\$0.18 per acre
Flax	\$0.09 per acre
Rapeseed	\$0.02 per acre

3.7 Overhead Costs

The overhead expenditures for 1971 were adjusted upward by the percentage increase in the "Materials and Services" index as taken from the Manitoba Agriculture Yearbook, 1974.³¹ The percentage increase in this index from 1971 to 1974 was 74.96 percent. This had to be adjusted as the index contains the increase in fertilizer costs which was 32.64 percent. Therefore the 1974 overhead costs were the result of increasing the costs in 1971 by $74.96 - 32.64 = 42.32$ percent.

³⁰From communications with Mr. M. Watts, Seeds Department, Manitoba Pool Elevators, Winnipeg, Manitoba.

³¹Manitoba Department of Agriculture, op. cit., p. 103.

The resulting estimates of provincial overhead cost by farm size were:

Small farms	0-239 acres	\$3.56 per acre
Medium farms	240-760 acres	\$3.70 per acre
Large farms	over 760 acres	\$3.84 per acre

3.8 Cost of Seed

The costs for certified seed were obtained from price lists supplied by Manitoba Pool Elevators. The costs for 1971 and 1974 are shown as follows:

	1971	1974
	..... dollars per bushel	.....
Wheat	2.42	7.20
Oats	1.61	3.79
Barley	2.26	4.44
Rye	3.00	6.50
Flax	4.90	17.64
Rapeseed	8.07	13.50

The data and resulting crop costs of production are shown in Appendix A, Tables 3-30.

The costs of production for sunflowers, sugar beets and potatoes were calculated by hand and are shown in Appendix A, Tables 31-33.

3.9 Selling Prices for Grains and Special Crops and Adjustments for Handling and Transportation Costs

3.9.1 Wheat, Oats and Barley. For the crop year 1972-73 the grades for wheat were changed as outlined below:

Prior to 1972-73	1972-73 Onwards
No. 1 Manitoba Northern	1 CW Red Spring
No. 2 Manitoba Northern	
Top 15 percent of No. 3 Manitoba Northern	
85 percent of No. 3 Manitoba Northern	2 CW Red Spring
Top 20 percent of No. 4 Manitoba Northern	
80 percent of No. 4 Manitoba Northern	3 CW Red Spring
No. 5 Wheat	
No. 6 Wheat	3 Canada Utility
Feed Wheat	

Two other grades were introduced as 1 Canada Utility and 2 Canada Utility and were specifically designed for new varieties such as Pitic and Glenlea. These grades are therefore not considered in this analysis.

Because of this grading change, the percentage distribution of wheat was calculated from 1966-67 through 1973-74 utilizing the new grades. The resulting figures are shown in Table 13.

A simple average of these percentage figures for each grain are as follows:

Wheat	86.38 percent
Oats	91.31 percent
Barley	89.00 percent

Table 13

Weighted Prices (1974) for Wheat, Oats and Barley

	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1966-74 Σ	Weighted Percent	Realized ^a Price ('73-74)	Weighted Price ('73-74)
	Percent of quantity produced.....											
Wheat^b												
1 CW	49.88	78.47	48.59	43.53	53.69	71.89	65.13	58.16	58.67	67.92	4.58	3.110736
2 CW	26.80	14.05	10.27	20.55	22.12	14.10	16.63	21.77	18.29	21.17	4.50	.952650
3 CW	9.29	3.00	6.64	14.88	16.15	8.72	8.46	3.93	8.88	10.28	4.37	.449236
3 Util.	.72	.16	.23	.91	.87	.23	.65	.52	.54	.63	3.91	.024633
	86.69	95.68	65.73	79.87	92.83	94.94	90.87	84.38	86.38	100.00		4.537255
Oats												
2 CW	.12	.83	.13	.45	.53	.89	.24	.31	.44	.48	1.83	.008784
3 CW	31.08	25.95	21.91	10.71	17.15	30.66	24.26	17.47	22.40	24.53	1.79	.439087
Ex. 3 CW	.96	7.12	1.04	3.06	4.83	6.96	1.44	.94	3.29	3.60	1.80	.064800
Ex. 1 Feed	19.24	17.14	11.16	9.85	13.01	10.06	17.39	11.15	13.63	14.93	1.73	.258289
1 Feed	38.38	40.01	28.87	53.62	56.19	45.52	48.91	57.00	46.06	50.44	1.72	.867568
2 Feed	4.25	6.15	2.81	5.49	4.74	3.92	4.78	4.40	4.57	5.00	1.69	.084500
3 Feed	.74	1.04	.59	1.79	1.02	.44	.93	.81	.92	1.02	1.68	.017136
	94.77	98.24	66.51	84.97	97.47	98.45	97.95	92.08	91.31	100.00		1.740164
Barley												
2 CW 6 ^c	.21	4.07	2.16	.82	.30	.52	.32	.22	1.08	1.21	3.12	.037752
3 CW 6 ^d	19.58	13.02	13.29	10.69	11.18	12.65	10.77	10.86	12.76	14.34	3.10	.444540
2 CW 2 ^c	.40	1.53	.30	1.17	.74	.98	.23	.30	.71	.80	3.20	.025600
3 CW 2 ^d	4.80	3.33	6.21	4.98	5.49	6.01	7.97	8.22	5.88	6.61	3.19	.210859
1 Feed	47.07	57.51	41.38	53.30	66.24	68.82	65.41	57.55	57.16	64.22	2.59	1.663298
2 Feed	10.86	14.08	10.87	15.56	11.64	8.00	5.33	6.39	10.34	11.62	2.58	.299796
3 Feed	1.34	1.67	1.34	1.27	1.03	.68	.49	.72	1.07	1.20	2.53	.030360
	84.26	95.21	75.55	87.79	96.62	97.66	90.52	84.26	89.00	100.00		2.712205

^aThe Realized Price (basis Thunder Bay) by grade supplied by Mrs. Maureen Hunter, Canadian Wheat Board, Winnipeg, Manitoba.

^bThe new grading system for wheat was introduced in 1972-73. The percentage figures by grade have been readjusted prior to 1972-73 to conform with the new grading system.

^c 1 CW in 1973-74.

^d 2 CW in 1973-74.

These figures were expanded to 100 percent by a weighting procedure and the resulting averages for each grade were used to allocate the realized price for 1973-74 by grade. The resulting weighted prices for the grains are:

Wheat	\$4.54 per bushel
Oats	\$1.74 per bushel
Barley	\$2.71 per bushel.

These weighted prices for 1974 for Manitoba, by crop district are adjusted by freight rate and handling charges and shown in Tables 14, 15 and 16.

3.9.2 Rye, Flax and Rapeseed. The prices for these grains for 1974 were taken from the Canadian Grains Industry Statistical Handbook, 1974.³² The prices used were the average broadcast street prices for August 14, 21 and 28, 1974. Handling charges of \$0.105 were added to these prices, arriving at adjusted prices as follows:

Rye	\$2.616 per bushel
Flax	\$10.480 per bushel
Rapeseed	\$7.851 per bushel

From these prices handling and elevation charges as levied by Manitoba Pool Elevators were deducted. The resulting prices used in the analysis were as follows:

³²Canada Grains Council. Canadian Grains Industry Statistical Handbook (Winnipeg: Canada Grains Council, 1974), p. 146.

Table 14

Freight Rate and Handling and Elevation Charges Adjustment,
with Resulting Elevator Wheat Prices by Crop District (1974)

Crop District	Freight Rates to Thunder Bay ^a		Handling and Elevation Charges ^b ¢ per bu.	Elevator Price ^c \$ per bu.
	¢ per cwt.	¢ per bu.		
1	18	10.8	3.75	4.41
2	16	9.6	3.75	4.42
3	15	9.0	3.75	4.42
4	15	9.0	3.75	4.42
5	15	9.0	3.75	4.42
6	14	8.4	3.75	4.43
7	18	10.8	3.75	4.41
8	16	9.6	3.75	4.42
9	16	9.6	3.75	4.42
10	18	10.8	3.75	4.41
11	18	10.8	3.75	4.41
12	16	9.6	3.75	4.42
13	19	11.4	3.75	4.40
14	16	9.6	3.75	4.42

^aCrows Nest Pass rates expressed in cents per 100 pounds. These are converted to cents per bushel as the linear programming model is specified to handle grain in bushels, not hundredweights.

^bHandling and elevation charges as laid down by Manitoba Pool Elevators.

^cThe Elevator price is the price of wheat (\$4.54 per bushel) calculated in Table 13, less freight rates and handling and elevation charges.

Table 15

Freight Rate and Handling and Elevation Charges Adjustment,
with Resulting Elevator Oat Prices by Crop District (1974)

Crop District	Freight Rates to Thunder Bay ^a		Handling and Elevation Charges ^b ¢ per bu.	Elevator price ^c \$ per bu.
	¢ per cwt.	¢ per bu.		
1	18	6.12	3.5	1.65
2	16	5.44	3.5	1.66
3	15	5.10	3.5	1.66
4	15	5.10	3.5	1.66
5	15	5.10	3.5	1.66
6	14	4.76	3.5	1.67
7	18	6.12	3.5	1.65
8	16	5.44	3.5	1.66
9	16	5.44	3.5	1.66
10	18	6.12	3.5	1.65
11	18	6.12	3.5	1.65
12	16	5.44	3.5	1.66
13	19	6.46	3.5	1.65
14	16	5.44	3.5	1.66

^aCrows Nest Pass rates expressed in cents per 100 pounds. These are converted to cents per bushel as the linear programming model is specified to handle grain in bushels, not hundredweights.

^bHandling and elevation charges as laid down by Manitoba Pool Elevators.

^cThe Elevator price is the price of oats (\$1.74 per bushel) calculated in Table 13, less freight rates and handling and elevation charges.

Table 16

Freight Rate and Handling and Elevation Charges Adjustment,
with Resulting Elevator Barley Prices by Crop District (1974)

Crop District	Freight Rates to Thunder Bay ^a		Handling and Elevation Charges ^b ¢ per bu.	Elevator Price ^c \$ per bu.
	¢ per cwt.	¢ per bu.		
1	18	8.64	3.75	2.60
2	16	7.68	3.75	2.61
3	15	7.20	3.75	2.61
4	15	7.20	3.75	2.61
5	15	7.20	3.75	2.61
6	14	6.72	3.75	2.62
7	18	8.64	3.75	2.60
8	16	7.68	3.75	2.61
9	16	7.68	3.75	2.61
10	18	8.64	3.75	2.60
11	18	8.64	3.75	2.60
12	16	7.68	3.75	2.61
13	19	9.12	3.75	2.59
14	16	7.68	3.75	2.61

^aCrows Nest Pass rates expressed in cents per 100 pounds. These are converted to cents per bushel as the linear programming model is specified to handle grain in bushels, not hundredweights.

^bHandling and elevation charges as laid down by Manitoba Pool Elevators.

^cThe Elevator price is the price of barley (\$2.71 per bushel) calculated in Table 13, less freight rates and handling and elevation charges.

Rye	\$2.24 per bushel
Flax	\$9.88 per bushel
Rapeseed	\$7.25 per bushel

These prices for 1974 for Manitoba, by crop district are adjusted by freight rate and handling charges and shown in Tables 17, 18 and 19.

3.9.3 Sunflowers, Sugar Beets and Potatoes. The prices for sunflowers, sugar beets and potatoes were taken from the Manitoba Agriculture Yearbook 1974³³ as follows:

Sunflowers	\$.18 per pound
Sugar Beets	\$50.00 per ton
Potatoes	\$ 2.63 per hundredweight

3.10 Net Crop Incomes

Given the costs of production and the final product prices, the net crop incomes used in the analysis are shown in Appendix A Tables 34-37.

3.11 Livestock Ration Costs

This section outlines the procedure used to transform the wheat, oats and barley components of livestock rations from physical units to the dollar value. The megacalorie coefficients (Mcals) are sourced in Appendix A of the study by Framingham, et. al.³⁴

³³Manitoba Department of Agriculture, op. cit.

³⁴Framingham, Craddock and Baker, op. cit.

Table 17

Freight Rate and Handling and Elevation Charges Adjustment,
with Resulting Elevator Rye Prices by Crop District (1974)

Crop District	Freight Rates to Thunder Bay ^a		Handling and Elevation Charges ^b ¢ per bu.	Elevator Price ^c \$ per bu.
	¢ per cwt.	¢ per bu.		
1	18	9.00	3.75	2.12
2	16	8.00	3.75	2.13
3	15	7.50	3.75	2.14
4	15	7.50	3.75	2.14
5	15	7.50	3.75	2.14
6	14	7.00	3.75	2.14
7	18	9.00	3.75	2.12
8	16	8.00	3.75	2.13
9	16	8.00	3.75	2.13
10	18	9.00	3.75	2.12
11	18	9.00	3.75	2.12
12	16	8.00	3.75	2.13
13	19	9.50	3.75	2.12
14	16	8.00	3.75	2.13

^aCrows Nest Pass rates expressed in cents per 100 pounds. These are converted to cents per bushel as the linear programming model is specified to handle grain in bushels, not hundredweights.

^bHandling and elevation charges as laid down by Manitoba Pool Elevators.

^cThe Elevator price is the price of rye (\$2.24 per bushel) calculated using data from the Canadian Grains Industry Statistical Handbook for 1974, less freight rates and handling and elevation charges.

Table 18

Freight Rate and Handling and Elevation Charges Adjustment,
with Resulting Elevator Flax Prices by Crop District (1974)

Crop District	Freight Rates to Thunder Bay ^a		Handling and Elevation Charges ^b ¢ per bu.	Elevator Price ^c \$ per bu.
	¢ per cwt.	¢ per bu.		
1	18	10.08	6.0	9.72
2	16	8.96	6.0	9.74
3	15	8.40	6.0	9.74
4	15	8.40	6.0	9.74
5	15	8.40	6.0	9.74
6	14	7.84	6.0	9.75
7	18	10.08	6.0	9.72
8	16	8.96	6.0	9.74
9	16	8.96	6.0	9.74
10	18	10.08	6.0	9.72
11	18	10.08	6.0	9.72
12	16	8.96	6.0	9.74
13	19	10.64	6.0	9.72
14	16	8.96	6.0	9.74

^aCrows Nest Pass rates expressed in cents per 100 pounds. These are converted to cents per bushel as the linear programming model is specified to handle this crop in bushels, not hundredweights.

^bHandling and elevation charges as laid down by Manitoba Pool Elevators.

^cThe Elevator price is the price of flax (\$9.88 per bushel) calculated using data from the Canadian Grains Industry Statistical Handbook for 1974, less freight rates and handling and elevation charges.

Table 19

Freight Rate and Handling and Elevation Charges Adjustment,
with Resulting Elevator Rapeseed Prices by Crop District(1974)

Crop District	Freight Rates to Thunder Bay ^a		Handling and Elevation Charges ^b ¢ per bu.	Elevator Price ^c \$ per bu.
	¢ per cwt.	¢ per bu.		
1	18	10.08	6.0	7.09
2	16	8.96	6.0	7.11
3	15	8.40	6.0	7.11
4	15	8.40	6.0	7.11
5	15	8.40	6.0	7.11
6	14	7.84	6.0	7.12
7	18	10.08	6.0	7.09
8	16	8.96	6.0	7.11
9	16	8.96	6.0	7.11
10	18	10.08	6.0	7.09
11	18	10.08	6.0	7.09
12	16	8.96	6.0	7.11
13	19	10.64	6.0	7.09
14	16	8.96	6.0	7.11

^aCrows Nest Pass rates expressed in cents per 100 pounds. These are converted to cents per bushel as the linear programming model is specified to handle this crop in bushels, not hundredweights.

^bHandling and elevation charges as laid down by Manitoba Pool Elevators.

^cThe Elevator price is the price of rapeseed (\$7.25 per bushel) calculated using data from the Canadian Grains Industry Statistical Handbook for 1974, less freight rates and handling and elevation charges.

3.11.1 Cost of Megacalories from Grain.

1. Beef Veal Calf (300 lbs.):

$$\begin{array}{r} \text{Oats: } 960 \text{ lb.} \times 1.25 \text{ Mcal/lb.} = \\ \quad 1,200 \text{ Mcals} \times 4.10 \end{array} = \$49.20$$

$$\begin{array}{r} \text{Plus } 1,701 - 1,200 = 501 \text{ Mcals} \times 4.50 = \underline{22.55} \\ \$71.75 \end{array}$$

2. Beef Calf, Birth to 500 lbs.:

$$\text{Oats: Same as for Beef Veal Calf} = \$71.75$$

3. Beef Stocker, Birth to 700 lbs.:

$$\begin{array}{r} \text{Oats: } 1,464 \text{ lbs.} \times 1.25 \text{ Mcal/lb.} = \\ \quad 1,830 \text{ Mcals} \times 4.10 \end{array} = \$75.03$$

$$\begin{array}{r} \text{Plus } 2,593 - 1,830 = 763 \text{ Mcals} \times 4.50 = \underline{34.34} \\ \$109.37 \end{array}$$

4. Beef Fed Beef, Birth to 1,050 lbs.:

$$\begin{array}{r} \text{Oats: } 1,839 \text{ lbs.} \times 1.25 \text{ Mcal/lb.} = \\ \quad 2,298.75 \text{ Mcals} \times 4.10 \end{array} = \$94.25$$

$$\begin{array}{r} \text{Plus } 3,259 - 2,298.75 = 960.25 \\ \quad \text{Mcals} \times 4.50 \end{array} = 43.21$$

$$\begin{array}{r} \text{Barley: } 1,791 \text{ lb.} \times 1.36 \text{ Mcal/lb.} = \\ \quad 2,435.76 \text{ Mcals} \times 4.15 \end{array} = 101.08$$

$$\begin{array}{r} \text{Plus } 6,583 - 2,435.76 = 4,147.24 \\ \quad \text{Mcals} \times 4.50 \end{array} = \underline{186.63} \\ \$425.17$$

5. Beef and Dairy Fed Beef, 700 lbs. to 1,050 lbs.:

$$\begin{array}{r} \text{Oats: } 375 \text{ lbs.} \times 1.25 \text{ Mcal/lb.} = \\ \quad 468.75 \text{ Mcals} \times 4.10 \end{array} = \$19.22$$

$$\begin{array}{r} \text{Plus } 666 - 468.75 = 197.25 \text{ Mcals} \\ \quad \times 4.50 \end{array} = 8.88$$

$$\begin{array}{r} \text{Barley: } 1,791 \text{ lb.} \times 1.36 \text{ Mcal/lb.} = \\ \quad 2,435.76 \text{ Mcals} \times 4.15 \end{array} = 101.08$$

$$\begin{aligned} \text{Plus } 6,583 - 2,435.76 &= 4,147.24 \\ \text{Mcal} \times 4.50 &= \underline{186.63} \\ &= \$315.81 \end{aligned}$$

6. Beef Fed Beef, Birth to 1,170 lbs.:

$$\begin{aligned} \text{Oats and Barley: Same as for Beef Fed} \\ \text{Beef Birth to 1,050 lbs.} &= \$425.17 \end{aligned}$$

7. Beef and Dairy Fed Beef, 500 lbs. to 1,170 lbs.:

$$\begin{aligned} \text{Oats: } 879 \text{ lbs.} \times 1.25 \text{ Mcal/lb.} &= \\ 1,098.75 \text{ Mcals} \times 4.10 &= \$ 45.05 \end{aligned}$$

$$\begin{aligned} \text{Plus } 1,558 - 1,098.75 &= 459.25 \text{ Mcals} \\ \times 4.50 &= 20.67 \end{aligned}$$

$$\begin{aligned} \text{Barley: } 1,791 \text{ lb.} \times 1.36 \text{ Mcal/lb.} &= \\ 2,435.76 \text{ Mcals} \times 4.15 &= 101.08 \end{aligned}$$

$$\begin{aligned} \text{Plus } 6,583 - 2,435.76 &= 4,147.24 \text{ Mcals} \\ \times 4.50 &= \underline{186.63} \\ &= \$353.43 \end{aligned}$$

8. Beef and Dairy Fed Beef, 500 lbs. to 1,000 lbs.
(Calf Feeders):

$$\begin{aligned} \text{Oats: } 1,201 \text{ lb.} \times 1.25 \text{ Mcal/lb.} &= \\ 1,501.25 \text{ Mcals} \times 4.10 &= \$ 61.55 \end{aligned}$$

$$\begin{aligned} \text{Plus } 2,130 - 1,501.25 &= 628.75 \text{ Mcals} \\ \times 4.50 &= 28.29 \end{aligned}$$

$$\begin{aligned} \text{Barley: } 1,336 \text{ lb.} \times 1.36 \text{ Mcal/lb.} &= \\ 1,816.96 \text{ Mcals} \times 4.15 &= 75.40 \end{aligned}$$

$$\begin{aligned} \text{Plus } 4,908 - 1,816.96 &= 3,091.04 \text{ Mcals} \\ \times 4.50 &= \underline{139.10} \\ &= \$304.34 \end{aligned}$$

9. Dairy Cows, Fluid Milk Production:

$$\begin{aligned} \text{Oats: } 2,122 \text{ lb.} \times 1.25 \text{ Mcal/lb.} &= \\ 2,652.50 \text{ Mcals} \times 4.10 &= \$108.75 \end{aligned}$$

$$\begin{aligned} \text{Plus } 3,763 - 2,652.50 &= 1,110.50 \text{ Mcals} \\ \times 4.50 &= 49.97 \end{aligned}$$

Barley: 702 lb. x 1.36 Mcal/lb. =
 954.72 Mcals x 4.15 = 39.62

Plus 2,578 - 954.72 = 1,623.28 Mcals
 x 4.50 = 73.05

\$271.39

10. Dairy Cows, Manufactured Milk Production:

Oat and Barley: Same as for Dairy Cows,
 Fluid Milk Production = \$271.39

11. Dairy Veal Calf (300 lbs.):

Oats: 370 lb. x 1.25 Mcal/lb. = 462.50
 Mcals x 4.10 = \$ 18.96

Plus 578 - 462.50 = 115.50 Mcals x
 4.50 = 5.20

Barley: 28 lb. x 1.36 Mcal/lb. =
 38.08 Mcals x 4.15 = 1.58

Plus 48 - 38.08 = 9.92 Mcals x 4.50 = .45

\$26.19

12. Dairy Calf, Birth to 500 lbs.:

Oats: 760 lb. x 1.25 Mcal/lb. =
 950 Mcals x 4.10 = \$ 38.95

Plus 1,186 - 950 = 236 Mcals x 4.50 = 10.62

Barley: 28 lb. x 1.36 Mcal/lb. =
 38.08 Mcal x 4.15 = 1.58

Plus 48 - 38.08 = 9.92 Mcals x 4.50 = .45

\$51.60

13. Dairy Stocker, Birth to 700 lbs.:

Oats: 1,264 lb. x 1.25 Mcal/lb. =
 1,580 Mcals x 4.10 = \$ 64.78

Plus 2,078 - 1,580 = 498 Mcals x 4.50 = 22.41

Barley: 28 lb. x 1.36 Mcal/lb. =
 38.08 Mcals x 4.15 = 1.58

Plus 48 - 38.08 = 9.92 Mcals x 4.50 = .45

\$ 89.22

14. Dairy Fed Beef, Birth to 1,050 lbs.:

Oats: 1,639 lb. x 1.25 Mcal/lb. =	
2,048.75 Mcals x 4.10	= \$ 84.00
Plus 2,744 - 2,048.75 = 695.25 Mcals	
x 4.50	= 31.29
Barley: 1,819 lb. x 1.36 Mcal/lb. =	
2,473.84 Mcals x 4.15	= 102.66
Plus 6,631 - 2,473.84 = 4,157.16	
Mcals x 4.50	= <u>187.07</u>
	\$405.02

15. Dairy Fed Beef, Birth to 1,170 lbs.:

Oats and Barley: Same as for Dairy Fed Beef, Birth to 1,050 lbs.	= \$405.02
--	------------

16. Hogs, Farrow to Weanling:

Oats: 49 lb. x 1.25 Mcal/lb. =	
61.25 Mcals x 4.10	= \$ 2.51
Plus 87 - 61.25 = 25.75 Mcals x 4.50	= 1.16
Barley: 66 lb. x 1.36 Mcal/lb. =	
89.76 Mcals x 4.15	= 3.73
Plus 245 - 89.76 = 155.24 Mcals	
x 4.50	= 6.99
Wheat: 61 Mcals x 4.50	= <u>2.75</u>
	\$ 17.14

17. Hogs, Farrow to Finish:

Oats: 203 lb. x 1.25 Mcal/lb. =	
253.75 Mcals x 4.10	= \$ 10.40
Plus 359 - 253.75 = 105.25 Mcals	
x 4.50	= 4.74
Barley: 138 lb. x 1.36 Mcal/lb. =	
187.68 Mcals x 4.15	= 7.79
Plus 506 - 187.68 = 318.32 Mcals x	
4.50	14.32

Wheat: 267 Mcals x 4.50 = 12.02
\$49.27

18. Hogs, Weanling to Finish:

Oats: 154 lb. x 1.25 Mcal/lb. =
192.50 Mcals x 4.10 = \$ 7.89

Plus 272 - 192.50 = 79.50 Mcals
x 4.50 = 3.58

Barley: 72 lb. x 1.36 Mcal/lb. =
97.92 Mcals x 4.15 = 4.06

Plus 261 - 97.92 = 163.08 Mcals
x 4.50 = 7.34

Wheat: 207 Mcals x 4.50 = 9.32
\$ 32.19

19. Poultry, Laying Hens:

Oats: 1.81 lb./doz. x 1.25 Mcal/lb. =
2.26 Mcals x 4.10 = \$.09

Plus 2.94 - 2.26 = .68 Mcals x 4.50 = .03

Wheat: 3.50 Mcals x 4.50 = .16
\$.28

20. Poultry, Broilers:

Wheat: 7.77 Mcals x 4.50 = \$.35

21. Turkeys:

Oats: 5.89 lb. x 1.25 Mcal/lb. =
7.36 Mcals x 4.10 = \$.30

Plus 9.58 - 7.36 = 2.22 Mcals x 4.50 = .10

Wheat: 44.82 Mcals x 4.50 = 2.02
\$ 2.42

3.11.2 Cost of Livestock Feed Supplements. The feed supplement portion of the rations were determined as pounds fed per animal per day multiplied by the number of days the animal is on the particular ration. This resulting figure is multiplied by the price per pound of the supplement.

The resulting costs for each animal type are presented in Appendix A of this thesis.

3.12 Derivation of Hay Cost of Production

The yield of hay in tons per acre was estimated by regression analysis of yield per acre over time³⁵ taken from the Manitoba Agriculture Yearbook, for the years 1962-1971.³⁶ The yields are shown in Table 20.

The cost of production per acre was calculated on the basis of estimated labor, machinery and other costs, as follows:

1. Labor Cost -- Manual labor costs were \$1.04 per ton in 1971. The figure used for 1974 was \$1.54 per ton which is an increase of 48.12 percent, that being the increase in the labor index.³⁷ Machine operating costs

³⁵The results of this regression analysis are presented in the data chapter of the report by Framingham, et. al.; op. cit., chapter 3.

³⁶Manitoba Department of Agriculture, op. cit.

³⁷As given in the Manitoba Agriculture Yearbook, 1974; op. cit., p. 103.

Table 20

Estimated Tame Hay Yield by Crop District (1971)^a

Crop District	Hay Yield Tons per Acre
1	1.83
2	1.81
3	1.96
4	2.15
5	1.99
6	1.65
7	1.62
8	1.92
9	2.02
10	1.85
11	1.60
12	1.74
13	2.07
14	1.56

a

The crop district hay yields in this table were estimated by regression analysis for the years 1962-1971. The data used in this analysis was taken from the Manitoba Agriculture Yearbook, 1971, op. cit.

were calculated by the crop simulation model which allows for different costs for small (less than 240 acres) and medium (240-760 acres) sized farms.³⁸ The resulting hay labor costs per ton are illustrated in Table 21.

2. Machinery Cost -- A machinery cost of \$12.34 per ton for the small farm size was used in 1971. This was increased by 18.29 percent to \$14.60 per ton in 1974.³⁹ The medium farm size costs were \$5.27 per ton in 1971 and were increased by 18.29 percent to \$6.23 per ton in 1974.

3. Other Costs -- These costs were \$0.38 per ton for twine and \$0.80 for seed in 1971. Using an increase of 74.96 percent which was the rise in the Materials and Services index⁴⁰ from 1971 to 1974, the costs became \$0.66 per ton for twine and \$1.40 for seed.

Employing these three categories of costs, the crop cost simulation model calculated the hay costs of production per acre for the small and medium sized farms. These costs are shown in Table 22.

38

Large farms (greater than 760 acres) are assumed to have same costs as medium sized farms.

39

This increase is the rise in the machinery cost index as given in the Manitoba Agriculture Yearbook, 1974, op. cit., p. 103.

40

Ibid.

Table 21

The Labor Cost Component of Hay Production
by Crop District and Farm Size (1974)^a

Crop District	Hay Labor Cost per Ton	
	Small Size	Medium Size
	.....Dollars.....	
1	2.38	2.02
2	2.39	2.02
3	2.32	2.12
4	2.25	2.07
5	2.31	2.11
6	2.28	2.17
7	2.49	2.08
8	2.34	1.99
9	2.30	1.97
10	2.38	2.01
11	2.36	2.13
12	2.25	2.14
13	2.17	2.00
14	2.32	2.21

^aThe labor costs per ton illustrated in this table are generated by the crop simulation model, as described in the report by Framingham, et. al. (op. cit., Appendix B.)

Table 22

Cost of Hay Production per Acre
by Crop District (1974)^a

Crop District	Hay Cost of Production per Acre	
	Small Size	Medium Size
	.....Dollars.....	
1	37.16	19.66
2	36.65	19.59
3	39.62	21.64
4	42.82	23.11
5	40.07	21.85
6	34.17	18.64
7	33.30	17.89
8	38.62	20.42
9	40.23	21.30
10	37.18	19.81
11	32.84	18.03
12	35.56	19.28
13	40.77	21.99
14	32.87	18.01

^aThe cost of production figures illustrated in this table are generated by the crop simulation model, as described in the report by Framingham, et. al. (op. cit. Appendix B.)

3.13 Pasture Requirements and Costs

The requirements in acres per cow by crop district are given in the 1971 report by Framingham, et. al.⁴¹ The resulting costs for the livestock enterprises which use pasture are given in Appendix A, Table 38.

3.14 Non-Feed Costs

These costs for the livestock enterprises included in the analysis are presented in Appendix A, Tables 39-59.

3.15 Selling Prices of Livestock Products⁴²

3.15.1 Cattle.

1. Finished Beef. The selling price of \$45.32 per hundredweight was calculated as follows:

Grade	No. Slaughtered	Average Price (\$ per cwt.)	Weighted Average Price (\$ per cwt.)
<u>Steers</u>			
Choice	110,388	48.76	
Good	23,786	47.41	47.21
Medium	4,204	43.40	
Common	<u>20,508</u>	39.36	
	158,886		

⁴¹Framingham, Craddock and Baker, op. cit., chapter 3.

⁴²The following sources were used for these prices: Manitoba Department of Agriculture, Manitoba Agriculture Yearbook, 1974, op. cit., Canada Department of Agriculture, Livestock Market Review. Production and Marketing Branch, Markets Information Section (Ottawa: Queen's Printer, 1974), and Canada Department of Agriculture, Poultry Market Review. Production and Marketing Branch, Markets Information Section (Ottawa: Queen's Printer, 1974).

Grade	No. Slaughtered	Average Price (\$ per cwt.)	Weighted Average Price (\$ per cwt.)
<u>Heifers</u>			
Choice	28,568	41.30	
Good	7,312	39.58	39.34
Medium	909	39.74	
Common	<u>12,470</u>	34.69	
	49,259		

$$\text{Weighting factor for Steers} = \frac{158,886}{208,145} = .76$$

$$\text{Weighting factor for Heifers} = \frac{49,259}{208,145} = .24$$

Thus through the calculation $(47.21 \times .76) + (39.34 \times .24)$ a price of \$45.32 per hundredweight was determined.

2. Feeders. The selling price of \$39.29 per hundredweight for 700 pound feeders was calculated as follows:

Grade	Price (\$ per cwt.)	Simple Average Price (\$ per cwt.)
<u>Steers</u>		
Good	40.62	40.67
Common	40.72	
<u>Heifers</u>		
Good	33.24	34.67
Common	36.09	

$$\text{Weighting factor for Steers} = \frac{25,221}{32,668} = .77$$

$$\text{Weighting factor for Heifers} = \frac{7,447}{32,668} = .23$$

Thus through the calculation $(40.67 \times .77) + (34.67 \times .23)$ a price of \$39.29 per hundredweight was determined.

3. Stocker calves. The selling price of \$36.40 per hundredweight for 500 pound stocker calves was calculated as a simple average of the prices for the grades involved.

Grade	Price (\$ per cwt.)	Simple Average Price (\$ per cwt.)
Good Steers (401 to 575 lbs.)	41.90	
Common Steers (300 to 400 lbs.)	36.84	
(Under 300 lbs.)	37.94	36.40
Good Heifers (300 to 400 lbs.)	36.46	
Common Heifers (Under 300 lbs.)	28.85	

4. Veal. The weighted average price of \$41.22 per hundredweight for 300 pound veal calves was calculated as follows:

Grade	Price (\$ per cwt.)
A) Choice and Good Veal	70.30
B) Choice and Good Butcher	36.92
C) Medium and Common (all weights)	41.01

$$\text{Weighting factor for (A)} = \frac{1,143}{15,488} = .0738$$

$$\text{Weighting factor for (B)} = \frac{7,395}{15,488} = .4775$$

$$\text{Weighting factor for (C)} = \frac{6,950}{15,488} = .4487$$

Thus $(70.30 \times .0738) + (36.92 \times .4775) + (41.01 \times .4487) =$
\$41.22 per hundredweight.

5. New born dairy calves. An initial selling price of \$15.00 per calf was taken. This was multiplied by 70 percent for calving percentage and by .75 as 25 percent of all calves (i.e., 50 percent of females) are kept as replacements. Thus the result was a new born dairy calf revenue per cow of \$7.88.

6. Cows. The simple average price of \$26.57 per hundredweight was derived as follows:

Grade	Price (\$ per cwt.)	Simple Average Price (\$ per cwt.)
Good	27.12	
Medium	25.99	26.57
Canners and Cutters	26.60	

7. Bulls. The price of \$33.66 per hundredweight is given in Manitoba Agriculture Yearbook, 1974.⁴³

43

Manitoba Department of Agriculture, op. cit.

3.15.2 Hogs.

1. Finished Hogs. The following formula was employed to convert the price of \$46.12 per live hundredweight to a dressed carcass price:

$$\sum_{\text{Index} = 1}^n \left[\begin{array}{l} \text{Carcass} \\ \text{Grade} \\ \text{Index} \end{array} \times \begin{array}{l} \text{Average Price} \\ (\$ \text{ per live} \\ \text{hundredweight}) \end{array} \right] \times \frac{\text{no. of hogs per index}}{\text{total no. of market hogs}}$$

The resulting dressed price was \$45.04 per hundredweight. Assuming a dressing percentage of 75 percent the price per finished hog was estimated to be:

$$(45.04 \times 2 \text{ hundredweight}) \times 75 \text{ percent} = \$67.56 \text{ per hog}$$

2. Sows. An average price of \$28.28 per hundredweight of dressed carcass was used. This was adjusted by 75 percent for dressing out, and the price per sow was calculated as follows:

$$(28.28 \times 4 \text{ hundredweight}) \times 75 \text{ percent} = \$84.84 \text{ per sow}$$

3. Boars. As a price is not quoted for boars in the Livestock Market Review,⁴⁴ the selling price was increased from the 1971 price by the increase in the dressed price for sows. This increase from 1971 to 1974 was 85.20 percent and it raised the price per hundredweight of dressed carcass from \$12.00 in 1971 to \$22.22 in 1974.

⁴⁴Canada Department of Agriculture, op. cit.

Assuming a dressing percentage of 75 percent and a liveweight of 400 pounds, the price per boar was estimated to be:

$$(22.22 \times 4 \text{ hundredweight}) \times 75 \text{ percent} = \$66.66 \text{ per boar}$$

4. Weanlings. As no price was quoted for Winnipeg in the Livestock Market Review,⁴⁵ a simple average was taken of the high and low prices for the other centers. This resulted in a price of \$30.68 per weanling.

3.15.3 Poultry.

1. Eggs. The price of 56.06 cents per dozen used in the study was a weighted average price calculated as follows:

Grade	Eggs Sold (Thousand cases of 30 Dozen)	Percent Distribution	Price to Producers (¢ per dozen)	Weighted Price Per Grade (¢ per dozen)
AL	766.3	61.53	59.6	36.6719
AM	337.9	27.13	55.3	15.0029
AS	75.9	6.09	43.2	2.6309
APW	5.9	.48	20.4	.0979
B	39.8	3.20	41.9	1.3408
C	19.6	1.57	19.8	.3109
	<u>1,245.4</u>	<u>100.00</u>		<u>56.0553</u>

Hence, the price per dozen = 56.06 cents.

⁴⁵ Ibid.

2. Broilers. A price of \$1.35 per bird was used in the study. The following procedure was employed to derive the weighted liveweight price:

$$\begin{aligned} \text{Weighted Price} &= \frac{\# < 4 \text{ lbs.}}{\text{Total Weight}} \times P < 5 \text{ lbs.} \\ &+ \frac{\# > 4 \text{ lbs.}}{\text{Total Weight}} \times P > 5 \text{ lbs.} \end{aligned}$$

$$\begin{aligned} \therefore \text{Weighted Price} &= \frac{22,216,169}{24,750,100} \times 34.1\text{¢ per lb.} \\ &+ \frac{2,533,931}{24,750,100} \times 38.1\text{¢ per lb.} \\ &= 30.69 + 3.81 \\ &= 34.50\text{¢ per lb. (liveweight)} \end{aligned}$$

The next step was to calculate the average weight of a bird. A dressing percentage of 75 percent was assumed, and the following method used:

$$\begin{aligned} \text{Average Slaughtered Weight} &= \frac{\text{Total Weight of Birds Slaughtered}}{\text{Total Number of Birds Slaughtered}} \div 75\% = \frac{24,750,100}{8,433,277} \div 75\% \\ &= 3.91 \text{ pounds (liveweight)} \end{aligned}$$

Hence, the average value per bird = 34.50¢ x 3.91 lb. = \$1.35.

3. Turkeys. The average liveweight for each bird was calculated using the following procedure, assuming a dressing percentage of 82 percent:

$$\begin{aligned} \frac{\text{Total weight of Turkeys}}{\text{Number of Birds}} \div 82\% &= \frac{18,900,879}{1,257,436} \div 82\% \\ &= 18.33 \text{ lb. (liveweight)} \end{aligned}$$

The procedure used to derive the weighted average price per pound was as follows:

Weight per Bird (Dressed)	Total Pounds (Dressed)	Price per lb. cents	Weighting Factor
12 pounds and less	3,072,829	41.4	.1626
12 to 20 pounds	5,804,372	41.8	.3071
20 pounds and up	10,023,678	39.1	.5303
	18,900,879		

The average price per pound used was therefore:

$$(.1626 \times 41.4) + (.3071 \times 41.8) + (.5303 \times 39.1) = 40.30\text{¢ per lb.}$$

Hence, the average value per bird = 18.33 lb. x 40.30¢ per lb. = \$7.39 per bird.

3.15.4 Culls. The value of culls was determined relative to each unit of product produced. These values were determined using livestock selling prices and specified production percentages and rates of replacement; as outlined below:

1. Beef Herd.

$$\text{Cows } 10.5 \text{ cwt.} \times \$26.57 \text{ per cwt.} = \$278.99$$

$$278.99 \div .70 \div 4 = \$ 99.64$$

$$\text{Bulls } 18.5 \text{ cwt.} \times \$33.66 \text{ per cwt.} = \$622.71$$

$$622.71 \div .70 \div 4 \div 29 = \underline{7.67}$$

$$\underline{\$107.31}$$

The value of culls allocated per calf produced was therefore \$107.31. The division by .70 is to allow for a calving percentage of 70 percent. The division by four is to allow for a cow being culled from the herd every four years. The division by 29 is to allow for a cow to bull ratio of 29:1.

2. Dairy Herd.

Cows 12 cwt. x \$26.57 per cwt. = \$318.84

318.84 ÷ 4 = \$79.71

Bulls 22 cwt. x \$33.66 per cwt. = \$740.52

740.52 ÷ 4 ÷ 29 = 6.38

\$86.09

The value of culls allocated per cow was therefore \$86.09. The division by four is to allow for a cow being culled from the herd every four years. The division by 29 is to allow for a cow to bull ratio of 29:1.

3. Hogs.

Sows \$84.84 ÷ 13 ÷ 3 = \$2.18

Boars \$66.66 ÷ 13 ÷ 3 ÷ 15 = .11

\$2.29

The value of culls allocated per weanling produced was therefore \$2.29. The division by 13 is to allow for the value to be allocated to all weanlings produced. The division by three is to allow for sows being culled from the herd every three years. The division by 15 is to allow for a sow to boar ratio of 15:1.

4. Poultry.

Using data of number of birds and their dressed weight, an average liveweight for each bird was calculated as follows:⁴⁶

$$\frac{\text{Total Weight}}{\text{Number of Birds}} \div .75 = \frac{3,044,240}{1,140,977} \div .75 = 3.56 \text{ lbs. per bird (liveweight)}$$

The price of this weight category was taken from the Poultry Market Review, 1974⁴⁷ as 6.8¢ per pound live-weight.

The average value per bird was therefore calculated to be:

$$3.56 \text{ pounds} \times 6.8\text{¢ per pound} = 24.21\text{¢ per bird}$$

The assumption was made that the birds would be replaced every year and therefore this price per bird was allocated to each dozen eggs produced, as follows:

$$213 \text{ eggs per bird per year} = 17.75 \text{ dozen}$$

$$\text{Therefore, } \frac{24.21\text{¢ per bird}}{17.75 \text{ dozen eggs per bird}} = 1.3639\text{¢ per dozen.}$$

3.16 Livestock Incomes

Given the costs of production and the final product prices, the net livestock incomes used in the analysis are shown in Appendix A, Tables 60-80.

⁴⁶ Assuming a dressing percentage of 75 percent.

⁴⁷ Canada Department of Agriculture, op. cit.

3.17 Livestock Transportation Costs⁴⁸

3.17.1 Cattle and Hogs. Transportation rates were specified for the following three categories of livestock movement.

1. Within the Crop Districts.
2. From each Crop District to Market in Winnipeg.
3. From each Crop District to the Adjacent Crop District. A central point was chosen for each crop district as that region's shipment point. A list of these centres is given in Table 23.

3.17.2 Movement Within Crop Districts. The average distance of livestock movement, from farm to transportation center, was taken to be 33 miles, and the areas covered by this 33 mile radius are shown in the map in Figure 3.1.

The 33 mile charge was taken to be 44¢ per hundred-weight and therefore the animals for which transportation cost data were required and the cost per animal was:

- (a) 500 pound calf -- \$2.20
- (b) 700 pound calf -- \$3.08
- (c) 50 pound weanling -- \$0.22

3.17.3 From Specified Centers to Market in Winnipeg. The mileages from each center to Winnipeg and the resulting charges are given in Table 24.

⁴⁸Transportation rate charges supplied by Mr. Jim Bray, Economics Branch, Manitoba Department of Agriculture.

Table 23

Crop District Transportation Centers

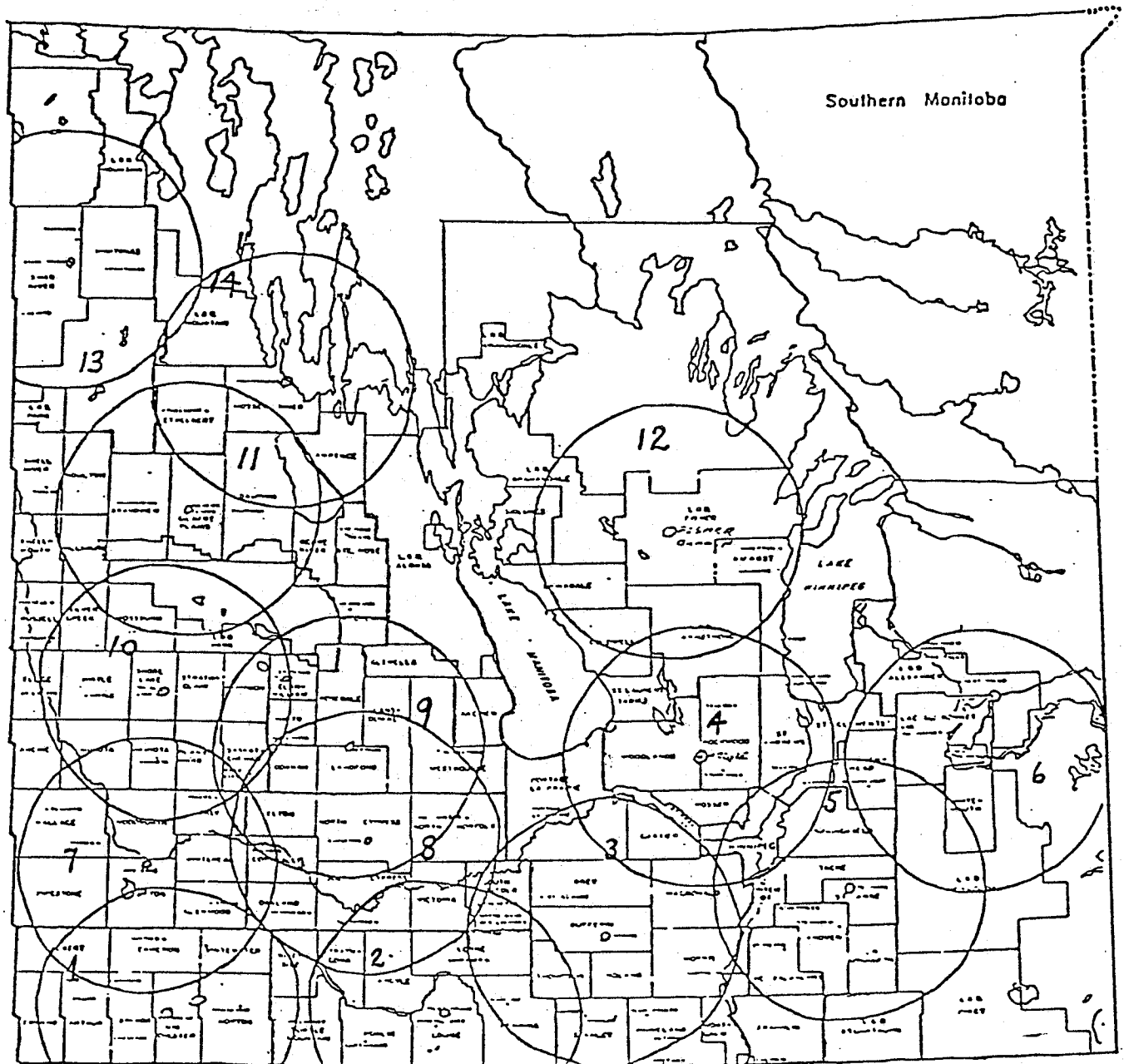
Crop District	Designated Center	Distance from Winnipeg (Miles)
1	Deloraine	185
2	Pilot Mound	110
3	Carman	49
4	Argyle	26
5	Ste. Anne	28
6	Pinawa	69
7	Oak Lake	164
8	Carberry	107
9	Neepawa	118
10	Shoal Lake	173
11	Gilbert Plains	221
12	Fisher Branch	101
13	Swan River	311
14	Winnipegosis	238

Table 24

Subregion Center--Winnipeg Transportation Rates
by Type of Animal (1974)^a

Subregion Number and Center Crop District	Center	Distance to Winnipeg	Rate ¢/cwt.	Cost Type of Animal and Weight					
				Beef			Pork		
				300 lb.	500 lb.	1,000 lb.	1,050 lb.	1,170 lb.	200 lb.
				.....dollars.....					
1	Deloraine	185	97.5	2.93	4.88	9.75	10.24	11.41	1.95
2	Pilot Mound	110	71.0	2.13	3.55	7.10	7.46	8.31	1.42
3	Carman	49	50.0	1.50	2.50	5.00	5.25	5.85	1.00
4	Argyle	26	41.5	1.25	2.08	4.15	4.36	4.86	.83
5	Ste. Anne	28	42.5	1.28	2.13	4.25	4.46	4.97	.85
6	Pinawa	69	56.5	1.70	2.83	5.65	5.93	6.61	1.13
7	Oak Lake	164	90.5	2.72	4.53	9.05	9.50	10.59	1.81
8	Carberry	107	68.5	2.06	3.43	6.85	7.19	8.01	1.37
9	Neepawa	118	74.0	2.22	3.70	7.40	7.77	8.66	1.48
10	Shoal Lake	173	93.0	2.79	4.65	9.30	9.77	10.88	1.86
11	Gilbert Plains	221	110.5	3.32	5.53	11.05	11.60	12.93	2.21
12	Fisher Branch	101	67.5	2.03	3.38	6.75	7.09	7.90	1.35
13	Swan River	311	142.5	4.28	7.13	14.25	14.96	16.67	2.85
14	Winnipegosis	238	116.0	3.48	5.80	11.60	12.18	13.57	2.32

^aThe basic transportation rates (expressed as cents per hundredweight), for the haulage distances involved, were supplied by Mr. Jim Bray, Economics Branch, Manitoba Department of Agriculture, Winnipeg, Manitoba.



Scale: 1 m.m. = 1.38 mile

Figure 3.1

Area Covered by the 33 Mile Radius Surrounding
Each Designated Center Selected for
Calculation of Transportation Costs
for Commodity Movement Within
Crop Districts

3.17.4 From Crop District Center to Adjacent Crop District Centers. The mileages and cost per animal type are given by subregion and center of origin and subregion and center of destination in Table 25.

3.17.5 Turkeys and Broilers.⁴⁹ Turkeys and broilers are transported live to the killing stations at: Morden, Steinbach, Blumenort, Winnipeg, and Neepawa.

The charges for turkeys are: (F.O.B. Plant)

53¢ per cwt. 0-40 mile radius

80¢ per cwt. 40-100 mile radius

113¢ per cwt. 100-150 mile radius

156¢ per cwt. > 150 mile radius

Using these charges, the costs for transporting turkeys to the killing stations are shown in Table 26.

Broilers are F.O.B. farm and therefore the transportation costs are borne by the processors. Hence no broiler transport costs were included in the analysis.

3.17.6 Eggs.⁵⁰ A flat rate of 1.5¢ per dozen was assumed and used in the study.

⁴⁹ Transportation charges for this animal type supplied by Mr. G. Frost of Manitoba Dairy and Poultry.

⁵⁰ Information on these charges was received from Mr. Herb Andrews of the Manitoba Egg Board.

Table 25

Interregional Transportation Costs for Transporting Livestock Between
Adjacent Subregions by Center and Subregion of Origin and
Destination and Type and Weight of Livestock (1974)^a

Origin Subregion Center	Destination Subregion Center	Distance	Rate ¢/cwt.	Type and Weight of Animal			
				Beef			Pork
				100 lb.	500 lb.	700 lb.	50 lb.
.....dollars.....							
1. Deloraine	2 Pilot Mound	88	63.0	.63	3.15	4.41	.32
	7 Oak Lake	52	50.5	.51	2.53	3.54	.25
	8 Carberry	96	65.5	.66	3.28	4.59	.33
2. Pilot Mound	1 Deloraine	88	63.0	.63	3.15	4.41	.32
	8 Carberry	47	48.0	.48	2.40	3.36	.24
	3 Carman	63	54.0	.54	2.70	3.78	.27
3. Carman	2 Pilot Mound	63	54.0	.54	2.70	3.78	.27
	8 Carberry	95	65.0	.65	3.25	4.55	.33
	9 Neepawa	107	69.5	.70	3.48	4.87	.35
	4 Argyle	79	59.5	.60	2.98	4.17	.30
	5 Ste. Anne	73	58.0	.58	2.90	4.06	.29
4. Argyle	3 Carman	79	59.5	.60	2.98	4.17	.30
	5 Ste. Anne	52	50.5	.51	2.53	3.54	.25
	12 Fisher Branch	64	55.0	.55	2.75	3.85	.28
5. Ste. Anne	3 Carman	73	58.0	.58	2.90	4.06	.29
	4 Argyle	52	50.5	.51	2.53	3.54	.25
	6 Pinawa	63	54.0	.54	2.70	3.78	.27
	12 Fisher Branch	127	77.0	.77	3.85	5.39	.39
6. Pinawa	5 Ste. Anne	63	54.0	.54	2.70	3.78	.27
7. Oak Lake	1 Deloraine	52	50.5	.51	2.53	3.54	.25
	8 Carberry	56	51.5	.52	2.58	3.61	.26
	10 Shoal Lake	48	48.5	.49	2.43	3.40	.24

(Continued)

Table 25-continued

Origin Subregion Center	Destination Subregion Center	Distance	Rate ¢/cwt.	Type and Weight of Animal			
				Beef			Pork
				100 lb.	500 lb.	700 lb.	50 lb.
8. Carberry	1 Deloraine	96	65.5	.66	3.28	4.59	.33
	2 Pilot Mound	47	48.0	.48	2.40	3.36	.24
	3 Carman	95	65.0	.65	3.25	4.55	.33
	7 Oak Lake	56	51.5	.52	2.58	3.61	.26
	9 Neepawa	22	39.5	.40	1.98	2.77	.20
	10 Shoal Lake	75	58.5	.59	2.93	4.10	.29
9. Neepawa	3 Carman	107	69.5	.70	3.48	4.87	.35
	8 Carberry	22	39.5	.40	1.98	2.77	.20
	10 Shoal Lake	55	51.5	.52	2.58	3.61	.26
	11 Gilbert Plains	108	69.0	.69	3.45	4.83	.35
	14 Winnipegosis	120	75.0	.75	3.75	5.25	.38
10. Shoal Lake	7 Oak Lake	48	48.5	.49	2.43	3.40	.24
	8 Carberry	75	58.5	.59	2.93	4.10	.29
	9 Neepawa	55	51.5	.52	2.58	3.61	.26
	11 Gilbert Plains	110	71.0	.71	3.55	4.97	.36
	11. Gilbert Plains	10 Shoal Lake	110	71.0	.71	3.55	4.97	.36
9 Neepawa		108	69.0	.69	3.45	4.83	.35
13 Swan River		100	67.0	.67	3.35	4.69	.34
14 Winnipegosis		56	51.5	.52	2.58	3.61	.26
12. Fisher Branch		4 Argyle	64	54.5	.55	2.73	3.82	.27
	5 Ste. Anne	127	77.0	.77	3.85	5.39	.39
	14 Winnipegosis	145	83.5	.84	4.18	5.85	.42
	13. Swan River	11 Gilbert Plains	100	67.0	.67	3.35	4.69	.34
14 Winnipegosis		86	63.0	.63	3.15	4.41	.32
14. Winnipegosis		9 Neepawa	120	75.0	.75	3.75	5.25	.38
	11 Gilbert Plains	56	51.5	.52	2.58	3.61	.26
	12 Fisher Branch	145	83.5	.84	4.18	5.85	.42
	13 Swan River	86	63.0	.63	3.15	4.41	.32

^aThe basic transportation rates (expressed as cents per hundredweight), for the haulage distances involved, were supplied by Mr. Jim Bray, Economic Branch, Manitoba Department of Agriculture, Winnipeg, Manitoba.

Table 26

Interregional Turkey Transportation Costs (1974)^a

Subregion and Center of Origin	Center of Destination	Distance	Cost per 100 lbs. \$	Cost per 18.17 lb. Bird ¢
1 Deloraine	Morden	125	1.13	20.55
Deloraine	Neepawa	118	1.13	20.55
2 Pilot Mound	Morden	49	0.80	14.55
3 Carman	Winnipeg	49	0.80	14.55
Carman	Winkler	24	0.53	9.64
4 Argyle	Winnipeg	26	0.53	9.64
5 Ste. Anne	Winnipeg	29	0.53	9.64
Ste. Anne	Steinbach	11	0.53	9.64
6 Pinawa	Steinbach	75	0.80	14.55
Pinawa	Winnipeg	69	0.80	14.55
7 Oak Lake	Neepawa	76	0.80	14.55
8 Carberry	Neepawa	33	0.53	9.64
9 Neepawa	Neepawa	-	0.53	9.64
10 Shoal Lake	Neepawa	55	0.80	14.55
11 Gilbert Plains	Neepawa	112	1.13	20.55
12 Fisher Branch	Winnipeg	101	1.13	20.55
13 Swan River	Neepawa	196	1.56	28.36
14 Winnipegosis	Neepawa	120	1.56	28.36

^aThe basic transportation rates (expressed as dollars per hundredweight), for the haulage distances involved, were supplied by Mr. G. Frost of Manitoba Dairy and Poultry, Winnipeg, Manitoba.

3.17.7 Culled Animals and Poultry. Transportation costs for culled animals and poultry were calculated relative to culling rates in terms of the transportation costs and rates discussed above.

1. Beef Herd.

$$\text{Cows} = \text{weight (cwt.)} \times \text{cost} \div 70 \text{ percent} \div 4$$

The division by 70 percent accounts for calving percentage and the division by four is due to the assumption that a cow is culled every four years.

$$\begin{aligned} \text{Bulls} &= \text{weight (cwt.)} \times \text{cost} \div 70 \text{ percent} \div 4 \\ &\div 29 \end{aligned}$$

The same method was employed as for cows and the division by 29 is used as it was assumed that the cow to bull ratio was 29:1.

The estimated transportation costs per calf are shown in Table 27.

2. Dairy Herd.

$$\text{Cows} = \text{weight (cwt.)} \times \text{cost} \div 4$$

The division by four is to account for a cow being culled every four years.

$$\text{Bulls} = \text{weight (cwt.)} \times \text{cost} \div 4 \div 29$$

The division by four is to account for a cow being culled every four years and the division by 29 is used as it was assumed that the cow to bull ratio was 29:1.

The estimated transportation costs per cow are shown in Table 28.

Table 27

Estimated Costs for Transporting Culled Livestock
by Crop District (Beef Herd) 1974^a

Crop District	Miles to Winnipeg	Rate per 100 pounds (¢)	Cows Rate x 10.5	Cost per Calf (\$)	Bulls Rate x 18.5	Cost per Calf (\$)
1	185	97.5	10.24	3.66	18.04	.22
2	110	71.0	7.46	2.67	13.14	.16
3	49	50.0	5.25	1.88	9.25	.11
4	26	41.5	4.36	1.56	7.68	.09
5	28	42.5	4.46	1.59	7.86	.10
6	69	56.5	5.93	2.12	10.45	.13
7	164	90.5	9.50	3.39	16.74	.21
8	107	68.5	7.19	2.57	12.67	.16
9	118	74.0	7.77	2.78	13.69	.17
10	173	93.0	9.77	3.49	17.21	.21
11	221	110.5	11.60	4.14	20.44	.25
12	101	67.5	7.09	2.53	12.49	.15
13	311	142.5	14.96	5.34	26.36	.32
14	238	116.0	12.18	4.35	21.46	.26

^a The basic transportation rates (expressed as cents per hundredweight), for the haulage distances involved, were supplied by Mr. Jim Bray, Economics Branch, Manitoba Department of Agriculture, Winnipeg, Manitoba.

Table 28

Estimated Costs for Transporting Culled Livestock
by Crop District (Dairy Herd) 1974^a

Crop District	Miles to Winnipeg	Rate per 100 pounds (¢)	Cows Rate x 12	Cost per Cow (\$)	Bulls Rate x 22	Cost per Cow (\$)
1	185	97.5	11.70	2.93	21.45	.18
2	110	71.0	8.52	2.13	15.62	.13
3	49	50.0	6.00	1.50	11.00	.09
4	26	41.5	4.98	1.25	9.13	.08
5	28	42.5	5.10	1.28	9.35	.08
6	69	56.5	6.78	1.70	12.43	.11
7	164	90.5	10.86	2.72	19.91	.17
8	107	68.5	8.22	2.06	15.07	.13
9	118	74.0	8.88	2.22	16.28	.14
10	173	93.0	11.16	2.79	20.46	.18
11	221	110.5	13.26	3.32	24.31	.21
12	101	67.5	8.10	2.03	14.85	.13
13	311	142.5	17.10	4.28	31.35	.27
14	238	116.0	13.92	3.48	25.52	.22

^a The basic transportation rates (expressed as cents per hundredweight), for the haulage distances involved, were supplied by Mr. Jim Bray, Economics Branch, Manitoba Department of Agriculture, Winnipeg, Manitoba.

3. Hogs.

$$\text{Sows} = \text{weight (cwt.)} \times \text{cost} \div 13 \div 3$$

The division by 13 was to allow for the allocation of costs to each weanling produced per sow and the division by three is to allow for a sow being culled from the herd every three years.

$$\text{Boars} = \text{weight (cwt.)} \times \text{cost} \div 13 \div 3 \div 15$$

The same method was used as for sows and the division by 15 was to allow for a sow to boar ratio of 15:1.

The estimated transportation costs per weanling are shown in Table 29.

3.18 Operating Capital Requirements

3.18.1 Crops. For wheat, rapeseed, oats, barley, rye and flax these requirements are identified with an asterisk in Appendix A, Tables 3-30.

For sunflowers, sugar beets and potatoes these requirements are identified with an asterisk in Appendix A, Tables 31-33.

3.18.2 Livestock. For the livestock enterprises included in the analysis, the operating capital requirements are identified with an asterisk in Appendix A, Tables 39-59.

Table 29

Estimated Costs for Transporting Culled
Hogs by Crop District (1974)^a

Crop District	Miles to Winnipeg	Rate per 100 pounds (¢)	Sows Rate x 4	Boars Rate x 4	Cost per Weanling (Sows + Boars) \$
1	185	97.5	.1000	.0067	.11
2	110	71.0	.0728	.0049	.08
3	49	50.0	.0513	.0034	.06
4	26	41.5	.0426	.0028	.05
5	28	42.5	.0436	.0029	.05
6	69	56.5	.0579	.0039	.06
7	164	90.5	.0928	.0062	.10
8	107	68.5	.0703	.0047	.08
9	118	74.0	.0759	.0051	.08
10	173	93.0	.0954	.0064	.10
11	221	110.5	.1133	.0076	.12
12	101	67.5	.0692	.0046	.07
13	311	142.5	.1462	.0097	.16
14	238	116.0	.1190	.0079	.13

a

The basic transportation rates (expressed as cents per hundredweight), for the haulage distances involved, were supplied by Mr. Jim Bray, Economics Branch, Manitoba Department of Agriculture, Winnipeg, Manitoba.

CHAPTER 4

ANALYSIS AND RESULTS

4.1 Analysis Conducted

The linear programming model, which is described in chapter two of this thesis, was solved three times as follows:

1. Present Trend 1971 -- Employing all technical, and price and cost relationships based on 1971 data; the solution values (in physical quantities) of the commodities included in the analysis were constrained by lower and upper limits of 80 percent and 120 percent of the actual 1971 levels. This range of ± 20 percent was assumed to be the maximum possible movement which could be expected in any five year period.

2. Constrained Optimum 1971 -- Employing the same relationships as for the previous solution with changes in certain livestock and income restraints. The results from the first solution show that a negative income is generated per farm in the medium size class in all crop districts, except crop districts 12 and 14. Therefore as a proxy for the Farm Diversification Program (F.D.P.), this constrained solution gives a zero income for the medium farm size in all crop districts. This was achieved by:

(a) removal of the upper limit restraints for calves, stockers and feeders from the provincial beef herd,⁵¹ and

(b) setting the income rows in the medium farm size class as strict equalities (equal to zero).

The effect of these two types of restraint changes is to show how much these classes of livestock would have to increase by to ensure that farmers in the medium size class could attain a "break-even" position.

3. Present Trend 1974 -- Employing all technical relationships based on 1971 levels (as for the previous two solutions), but with price and cost relationships updated to 1974; as outlined in the data chapter of this thesis.

In the following section the results of solutions one and three are presented and compared. Histograms are also presented to compare crop and livestock production values, resulting from the three solutions, with the actual production levels for 1971. The intent of these comparisons is to indicate the increase and redistribution of production which could be expected from an upward movement in commodity and factor prices. By comparing solutions one and three it is possible to show what the levels

⁵¹An upper limit of 120 percent of the 1971 level was maintained for these classes of livestock from the provincial dairy herd. If this restraint was also removed, then excess milk production would result.

of production and per farm incomes might have been in 1971 if farmers had been faced with the high prices and costs of a year such as 1974 instead of the low prices and costs which they experienced in 1971.

Finally, comparisons are made with particular reference to solution two to examine farm incomes, level of farm employment and production patterns which result from expanding livestock numbers with low prices and costs or expanding crop production with high prices and costs.

4.2 Comparison of Present Trend 1971 with Present Trend 1974

The dollar values of (a) total production per farm, (b) crop production per farm, and (c) livestock production per farm are presented in Tables 30, 31 and 32, respectively.⁵² Crop production on the small farm size increased by 314 percent when 1974 prices and costs were substituted for the 1971 values, with the largest increase in the Interlake region. The increase for the medium farm size was 302 percent, with the largest increase again in the Interlake region. The increase in the large farm size

⁵²The solutions of the linear programming model are given in terms of physical units of each commodity produced. These resulting production figures for each commodity are multiplied by their unit sale prices to arrive at the dollar value of production which are presented in the tables. The assumption is made that everything produced is sold and therefore inventory at the beginning and end of each production period is not considered.

Table 30

Comparison of Total Production per Farm for Present Trend Solutions
based on 1971 and 1974 Prices and Costs in the Five Manitoba
Department of Agriculture Administrative Regions (Dollars)

	Present Trend 1971 ^a			Present Trend 1974 ^b					
	Size 1	Size 2	Size 3	Size 1		Size 2		Size 3	
Interlake	2,529	12,247	49,117	7,585	(199.92) ^c	29,855	(143.77)	112,579	(129.21)
Eastern	2,227	10,935	49,867	7,078	(217.83)	30,686	(180.62)	122,378	(145.41)
Central	3,310	11,794	50,709	10,439	(215.38)	34,092	(189.06)	137,344	(170.85)
South West	3,388	11,098	41,926	11,197	(230.49)	34,058	(206.88)	112,782	(169.00)
North West	3,377	12,170	37,198	10,653	(215.46)	34,750	(185.54)	97,910	(163.21)
Province	2,965	11,594	46,023	9,397	(216.93)	33,464	(188.63)	120,372	(161.55)

^aSee Appendix B, Tables 101-106.

^bSee Appendix C, Tables 127-132.

^cFigures in brackets denote the percentage increase of the Present Trend (1974) solution values over those for the 1971 solution.

Table 31

Comparison of Crop Production per Farm for Present Trend Solutions
based on 1971 and 1974 Prices and Costs in the Five Manitoba
Department of Agriculture Administrative Regions (Dollars)

	Present Trend 1971 ^a			Present Trend 1974 ^b					
	Size 1	Size 2	Size 3	Size 1		Size 2		Size 3	
Interlake	1,031	3,271	9,674	5,005	(385.45) ^c	15,011	(358.91)	40,806	(321.81)
Eastern	1,081	3,846	10,334	4,885	(351.90)	17,304	(349.92)	46,363	(348.65)
Central	2,249	7,027	26,048	8,548	(280.08)	25,618	(264.57)	92,027	(253.30)
South West	2,333	6,205	19,749	9,486	(306.60)	26,169	(321.74)	76,799	(288.88)
North West	2,109	6,341	16,176	8,664	(310.81)	25,531	(302.63)	64,602	(299.37)
Province	1,770	5,953	19,087	7,337	(314.52)	23,944	(302.22)	72,591	(280.32)

^aSee Appendix B, Tables 101-106.

^bSee Appendix C, Tables 127-132.

^cFigures in brackets denote the percentage increase of the Present Trend (1974) solution values over those for the 1971 solution.

Table 32

Comparison of Livestock Production per Farm for Present Trend Solutions
based on 1971 and 1974 Prices and Costs in the Five Manitoba
Department of Agriculture Administrative Regions (Dollars)

	Present Trend 1971 ^a			Present Trend 1974 ^b					
	Size 1	Size 2	Size 3	Size 1	Size 2	Size 3			
Interlake	1,498	8,976	39,443	2,580	(72.23) ^c	14,844	(65.37)	71,773	(81.97)
Eastern	1,147	7,088	39,533	2,193	(91.19)	13,382	(88.80)	76,016	(92.28)
Central	1,061	4,767	24,661	1,891	(78.23)	8,474	(77.76)	45,316	(83.76)
South West	1,055	4,894	22,176	1,711	(62.18)	7,889	(61.20)	35,983	(62.26)
North West	1,269	5,829	21,022	1,989	(56.74)	9,218	(58.14)	33,308	(58.44)
Province	1,195	5,641	26,937	2,060	(72.38)	9,520	(68.76)	47,781	(77.38)

^aSee Appendix B, Tables 101-106.

^bSee Appendix C, Tables 127-132.

^cFigures in brackets denote the percentage increase of the Present Trend (1974) solution values over those for the 1971 solution.

was 280 percent and the region showing the largest increase was the Eastern region.

Livestock production increased by 72 percent on the small farm size, 69 percent for the medium farm size and 77 percent for the large farm size with the largest increases taking place in the Eastern region.

The difference between the large increases for crop production and the relatively small increases for livestock production (approximately one quarter the magnitude as for crops) is due to the high price for grains in 1974 as against the price in 1971. A high selling price ensures a greater return (as long as the increase in commodity price is greater than the increase in factor prices) in 1974 than in 1971. However these high prices affect the feed grain price and thus make livestock less competitive in 1974 than it was in 1971.

The histograms shown in Figures 4.1 to 4.5 illustrate crop and livestock production levels for the two solutions under discussion.⁵³ These figures indicate that with 1974 prices and costs:

1. livestock production is predominant in the Interlake and Eastern regions, and

⁵³The information used to derive these histograms is given in this thesis in the following tables:-
 1971; Appendix E, Tables 179-183.
 1971 Present Trend; Appendix B, Tables 101-105.
 1971 Constrained Optimum; Appendix D, Tables 153-157.
 1974 Present Trend; Appendix C, Tables 127-131.

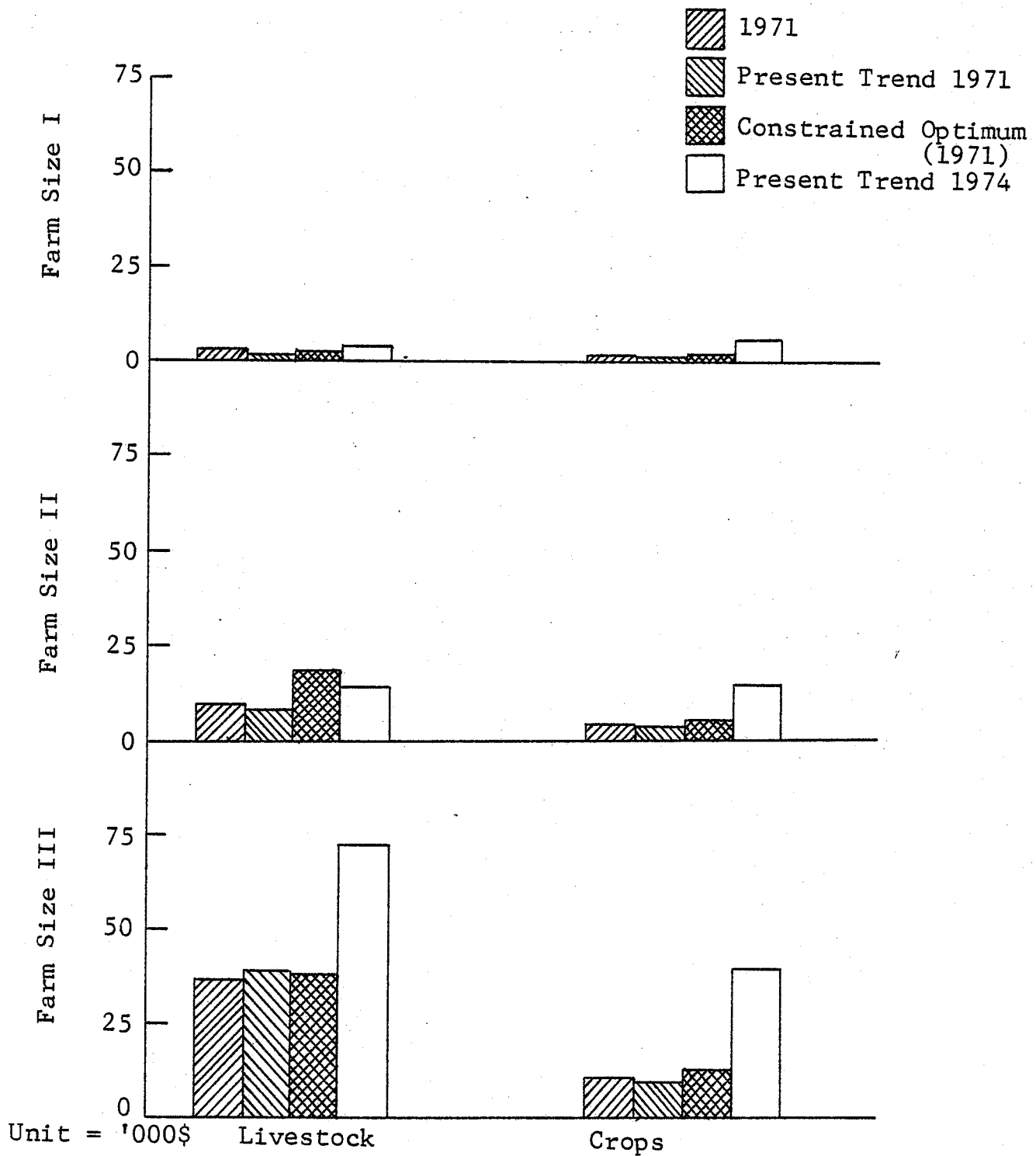


Figure 4.1

Per Farm Value of Livestock and Crop Production in the INTERLAKE Region Under 1971, Present Trend Directions And Constrained Optimum Policies

SOURCES: Derived from the following Appendix Tables:
 1971; Appendix E, Table 179.
 1971 Present Trend; Appendix B, Table 101.
 1971 Constrained Optimum; Appendix D, Table 153.
 1974 Present Trend; Appendix C, Table 127.

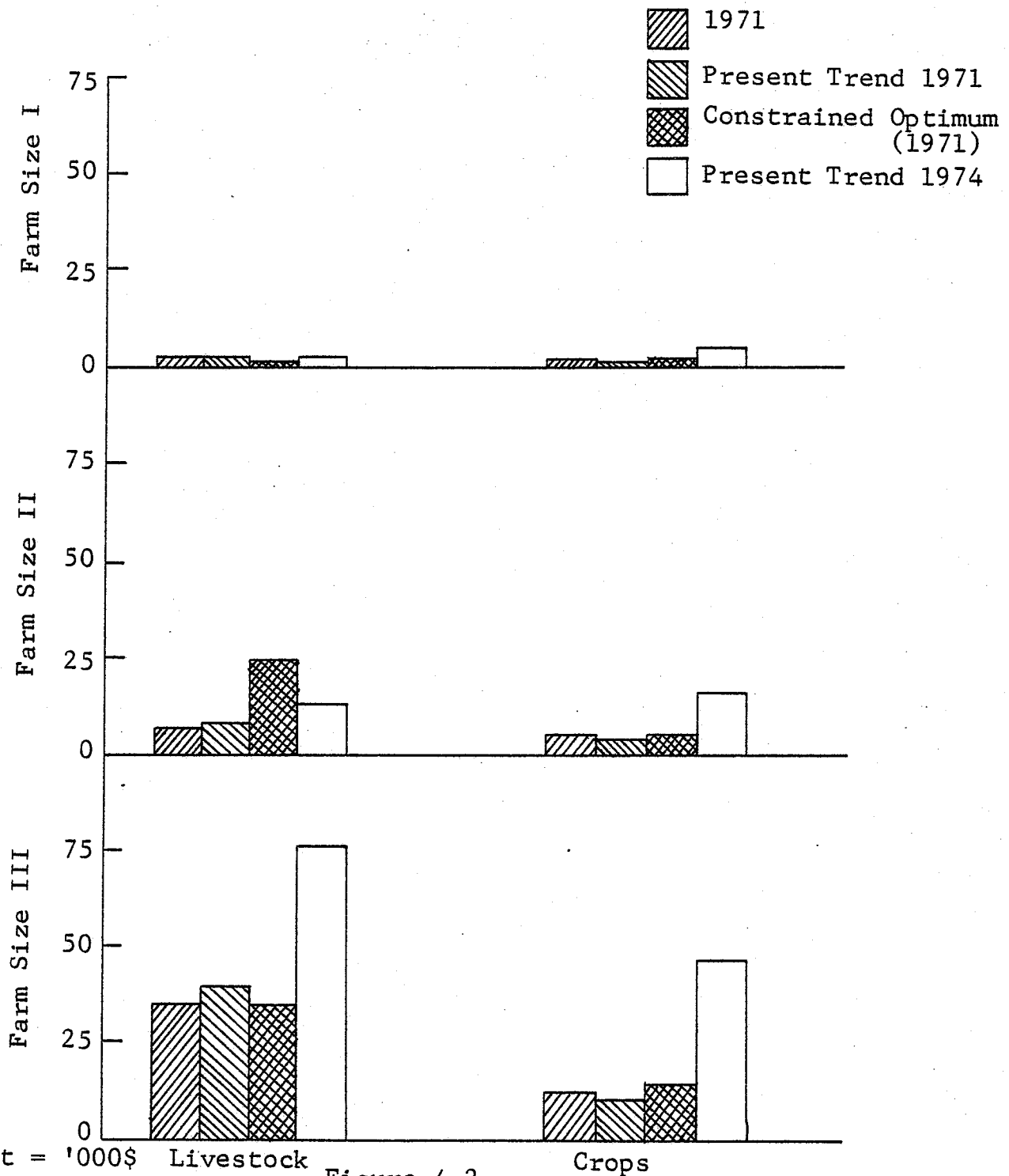


Figure 4.2

Per Farm Value of Livestock and Crop Production in the EASTERN Region Under 1971, Present Trend Directions And Constrained Optimum Policies

SOURCES: Derived from the following Appendix Tables:
 1971; Appendix E, Table 180.
 1971 Present Trend; Appendix B, Table 102.
 1971 Constrained Optimum; Appendix D, Table 154.
 1974 Present Trend; Appendix C, Table 128.

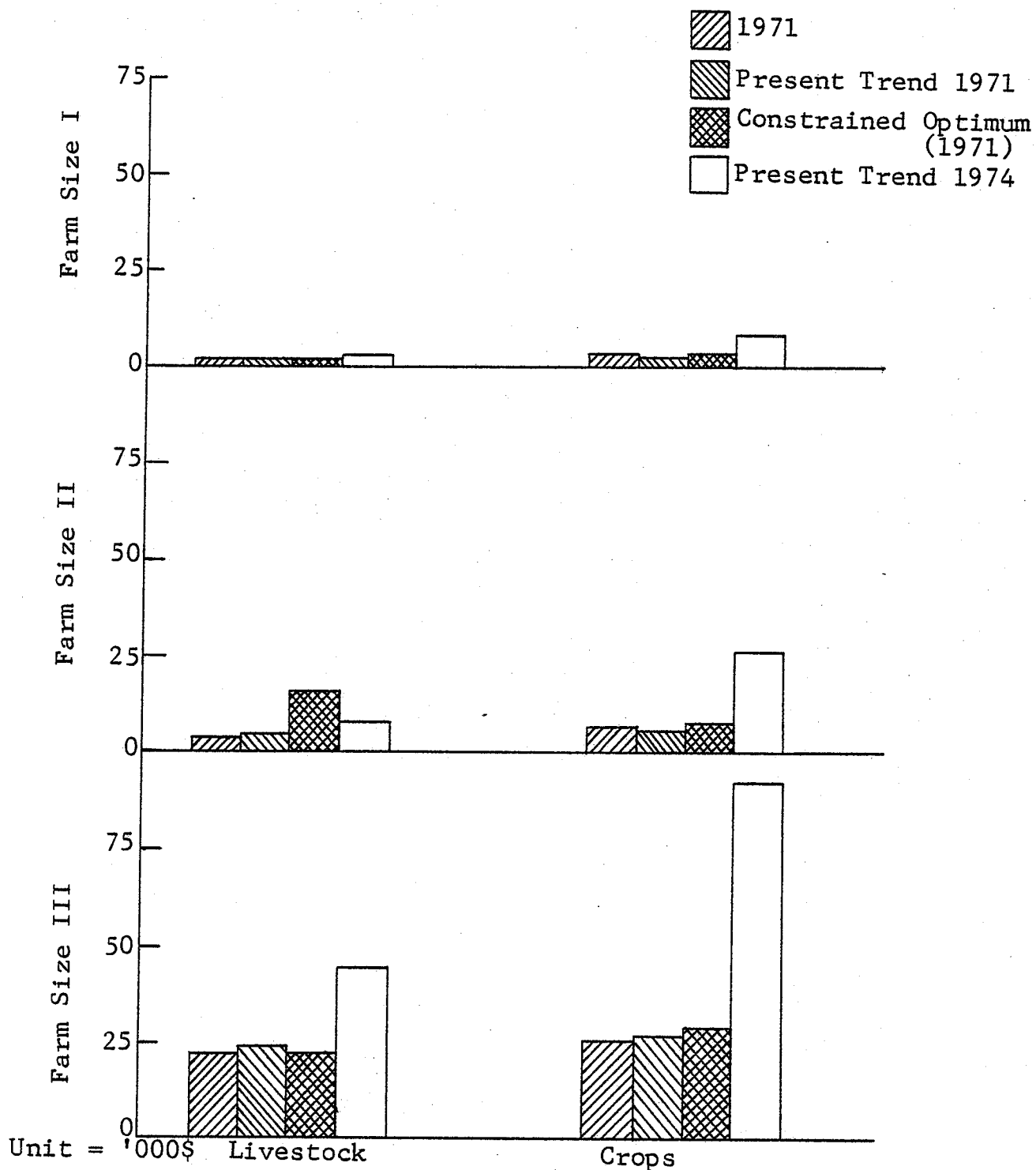


Figure 4.3

Per Farm Value of Livestock and Crop Production in the CENTRAL Region Under 1971, Present Trend Directions And Constrained Optimum Policies

SOURCES: Derived from the following Appendix Tables:
 -1971; Appendix E, Table 181.
 1971 Present Trend; Appendix B, Table 103.
 1971 Constrained Optimum; Appendix D, Table 155.
 1974 Present Trend; Appendix C, Table 129.

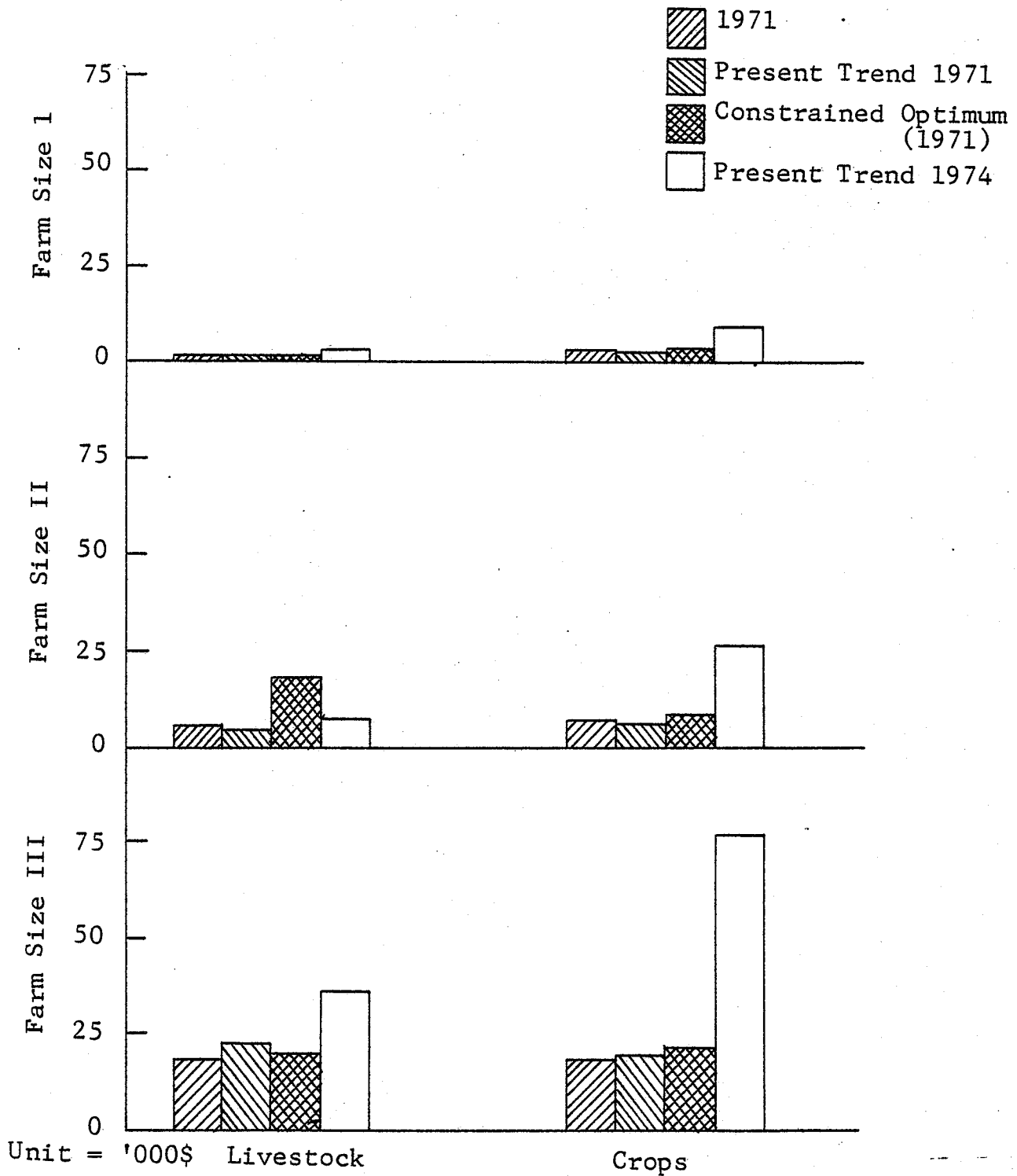


Figure 4.4

Per Farm Value of Livestock and Crop Production in the SOUTH WEST Region Under 1971, Present Trend Directions And Constrained Optimum Policies

SOURCES: Derived from the following Appendix Tables:
 1971; Appendix E, Table 182.
 1971 Present Trend; Appendix B, Table 104.
 1971 Constrained Optimum; Appendix D, Table 156.
 1974 Present Trend; Appendix C, Table 130.

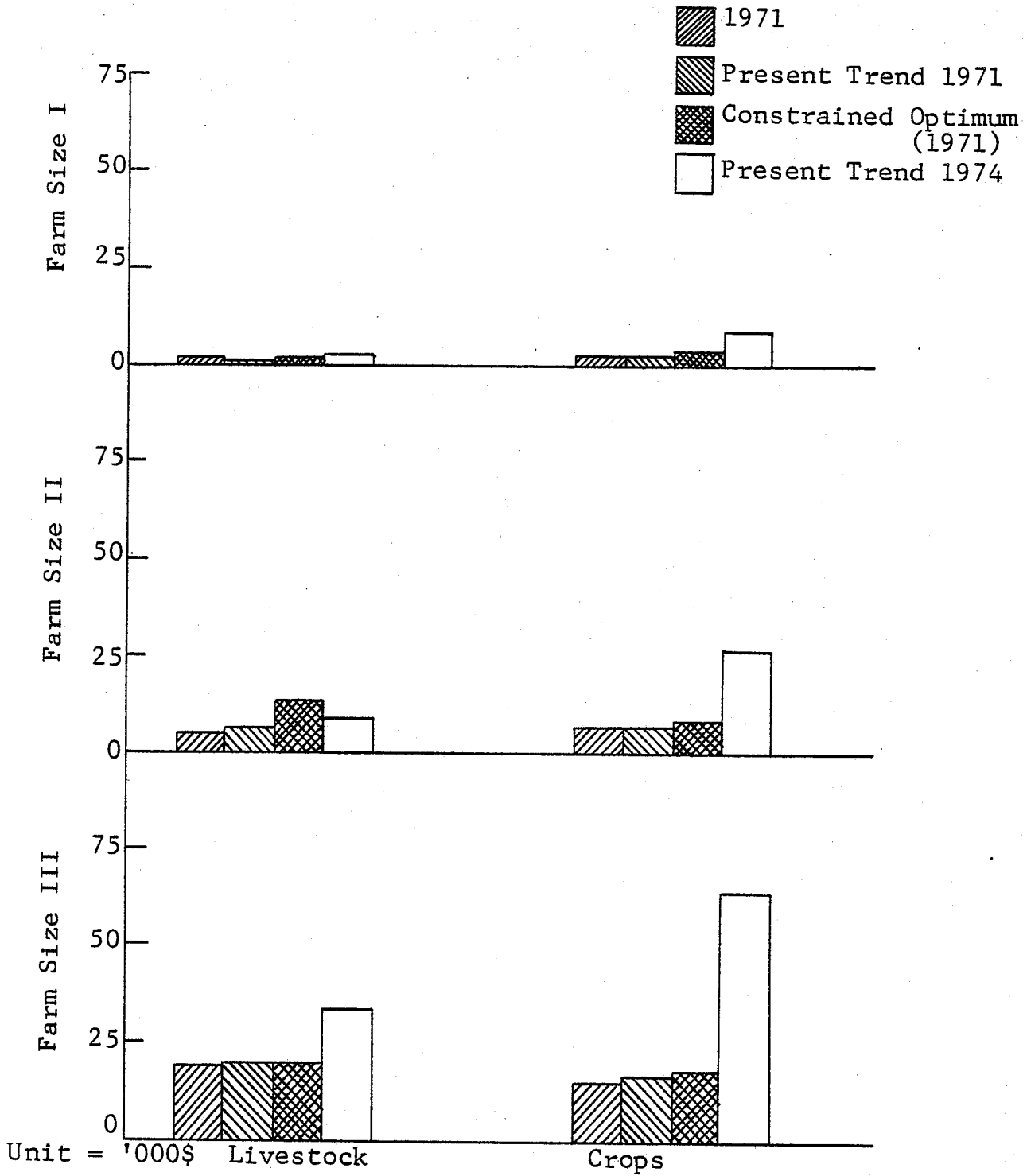


Figure 4.5

Per Farm Value of Livestock and Crop Production in the NORTH WEST Region Under 1971, Present Trend Directions And Constrained Optimum Policies

SOURCES: Derived from the following Appendix Tables:
 1971; Appendix E, Table 183.
 1971 Present Trend; Appendix B, Table 105.
 1971 Constrained Optimum; Appendix D, Table 157.
 1974 Present Trend; Appendix C, Table 131.

2. crop production is predominant in the Central, South West and North West regions.

Historically the Interlake and Eastern Regions have shown a higher incidence of marginal and mixed farming operations than have been seen in the other regions of Manitoba. These two regions are therefore more suited to livestock production and this explains the predominance of livestock shown in the solutions. Because of the more general occurrence of mixed farming in the Interlake and Eastern regions of the province there has been less stress on efficiency in the production and generally technological advances have been made in these regions after they have taken place in the more fertile regions, such as the Central and South West areas.

Thus there is relatively more scope for increased production in these two regions when prices and costs are favourable. This may help to explain why the largest increases in both crop and livestock production for each farm size are seen in these regions of the province.

Table 33 illustrates increases in "Grain for Sale" and "Grain for Feed" in the five regions between the two solutions. These increases are highlighted in Table 34 which shows how much more land would be required to produce a solution such as that for 1974 as for the one for 1971. In this table the two classifications of improved land are used for crop production and pasture is for livestock. Even though there is an increase in the value of

Table 33

Comparison of Grain for Sale and Grain for Feed per Farm for
Present Trend Solutions based on 1971 and 1974 Prices and
Costs in the Five Manitoba Department of Agriculture
Administrative Regions (Dollars)

	Present Trend 1971 ^a			Present Trend 1974 ^b		
	Size 1	Size 2	Size 3	Size 1	Size 2	Size 3
<u>Interlake</u>						
Grain for Sale	36	479	1,036	2,300	4,149	7,561
Grain for Feed	847	2,338	7,432	1,959	8,645	27,753
<u>Eastern</u>						
Grain for Sale	0	971	377	841	10,042	10,048
Grain for Feed	860	2,064	7,745	3,227	4,340	28,455
<u>Central</u>						
Grain for Sale	626	1,405	11,640	5,072	8,045	39,763
Grain for Feed	811	2,977	4,925	566	8,671	21,074
<u>South West</u>						
Grain for Sale	1,365	2,771	10,539	5,770	13,047	45,875
Grain for Feed	455	2,033	4,916	1,655	7,214	13,727
<u>North West</u>						
Grain for Sale	1,077	1,841	8,489	5,666	9,610	34,536
Grain for Feed	411	2,638	2,998	442	8,417	11,581

(Continued)

Table 33-Continued

	Present Trend 1971 ^a			Present Trend 1974 ^b		
	Size 1	Size 2	Size 3	Size 1	Size 2	Size 3
<u>Province</u>						
Grain for Sale	621	1,803	8,305	3,915	9,814	33,787
Grain for Feed	677	2,451	5,321	1,578	7,705	19,281

^a See Appendix B, Tables 101-106.

^b See Appendix C, Tables 127-132.

Table 34

Comparison of Unused Land for Present Trend Solutions based
on 1971 and 1974 Prices and Costs by Crop District (Acres)

Crop District	Present Trend 1971 ^a			Present Trend 1974 ^b		
	Improved (Sands)	Improved (Clays)	Pasture	Improved (Sands)	Improved (Clays)	Pasture
1	235,755	0	0	0	0	0
2	167,631	0	10,185	0	0	6,265
3	148,906	59,098	27,567	0	0	60,211
4	89,902	49,752	134,483	50,043	0	146,012
5	368,979	18,149	183,017	5,915	0	195,236
6	120,687	0	134,975	82,065	0	151,442
7	250,905	0	38,671	32,293	0	105,833
8	190,597	0	100,066	52,417	0	95,973
9	242,809	0	0	92,052	0	0
10	131,014	0	0	0	0	0
11	*	248,601	0	*	96,166	0
12	338,114	0	635,793	233,805	0	665,961
13	*	66,752	61,205	*	0	92,673
14	230,008	0	633,607	98,441	0	633,607
Province	2,515,307	442,352	1,959,569	647,031	96,166	2,153,213

^aThese values correspond to Appendix B, Tables 81-95.

^bThese values correspond to Appendix C, Tables 107-121.

*Crop Districts 11 and 13 have no Improved Land in the Sand Classification.

livestock production between the 1971 and 1974 solutions, less pasture land is used in 1974.

The explanation for this result concerns the actual units of livestock produced under the 1971 and 1974 solutions. Exactly the same number of fed beef animals (232,926) are produced for these two solutions. Thus the increase in the value of production arises from the increase in the per unit sale value of the different livestock commodities.

The reason for the decreased pasture use is that although the same number of animals are produced, there is a shift in emphasis away from pasture using animals between the 1971 and 1974 solutions. Thus for the 1974 solution more fed beef animals would be slaughtered at 1,050 pounds and fewer would be pastured to a slaughtering weight of 1,170 pounds.

A comparison of the incomes generated by the 1971 and 1974 solutions is shown in Table 35. In the 1971 solution farms in the small and medium size classes had negative incomes in all regions. Farms in the Eastern and Central regions also had negative incomes in the large size class. For the 1974 solution all farms in each size class had positive incomes.

The labor hour requirements per farm for the three farm size classes are shown in Table 36. The increases between the two solutions should be interpreted as a

Table 35

Comparison of Incomes Generated per Farm for Present Trend Solutions
based on 1971 and 1974 Prices and Costs in the Five Manitoba
Department of Agriculture Administrative Regions (Dollars)

	Present Trend 1971 ^a			Present Trend 1974 ^b					
	Size 1	Size 2	Size 3	Size 1	Size 2		Size 3		
Interlake	-370	-387	1,222	2,100	(6.7 times) ^c	6,206	(17 times)	19,866	(15.3 times)
Eastern	-653	-1,941	-1,994	1,840	(3.8 times)	7,175	(4.7 times)	22,126	(12 times)
Central	-429	-1,023	-575	4,509	(11.5 times)	13,707	(14.4 times)	51,823	(91 times)
South West	-387	-1,050	3,176	5,150	(14.3 times)	13,491	(13.8 times)	46,272	(13.6 times)
North West	-235	-235	3,215	4,663	(20.8 times)	14,079	(61 times)	39,075	(11.2 times)
Province	-421	-915	1,019	3,662	(9.7 times)	12,342	(14.5 times)	41,294	(39.5 times)

^a See Appendix B, Tables 101-106.

^b See Appendix C, Tables 127-132.

^c Figures in brackets denote the magnitude of increase of the Present Trend (1974) solution values over those for the 1971 solution.

Table 36

Comparison of Labor Hours Required per Farm for Present Trend Solutions based on 1971 and 1974 Prices and Costs in the Five Manitoba Department of Agriculture Administrative Regions

	Present Trend 1971 ^a			Present Trend 1974 ^b					
	Size 1	Size 2	Size 3	Size 1		Size 2		Size 3	
Interlake	270	1,128	3,501	345	(27.78) ^c	1,354	(20.04)	4,177	(19.31)
Eastern	255	1,107	3,614	326	(27.84)	1,299	(17.34)	4,426	(22.47)
Central	316	959	3,376	361	(14.24)	1,046	(9.07)	3,747	(10.99)
South West	311	873	2,330	370	(18.97)	1,019	(16.72)	2,617	(12.32)
North West	304	958	2,237	357	(17.43)	1,079	(12.63)	2,550	(13.99)
Province	291	961	2,954	351	(20.62)	1,098	(14.26)	3,383	(14.52)

^aSee Appendix B, Tables 101-106.

^bSee Appendix C, Tables 127-132.

^cFigures in brackets denote the percentage increase of the Present Trend (1974) solution values over those for the 1971 solution.

fuller utilization of available labor rather than as the creation of new jobs.

These income and labor hour results for the 1971 and 1974 solutions have important implications regarding fulltime versus part-time farming. The income levels illustrated in Table 35 indicate that farm income supplementation would be required for all farm sizes with the 1971 solution and for the small farm size with the 1974 solution.

The labor hour requirements illustrated in Table 36 show the total hired labor requirement by farm size.⁵⁴ Allowing for management time over and above the requirements shown in Table 36 it would appear that the medium and large sized farms can provide adequate employment (and income in years such as 1974), and that farmers in the small size category would be able to supplement their incomes with off-farm employment.⁵⁵

When the income and labor hour requirements of Tables 35 and 36 are combined the income per labor hour is presented in Table 37. These figures show that in 1971

⁵⁴No account of management labor is allowed for in these figures.

⁵⁵This assumes that the farms are "mixed" with respect to enterprises. If we consider them to be single enterprise farms (eg. all grain) then the medium sized farms would not provide adequate employment for full-time farming.

Table 37

Comparison of Income Generated per Labor Hour Required^a, per
 Farm for Present Trend Solutions based on 1971 and 1974
 Prices and Costs in the Five Manitoba Department
 of Agriculture Administrative Regions (Dollars)

	Present Trend 1971			Present Trend 1974					
	Size 1	Size 2	Size 3	Size 1		Size 2		Size 3	
Interlake	-1.37	-0.34	0.34	6.09	(5.4 times) ^b	4.58	(14.5 times)	4.76	(13 times)
Eastern	-2.56	-1.75	-0.55	5.64	(3.2 times)	5.52	(4.2 times)	5.00	(10 times)
Central	-1.36	-1.07	-0.17	12.49	(10.2 times)	13.10	(13.2 times)	13.83	(82 times)
South West	-1.24	-1.20	1.36	13.92	(12.2 times)	13.24	(12 times)	17.68	(12 times)
North West	-0.77	-0.25	1.44	13.06	(18 times)	13.05	(53 times)	15.32	(9.6 times)
Province	-1.45	-0.95	0.34	10.43	(8.2 times)	11.24	(12.8 times)	12.21	(35 times)

^a The values in this table result from combining Tables 35 and 36.

^b Figures in brackets denote the magnitude of increase of the Present Trend (1974) solution values over those for the 1971 solution.

only large farms in the Interlake, South West and North West regions of Manitoba could more than cover the labor hours required. In a year with prices such as were experienced in 1974 all farm sizes in each region of the province could adequately cover the labor hours required. Table 38 illustrates the actual return per labor hour required by region and farm size. This actual return is the Income per labor hour (from Table 37) plus the wage rate.

As outlined in chapter one of this thesis, one of the objectives of the study was the inclusion in the model of an operating capital row to indicate the capital requirements for crop and livestock production. The components of operating capital for both crop and livestock enterprises are explained in detail in chapter two of this thesis. The per acre requirements of this type of capital for the nine crops included in the analysis are illustrated in Appendix A, Tables 3-33. For livestock the components of this capital type are illustrated in Appendix A Tables 39-59.

Tables 39 through 44 show the amount of Operating Capital required for Crop and Livestock production for the two solutions. Because of the greater increase of crops over livestock between 1971 and 1974, the capital requirements are weighted towards crop production. It is interesting to note in Table 40 that the increase of operating capital is greatest for crop production in the

Table 38

Comparison of Actual Return per Labor Hour^a, per Farm for Present Trend Solutions based on 1971 and 1974 Prices and Costs in the Five Manitoba Department of Agriculture Administrative Regions (Dollars)

	Present Trend 1971			Present Trend 1974					
	Size 1	Size 2	Size 3	Size 1	Size 2	Size 3	Size 1	Size 2	Size 3
Interlake	0.13	1.16	1.84	8.31	(63 times) ^b	6.80	(4.9 times)	6.98	(2.8 times)
Eastern	-1.06	-0.25	0.95	7.86	(8.4 times)	7.74	(32 times)	7.22	(6.6 times)
Central	0.14	0.43	1.33	14.71	(104 times)	15.32	(35 times)	16.05	(11 times)
South West	0.26	0.30	2.86	16.14	(61 times)	15.46	(51 times)	19.90	(6 times)
North West	0.73	1.25	2.94	15.28	(20 times)	15.27	(11.2 times)	17.54	(5 times)
Province	0.05	0.55	1.84	12.65	(252 times)	13.46	(23.5 times)	14.43	(6.8 times)

^a The values in this table result from adjusting Table 37 by the appropriate wage rate which was \$1.50 per hour in 1971 and \$2.22 per hour in 1974.

^b Figures in brackets denote the magnitude of increase of the Present Trend (1974) solution values over those for the 1971 solution.

Table 39

Comparison of Total Operating Capital Required per Farm to
Produce Present Trend Solutions based on 1971 and 1974
Prices and Costs in the Five Manitoba Department
of Agriculture Administrative Regions (Dollars)

	Present Trend 1971 ^a			Present Trend 1974 ^b					
	Size 1	Size 2	Size 3	Size 1		Size 2		Size 3	
Interlake	761	4,358	15,883	1,570	(106.31) ^c	6,781	(55.60)	23,804	(49.87)
Eastern	643	3,840	15,501	1,069	(66.25)	6,770	(76.30)	23,957	(54.55)
Central	1,097	3,726	17,621	2,118	(93.07)	5,695	(52.84)	24,798	(40.73)
South West	1,113	3,554	12,476	1,830	(64.42)	5,628	(58.36)	19,102	(53.11)
North West	1,138	3,745	12,128	2,025	(77.94)	5,731	(53.03)	17,843	(47.12)
Province	951	3,744	14,866	1,717	(80.55)	5,891	(57.35)	21,944	(47.61)

^aSee Appendix B, Tables 101-106.

^bSee Appendix C, Tables 127-132.

^cFigures in brackets denote the percentage increase of the Present Trend (1974) solution values over those for the 1971 solution.

Table 40

Comparison of Operating Capital Required for Crop Production per Farm to Produce Present Trend Solutions based on 1971 and 1974 Prices and Costs in the Five Manitoba Department of Agriculture Administrative Regions (Dollars)

	Present Trend 1971 ^a			Present Trend 1974 ^b					
	Size 1	Size 2	Size 3	Size 1	Size 2	Size 3	Size 1	Size 2	Size 3
Interlake	59	367	455	554	(838.98) ^c	1,035	(182.02)	1,919	(321.76)
Eastern	103	615	1,031	311	(201.94)	2,464	(300.65)	3,362	(226.09)
Central	607	1,558	8,352	1,469	(142.01)	2,867	(84.02)	12,150	(45.47)
South West	603	1,166	4,207	1,151	(90.88)	2,467	(111.58)	8,063	(91.66)
North West	505	992	3,604	1,150	(127.72)	2,023	(103.93)	6,272	(74.03)
Province	381	1,115	4,688	930	(144.09)	2,363	(111.93)	7,940	(69.37)

^aSee Appendix B, Tables 101-106.

^bSee Appendix C, Tables 127-132.

^cFigures in brackets denote the percentage increase of the Present Trend (1974) solution values over those for the 1971 solution.

Table 41

Comparison of Operating Capital Required for Livestock Production
per Farm to Produce Present Trend Solutions based on 1971 and
1974 Prices and Costs in the Five Manitoba Department
of Agriculture Administrative Regions (Dollars)

	Present Trend 1971 ^a			Present Trend 1974 ^b					
	Size 1	Size 2	Size 3	Size 1		Size 2		Size 3	
Interlake	702	3,991	15,428	1,016	(44.73) ^c	5,746	(43.97)	21,885	(41.85)
Eastern	540	3,226	14,470	758	(40.37)	4,306	(33.48)	20,596	(42.34)
Central	490	2,167	9,270	649	(32.45)	2,829	(30.55)	12,648	(36.44)
South West	510	2,387	8,268	679	(33.14)	3,160	(32.38)	11,039	(33.51)
North West	633	2,753	8,525	875	(38.23)	3,708	(34.69)	11,571	(35.73)
Province	570	2,629	10,178	787	(38.07)	3,528	(34.20)	14,003	(37.58)

^aSee Appendix B, Tables 101-106.

^bSee Appendix C, Tables 127-132.

^cFigures in brackets denote the percentage increase of the Present Trend (1974) solution values over those for the 1971 solution.

Table 42

Comparison of Total Production per Dollar of Operating Capital^a
per Farm for Present Trend Solutions based on 1971 and
1974 Prices and Costs in the Five Manitoba Department
of Agriculture Administrative Regions (Dollars)

	Present Trend 1971			Present Trend 1974					
	Size 1	Size 2	Size 3	Size 1	Size 2		Size 3		
Interlake	3.32	2.81	3.09	4.83	(45.48) ^b	4.40	(56.58)	4.73	(53.07)
Eastern	3.46	2.85	3.22	6.62	(91.33)	4.53	(58.95)	5.11	(58.70)
Central	3.02	3.17	2.88	4.93	(63.25)	5.99	(88.96)	5.54	(92.36)
South West	3.04	3.12	3.36	6.12	(101.32)	6.05	(93.91)	5.90	(75.60)
North West	2.97	3.25	3.07	5.26	(77.10)	6.06	(86.46)	5.49	(78.83)
Province	3.12	3.10	3.10	5.47	(75.32)	5.68	(83.23)	5.49	(77.10)

^aThe values in this table result from combining Tables 30 and 39.

^bFigures in brackets denote the percentage increase of the Present Trend (1974) solution values over those for the 1971 solution.

Table 43

Comparison of Crop Production per Dollar of Operating Capital^a
per Farm for Present Trend Solutions based on 1971 and
1974 Prices and Costs in the Five Manitoba Department
of Agriculture Administrative Regions (Dollars)

	Present Trend 1971			Present Trend 1974					
	Size 1	Size 2	Size 3	Size 1	Size 2	Size 3	Size 1	Size 2	Size 3
Interlake	17.47	8.91	21.26	9.03	(-48.31) ^b	14.50	(62.74)	21.26	(0)
Eastern	10.50	6.25	10.02	15.71	(49.62)	7.02	(12.32)	13.79	(37.62)
Central	3.71	4.51	3.12	5.82	(56.87)	8.94	(98.23)	7.57	(142.63)
South West	3.87	5.32	4.69	8.24	(112.92)	10.61	(99.44)	9.52	(102.99)
North West	4.18	6.39	4.49	7.53	(80.14)	12.62	(97.50)	10.30	(129.40)
Province	4.65	5.34	4.07	7.89	(69.68)	10.13	(89.70)	9.14	(124.57)

^aThe values in this table result from combining Tables 31 and 40.

^bFigures in brackets denote the percentage increase or decrease of the Present Trend (1974) solution values over those for the 1971 solution.

Table 44

Comparison of Livestock Production per Dollar of Operating Capital^a
per Farm for Present Trend Solutions based on 1971 and
1974 Prices and Costs in the Five Manitoba Department
of Agriculture Administrative Regions (Dollars)

	Present Trend 1971			Present Trend 1974					
	Size 1	Size 2	Size 3	Size 1	Size 2	Size 3	Size 1	Size 2	Size 3
Interlake	2.13	2.25	2.56	2.54	(19.25) ^b	2.58	(14.67)	3.28	(28.13)
Eastern	2.12	2.20	2.73	2.89	(36.32)	3.11	(41.36)	3.69	(35.16)
Central	2.17	2.20	2.66	2.91	(34.10)	3.00	(36.36)	3.58	(34.59)
South West	2.07	2.05	2.68	2.52	(21.74)	2.50	(21.95)	3.26	(21.64)
North West	2.00	2.12	2.47	2.27	(13.50)	2.49	(17.45)	2.88	(16.60)
Province	2.10	2.15	2.65	2.62	(24.76)	2.70	(25.58)	3.41	(28.68)

^aThe values in this table result from combining Tables 32 and 41.

^bFigures in brackets denote the percentage increase of the Present Trend (1974) solution values over those for the 1971 solution.

Interlake and Eastern regions, even though these regions are predominately suited to livestock production. This is shown in Table 31 where these regions show the largest increases for each farm size with respect to crop production.

Table 42 indicates that in each farm size the Central and South West regions of the province made the greatest gains between the 1971 and 1974 solutions with respect to total production per dollar of operating capital. This is due to large increases in these regions of crop production as shown in Table 43. With regard to livestock production, as indicated in Table 44 the Eastern region made the greatest increases between the 1971 and 1974 solutions. These figures show that the historical distribution of livestock production in the Interlake and Eastern regions; and crops in the Central, South West and North West regions should still be emphasized. Even though all regions show increased crop and livestock production between the 1971 and 1974 solutions; the results indicate more scope for livestock in the traditional areas of the Interlake and Eastern regions and for crops in the remaining regions of the province.

4.3 Comparison of Present Trend Solutions (1971 and 1974) with the Constrained Optimum Solution (1971)

The histograms depicted in Figures 4.1 through 4.5 indicate the relative production levels of each solution. From these it can be seen that the value of livestock

production in 1971 for the medium farm size class was greatly increased in each region, due of course to the removal of the upper limit restraint values on calves, stockers and feeders as described in the analysis section of this chapter.

By allowing the livestock numbers to increase it was possible to put farms in the medium size class into a "break-even" position. This situation is illustrated in Table 45 for a comparison of the Present Trend and Constrained Optimum solutions based on 1971 prices and costs. These results show that:

1. although farms in the small size class continued to show negative income levels; these were of a smaller magnitude than for the Present Trend (1971) Solution, with the greatest increase (79.33 percent) in the South West region,

2. farms in the large size class show positive incomes in the Interlake, South West and North West regions and negative incomes in the Eastern and Central regions. However these income levels increased between the two solutions with the greatest effect (105.16 percent) experienced in the Interlake region, and

3. farms in the Eastern region in both the small and large farm size classes show decreased income levels of 18.99 percent and 7.12 percent respectively.

The third point above warrants further elaboration. Under the Present Trend Solution for 1971 (as can be seen

Table 45

Comparison of Incomes Generated per Farm for the Present Trend and Constrained Optimum Solutions based on 1971 Prices and Costs in the Five Manitoba Department of Agriculture Administrative Regions (Dollars)

	Present Trend (1971) ^a			Constrained Optimum (1971) ^b					
	Size 1	Size 2	Size 3	Size 1	Size 2	Size 3			
Interlake	-370	-387	1,222	-353	(4.59) ^c	0	2,507	(105.16)	
Eastern	-653	-1,941	-1,994	-777	(-18.99)	0	-2,136	(-7.12)	
Central	-429	-1,023	-575	-343	(20.05)	0	-540	(6.09)	
South West	-387	-1,050	3,176	-80	(79.33)	0	3,693	(16.28)	
North West	-235	-235	3,215	-85	(63.83)	0	4,622	(43.76)	
Province	-421	-915	1,019	-339	(19.48)	0	1,460	(43.28)	

^aSee Appendix B, Tables 101-106.

^bSee Appendix D, Tables 153-158.

^cFigures in brackets denote the percentage increase or decrease of the Constrained Optimum (1971) solution values over those for the Present Trend (1971) solution.

in Table 45) the Eastern region shows the worst income level per farm in each farm size class. Even with the large increases in livestock numbers, as allowed for in the Constrained Optimum (1971) solution, farm incomes in both the small and large farm size classes is seen to have deteriorated. Although the Farm Diversification Program (F.D.P.) was conceived to aid farms in the medium size class it is difficult to rationalize success for one farming group at the expense of others.

If the reader refers back to Table 35 they can see what income levels were generated per farm under 1974 prices and costs. Although the Interlake and Eastern regions lag behind the other regions with regard to income levels, their per farm income figures are reasonable and reflect these areas "lagging" behind the rest of the province with regard to technological practices and capabilities.

These results beg the question of programs which "blanket" the province or which should be "tailored" on a regional basis. This point is discussed in the following chapter of this thesis.

Complete results for the three computer solutions and 1971 historic information by a) commodity, b) crop district, c) administrative region, and d) farm size are presented in Appendices B, C, D and E as follows:

- Appendix B: Present Trend 1971
- Appendix C: Present Trend 1974
- Appendix D: Constrained Optimum 1971
- Appendix E: 1971 (Historic).

CHAPTER 5

CONCLUSIONS

The results presented in the previous chapter show the great increases in production and income levels which may be expected from high grain prices, such as were experienced in 1974. As can be seen from the histograms (Figures 4.1 through 4.5), production levels are increased in each farm size except the medium farm size for livestock production. Because the increases are so large in each size class; income levels far exceed those from either the 1971 Present Trend or Constrained Optimum solutions.

This would indicate that:

1. when grain prices are high (as in 1974), farmers will receive adequate income levels from increased crop production.
2. increasing livestock production when high grain prices are the norm would increase income levels but only marginally compared with the effect on income of increased crop production, and
3. a program such as the Farm Diversification Program would have a greater impact on farm income levels in years of low grain prices (such as 1971) than in years with high grain prices (such as 1974).

These three very general conclusions could in fact be drawn up by anyone with an elementary knowledge of farm management, without the need for the complex modelling approach as described in this thesis. However, the detailed results discussed in the previous chapter show the

levels and changes in a) production, b) income, and c) employment by crop district, farm size and soil type which can be expected when commodity and factor prices alter over time. These changes in themselves allow one to draw these conclusions and aid in explaining them.

One must be careful that one is not misled by anomalies resulting from the specification of the model. For example, in the description of the comparison of the 1971 and 1974 Present Trend solutions it is shown that less pasture land was employed in 1974 than in 1971, although the same number of slaughter animals are produced for each solution.⁵⁶ This appears to be an anomaly when one considers the great increase in feed grain prices between 1971 and 1974. The explanation for this concerns the comparative net returns which are realized for producing a steer from birth to a slaughter weight of 1,050 pounds with no pasture period and a steer from birth to 1,170 pounds with a pasture period.

The net returns⁵⁷ for these activities are calculated without consideration of the cost of the required feed grains. The adjustment in these net returns to

⁵⁶As illustrated in Table 34.

⁵⁷The net returns (denoted by C. J.) for these classes of slaughter animals are shown in Appendix A, Tables 63 (Birth to 1,050 lbs.) and 65 (Birth to 1,170 lbs.)

account for the feed grains is handled in the computer. However, as indicated in chapter three in the section titled "Livestock Ration Costs" both of these animal types are charged the same amount (\$425.17) for feed grains in 1974. Thus the pasture period is employed to put on the difference in weight (120 lbs.) between these animals. In 1971 the 1,170 pound steer had a higher net return than did the 1,050 pound steer. However in 1974 this situation had reversed, with the difference being approximately \$30 per head in favour of the 1,050 pound animal.

In reality what would happen in this situation is as follows. The producer would alter his feeding pattern to allow pasture⁵⁸ use for the 1,050 pound animal to substitute for grain. Thus more animals would be sold at 1,050 pounds, although more pasture and less grain would be used. The model employed in this thesis abstracts from reality, and the above mentioned substitution of pasture for grain is not made in the model. Thus the more attractive net return in 1974 (that for the 1,050 pound animal) results.

The following conclusions may appear to the reader to be too general. In part this is intentional, keeping in mind the example illustrated above concerning the model specification. It is expected that with further use of the model, revisions will be made to remove anomalies,

⁵⁸Or roughage, depending on the time of year.

such as the case just described.

Although the Constrained Optimum solution shows that farmers in the medium farm size can be put into a "break-even" position by an increase in cattle numbers, the magnitude of the increase should be kept in mind. A comparison of calf, stocker and feeder cattle numbers for 1971, the Present Trend (1971) and Constrained Optimum (1971) solutions is illustrated in Table 46. The solution values for the Present Trend solution fall within the lower and upper limits of 80 percent and 120 percent of the actual 1971 levels respectively. When the upper limit is removed for these livestock categories the solution values for the Constrained Optimum solution reach a high for stockers in Crop District 5, which is 54 times the size of the actual level in 1971.

Thus, although the model indicates that in 1971 there was enough pasture land and grain to feed these inflated numbers of livestock,⁵⁹ it is dubious even to consider that increases in the provincial beef herd could reach these levels. The reasons for this conclusion are as follows:

1. the requirement for capital (both operating and fixed) would be beyond the reach of farmers, and

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See Table 47 which illustrates Unused Land for the Present Trend and Constrained Optimum Solutions based on 1971 prices and costs.

Table 46

Comparison of Calf, Stocker and Feeder Cattle Numbers^a for 1971,
Present Trend 1971 and Constrained Optimum 1971 Solutions,
With Percentages, for Each Crop District in the
Medium Farm Size Class

	1971 ^b	Present Trend ^c 1971	Present Trend 1971 as percent of 1971	Constrained Optimum 1971 ^d	Constrained Optimum 1971 as percent of 1971	Constrained Optimum 1971 less Present Trend 1971
Crop District 1						
Calves	10,296	12,355	120	48,018	466	35,663
Stockers	6,849	6,665	97	58,500	854	51,835
Feeders	5,277	6,332	120	55,575	1,053	49,243
Crop District 2						
Calves	8,228	9,873	120	47,823	581	37,950
Stockers	5,297	6,356	120	55,267	1,043	48,911
Feeders	6,275	7,530	120	52,504	837	44,974
Crop District 3						
Calves	3,529	4,235	120	73,236	2,075	69,001
Stockers	2,094	2,513	120	77,972	3,724	75,459
Feeders	3,321	3,985	120	74,073	2,230	70,088
Crop District 4						
Calves	998	1,197	120	35,105	3,518	33,908
Stockers	594	713	120	2,036	343	1,323
Feeders	874	1,048	120	1,934	221	886
Crop District 5						
Calves	1,750	2,136	120	79,632	4,474	77,496
Stockers	1,013	1,125	111	55,290	5,458	54,165
Feeders	1,041	1,249	120	53,002	5,091	51,753
Crop District 6						
Calves	1,588	1,905	120	14,147	891	12,242
Stockers	1,037	829	80	829	80	0
Feeders	609	730	120	788	129	58
Crop District 7						
Calves	10,385	12,462	120	32,479	313	20,017
Stockers	6,904	5,671	82	43,016	623	37,345
Feeders	5,246	6,295	120	40,865	779	34,570
Crop District 8						
Calves	5,437	6,524	120	26,220	482	19,696
Stockers	3,468	4,161	120	33,185	957	29,024
Feeders	4,467	5,360	120	31,525	706	26,165
Crop District 9						
Calves	7,011	8,413	120	33,610	479	25,197
Stockers	4,629	4,731	102	40,961	885	36,230
Feeders	3,745	4,494	120	38,913	1,039	34,419
Crop District 10						
Calves	13,404	16,085	120	58,125	434	42,040
Stockers	8,890	8,296	93	69,293	779	60,997
Feeders	6,568	7,881	120	65,829	1,002	57,948
Crop District 11						
Calves	10,345	12,414	120	22,462	217	10,048
Stockers	6,879	5,780	84	31,263	454	25,483
Feeders	4,576	5,491	120	30,250	661	24,759
Crop District 12						
Calves	14,974	17,969	120	50,453	337	32,484
Stockers	9,998	7,998	80	12,312	123	4,314
Feeders	5,629	6,754	120	16,029	285	9,275

(Continued)

Table 46--Continued

	1971 ^b	Present Trend 1971 ^c	Present Trend 1971 as percent of 1971	Constrained Optimum 1971 ^d	Constrained Optimum 1971 as percent of 1971	Constrained Optimum 1971 less Present Trend 1971
<u>Crop District 13</u>						
Calves	3,438	4,125	120	11,159	325	7,034
Stockers	2,212	2,654	120	13,066	591	10,412
Feeders	2,553	3,063	120	12,413	486	9,350
<u>Crop District 14</u>						
Calves	13,387	16,064	120	58,658	438	42,594
Stockers	9,059	7,247	80	10,264	113	3,017
Feeders	4,250	5,100	120	12,454	293	7,354

^a These cattle numbers are attributable to the Provincial Beef Herd.

^b These values correspond to Appendix E, Tables 159-172. The numbers required to bring these values up to the level of those in the appendix tables indicate how many animals are produced from the Provincial Dairy Herd.

^c These values correspond to Appendix B, Tables 81-95. The numbers required to bring these values up to the level of those in the appendix tables indicate how many animals are produced from the Provincial Dairy Herd.

^d These values correspond to Appendix D, Tables 133-146. The numbers required to bring these values up to the level of those in the appendix tables indicate how many animals are produced from the Provincial Dairy Herd.

Table 47

Comparison of Unused Land for Present Trend and Constrained Optimum Solutions based on 1971 Prices and Costs by Crop District (Acres)

Crop District	Present Trend (1971) ^a			Constrained Optimum (1971) ^b		
	Improved (Sands)	Improved (Clays)	Pasture	Improved (Sands)	Improved (Clays)	Pasture
1	235,755	0	0	16,226	0	0
2	167,631	0	10,185	0	0	0
3	148,906	59,098	27,567	0	0	0
4	89,902	49,752	134,483	34,391	16,131	0
5	368,979	18,149	183,017	18,694	0	0
6	120,687	0	134,975	91,335	0	0
7	250,905	0	38,671	37,005	0	0
8	190,597	0	100,066	66,827	0	0
9	242,809	0	0	0	101,567	0
10	131,014	0	0	0	0	0
11	*	248,601	0	*	123,787	0
12	338,114	0	635,793	236,836	0	132,988
13	*	66,752	61,205	*	15,868	943
14	230,008	0	633,607	118,868	0	0
Province	2,515,307	442,352	1,959,569	620,182	257,353	133,931

^aThese values correspond to Appendix B, Tables 81-95.

^bThese values correspond to Appendix D, Tables 133-147.

*Crop Districts 11 and 13 have no Improved Land in the Sand Classification.

2. carrying and feeding greatly increased beef herds in a year of high prices, such as 1974 would in fact be very inefficient compared to grain farming.

These conclusions raise interesting questions concerning a program such as the Farm Diversification Program. The objectives of this program may be classified under two main headings, as follows:

1. to encourage farmers without livestock to diversify their farming operations in that direction, and
2. to help farmers increase their management capabilities.

With regard to the first of these points, the results of the analysis laid out in the previous chapter of this thesis indicate that although farm incomes may be improved for one size class, this may take place at the expense of other farms. The example of this is the decreased farm incomes on the small and large sized farms in the Eastern region, as illustrated in Table 45. Although this result of "gainers" and "losers" is one to be expected from a technique such as linear programming;⁶⁰ it also may be seen in practice, although for a different reason. In practice farms will not be so severely constrained with respect to the numbers of cattle they can produce as is the case with this model when producing the Present Trend Solutions.

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Due to the substitution of finite factors of production between enterprises.

However, farms may suffer from a decrease in capable farm management advice if they are not in the size class which is being focused on by such a program. Thus small and large sized farms may find it harder to obtain advisory help when the advisor is asked to spend extra time with a certain group of clients. This alludes to the second major objective of such a program, as previously cited. This situation would be more important in an area such as the Eastern region where farming has been historically less productive. Therefore, this discussion raises the question of tailoring programs to the needs of the farmers, subject to regional characteristics.

With regard to a program such as the F.D.P., a general conclusion of this study may be one based on short versus long term goals. A diversification program such as this one will have major short term benefits, especially in years of low grain prices such as 1971. However the most reasonable long term objective should be to encourage farmers to concentrate on improving their management skills. The greater their skills, the better chance they have of withstanding low prices for their commodities. These skills only come with time and experience, and therefore farmers should be encouraged to plan further into the future. This is especially true when considering livestock enterprises.

Historically, mixed farming in Western Canada has been favored to a much lesser extent than either grain

farming or livestock farming. Because crops are grown on a one year cycle, it is possible for farmers to shift "in" and "out" of certain crops to suit market conditions. However, this is an inefficient method with livestock, because it takes time to adjust management skills to different livestock enterprises and it is possible to "miss" the market due to the long cycles involved.

Results for the solutions based on prices and costs for 1971 and 1974 show that:

1. in years of low grain prices (such as 1971), livestock tends to be more profitable than crops, and
2. in years of high grain prices (such as 1974), crops tend to be more profitable than livestock.

However, it is illustrated in Tables 31 and 32 that both crops and livestock increased in value produced between the two solutions. These results indicate that mixed farming has a lot of potential for farmers, and it is the author's opinion that tradition rather than economic reasoning tend to mitigate against it.

Table 48 illustrates the percentage change in commodity and factor prices which occurred between 1971 and 1974. The crop with the greatest price increase is flax (345 percent) and the livestock enterprise with the greatest increase is eggs (199 percent). The largest increase for factor inputs is the grain component of livestock rations. This table summarizes how the relative position of crops and livestock changed from 1971 to 1974

Table 48

Percentage Changes in Commodity and Factor Prices
Between the 1971 and 1974 Data
Employed in the Analysis^a

Commodity	Percent Change
<u>Crops</u>	
Wheat	+191.03
Oats	+171.88
Barley	+230.49
Flax	+345.05
Rapeseed	+240.38
Rye	+215.49
Sunflowers	+200.00
Sugar Beets	+212.89
Potatoes	+ 43.72
<u>Livestock</u>	
New Born Dairy Calf	- 76.92
Veal Calf (300 pounds)	- 10.60
Stocker Calf (500 pounds)	+ 3.76
Feeders (700 pounds)	+ 30.44
Finished Beef	+ 46.24
Culled Cows	+ 24.57
Culled Bulls	+ 34.64
Milk (Fluid)	+ 86.71
Milk (Manufactured)	+ 77.40
Weanling Hogs	+145.44
Finished Hogs	+101.91
Culled Sows	+ 85.20
Culled Boars	+ 85.20
Eggs	+198.67
Broilers	+ 66.67
Turkeys	+ 77.64

(Continued)

Table 48--Continued

Commodity	Percent Change
<u>Factor Inputs</u>	
<u>Crops</u>	
Labor	+ 48.12
Machinery	+ 18.29
Investment in Land and Buildings	+ 12.32
Taxes	- 15.27
Fertilizer	+ 35.54
Chemicals	+ 66.42
Seed Cleaning and Treatment	+111.11
Overhead Costs	+ 42.31
Cost of Seed	+138.54
<u>Livestock</u>	
Rations (Grain)	+197.80
Rations (Supplements)	+ 93.30
Transportation	+ 16.56

^a
 The percentage figures contained in this table are calculated from the 1971 data documented in the report by Framingham, et. al. (op. cit., chapter 3), and the 1974 data documented in this thesis (chapter 3).

and indicates why crops show up in the Present Trend (1974) solution as the predominant enterprises.

As indicated in Table 48, grains fed to livestock rose in price from 1971 to 1974 by just over four times the rise in the selling price for finished beef animals. As the ration component of livestock costs of production is the one where the greatest inefficiencies may arise, in a year such as 1974 the requirement for good management techniques regarding livestock enterprises is much greater than for 1971. Thus, good farm management advice especially for livestock enterprises, may help to smooth out the peaks and troughs⁶¹ in livestock cycles which would be beneficial to consumers as well.

The results of the analysis indicate that this model has great potential as both a planning tool and as a means of assessing certain government policies and programs with regard to provincial agriculture. A possible use for this model would be to link it with input-output analysis so that the impacts of agricultural adjustments, on the urban sector of the provincial economy, could be analysed.⁶²

⁶¹1971 was a peak with regard to livestock prices, relative to the trough in 1974.

⁶²See C. F. Framingham and W. J. Craddock, "Urban Implications of Regional and Interregional Efficiency in Agricultural Production," Regional Science Perspectives, Vol. 4 (1974), 18-35.

CHAPTER 6

STUDY LIMITATIONS AND SUGGESTIONS FOR FURTHER RESEARCH

6.1 Study Limitations

These may be considered as falling into three main categories, as follows; a) limitations of linear programming, b) model limitations, and c) data limitations. These three categories are dealt with in more detail in the following sections of this chapter.

6.1.1 Limitations of Linear Programming. These concern the basic assumptions of the technique which are outlined in many textbook sources,⁶³ as follows: 1) Additivity of resources and activities, 2) Linearity of the objective function, 3) Nonnegativity of the decision variables, 4) Divisibility of activities and resources, 5) Finiteness of the activities and resource restrictions, 6) Proportionality of activity levels to resources, and 7) Single-valued expectations.

The degree to which each of these assumptions may in fact be limitative is dependent on the model

⁶³For example, see: R. C. Agrawal and Earl O. Heady. Operations Research Methods for Agricultural Decisions (Ames: The Iowa State University Press, 1972), pp. 31-33.

specification and the objectives of the study. For example, assumption number four would need to be considered in more detail if the model were considering individual farm planning. However with a model such as the one formulated in chapter two of this thesis the limitation will not be significant after rounding to the nearest unit. With crop production it is possible to produce fractional units, therefore there is no problem. With livestock, although it is not possible in practice to produce $1/2$ of a feeder steer, even after rounding the error is slight enough to be discounted. This could be corrected for by integer programming but the added computations would be enormous for the questionable benefits in respect of more accurate results.

Assumption number six implies constant resource productivity and constant returns to scale. This is not seriously limitative to the model in this study due to the model specification based on farm sizes and soil types. Therefore for example, instead of thinking of one fertilizer response curve for each crop by region, there are in fact six; one for each farm size (three), by soil type (two).

6.1.2 Model Limitations. It would be possible to outline many limitations with respect to a model of the size and scope of the one analysed in this thesis. However only six are highlighted here for the purpose of a) adding

clarification for the reader, and b) raising possible areas for further research. These are outlined as follows:

1. Transportation: The model is specified in such a manner as to allow for the interregional movement of crop and livestock products between adjacent regions. By restricting product movement between adjacent regions it was possible to build-in the interregional characteristic of the model with a minimum requirement for a) data, and b) solving time. The size of the model would increase greatly if product movement was allowed from each region to all the others, and it is doubtful if the results would be greatly improved by so doing. This therefore may be considered as a model limitation, but one which is quite acceptable.

A more serious limitation concerns the "closed economy" of this model, in that trading from Manitoba to Saskatchewan, Ontario and the U.S.A., (and vice versa) is not considered. This was a direct result of the lack of adequate statistics concerning product movement. Although statistics are available for the movement of products in their final stage (ie: grain for sale or slaughter animals), those for intermediate products (ie: feeder steers to be fattened prior to slaughter) are either inadequate or unavailable. The results of the analysis must therefore be viewed with this in mind, but without the necessary information this limitation cannot at this time be circumvented.

2. Product Identification: As illustrated in Appendix A, Table 2 there are 41 Model Production Activities of which 25 are associated with livestock production and the remaining 16 with crop production. The model is specified in such a fashion that the production from these activities supplies 9 provincial crop demands and 11 provincial livestock demands. Two of these livestock demands are a) Beef veal demand, and b) Dairy veal demand. However there is just one provincial Fed Beef demand. Included in this provincial demand row are beef and dairy animals slaughtered at 1,000 pounds, 1,050 pounds and 1,170 pounds in weight. If intermediate provincial demands were specified in the model, one for each of these activities, it would be possible to investigate the effect of price and cost changes on different feeding regimes; either pasture or grain, depending on the competitiveness of grass and grain as their net returns vary. More accurate conclusions could be drawn for the model solutions if product identification was maintained throughout the model.

3. Net Returns: As indicated in the objective function of the model⁶⁴ net returns are employed as the C.J. values for the production activities. This is a good

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Equation (1) in the section on the mathematical model in chapter 2.

approach from a management viewpoint but it has two drawbacks which are as follows:

1. policy makers are interested in the effects of price and cost changes and therefore net returns have less impact to them than the prices and costs from which the net returns are calculated, and

2. it is not possible to parametrically vary prices and costs within the model, thus the changes must be made exogenously to the model and then incorporated in the form of net returns.

Because price and cost changes have to be made outside of the model and the adjusted net returns put into the model prior to solving, the time required for this is large. This is not in fact a limitation of the model as regards its usefulness. It does however indicate an area where the efficiency of the model might be improved.

4. Farm Numbers: The model does not contain farm numbers, either in total or by farm size classification. The physical units of each activity produced in the solutions are adjusted for farm numbers by a computer program used once the model is solved. Because of this approach the number of farms by region and size classification is constant. If however these farm numbers were built-into the model, the results would reflect the change in numbers of farms by size class for different solutions.

5. Single Enterprise Farms: The model is constructed in such a way as to be representative of farms in each size class. Because of this approach however, all farms in the model are assumed to be mixed with respect to their enterprises. Therefore it is not possible to be so specific, when describing a series of results, as to be able to say what is the effect of a certain program on a single enterprise farm (eg. a small beef farm). This is not seriously limitative to this study, but it does mean that one has to be careful not to conclude too much from the results.

6. Activity Restraint Levels: As explained in chapter two, each production activity is allowed to fluctuate between 80 and 120 percent of the 1971 level for the Present Trend solutions. This may have the effect of causing too much uniformity in the solutions between regions. If each activity were allowed to fluctuate by values which were calculated using historical information by region, it is felt that the solutions would show greater regional disparities; thus allowing more conclusions to be drawn.

6.1.3 Data Limitations. Results obtained from a linear programming model rely on the accuracy of the data used. Every effort has been made in this study to generate the best possible data base, given the time and resources available. The following quote from Beneke and Winterboer

applies as much to an interregional model of the type employed in this study as to a farm planning model:

"In programming, as in budgeting, emphasis should be placed on accurate relative prices. Having all prices too high or too low will distort the net income estimate, but if prices are in line with one another the farm plan developed will still be useful."⁶⁵

However, limitations may result due to the procedures used to adjust the data. The following limitations are listed out for crops and livestock to warn the reader that, in using any of the data from this study, there are drawbacks involved due to the procedures employed to generate the data.

1. Crop Data. The per acre cost of production figures presented in Appendix A, Tables 3-30, result from a computerized simulation program which allocates costs for each crop based on a survey questionnaire⁶⁶ of farmers' cultural practices in 1971. In updating these costs from 1971 to 1974, based on the 1971 survey, limitations become apparent, as follows:

1. Machinery: The costs appear to be very high for 1974, especially for the small farm size, because the

⁶⁵ Raymond R. Beneke and Ronald Winterboer. Linear Programming Applications to Agriculture (Ames: The Iowa State University Press, 1973), p. 6.

⁶⁶ A copy of this questionnaire is included at the beginning of Appendix A.

machinery wasn't depreciated between 1971 and 1974. This means that farmers were assumed to be using new machinery which isn't reasonable when considering "average" costs.

2. Fertilizer: The values shown in the tables are very low and, in practice, would be indicative of low application rates. This is because of the allocation and costing procedure using Manitoba Crop Insurance records, based on 1971 information.

3. Chemical: The figure of \$0.49 per acre in 1974 may be unreasonably low, but this results from a) only considering the common herbicides such as 2,4-D and not specialist chemicals such as Bromoxynil, and b) using 1974 costs based on 1971 seeded and treated acres.

4. Taxes: As indicated in Appendix A, Tables 3-30 this crop cost per acre varies by crop. This may in fact be the case if a farmer were to allocate his taxes with "accuracy", however the figures seem to show an unnecessary level of sophistication. The reason for this is the computerized approach used. In fact this isn't a limitation, but it has been identified in this section to aid the reader.

2. Livestock Data. Whereas a computerized simulation approach is employed to generate cost of production figures for the cropping enterprises, all data calculations for the livestock enterprises are carried out by hand. Furthermore, as previously mentioned, a survey was employed to gain insight into the cultural practices for crops;

however all costs associated with the livestock enterprises are calculated from various sources⁶⁷, and adjusted in a way to approximate "average" farms. No survey or computerized approach is at this time available for the livestock enterprises.

A fairly serious limitation concerns the procedures employed to allocate known grain use to the livestock costings. Because a decision was taken that all grain known to have been fed in 1971⁶⁸ should be handled through the "average" rations chosen for the study, an overfeeding occurs with respect to the supplements in each ration.

These supplements are fed at recommended levels which in themselves may be too high for the "average" farmer. When the costs for these supplements⁶⁹ are added to the costs for feed grain use⁷⁰ livestock are being unfairly penalized in comparison to the cropping activities in the model. This limitation could be removed with a

⁶⁷Such as: Manitoba Department of Agriculture, Farm Data Handbook, op. cit., and Manitoba Department of Agriculture, Manitoba Agriculture Yearbook, op. cit.

⁶⁸From Statistics Canada sources.

⁶⁹See section on 'Livestock Ration Supplement Costs' in Appendix A.

⁷⁰See section on 'Livestock Ration Costs' in chapter 3.

survey designed to provide information regarding realistic cultural practices for livestock enterprises in Manitoba.

6.2 Suggestions for Further Research

Each area of study limitations which have been outlined above suggest areas suitable for further research. In considering the limitations surrounding the generation of data, research is ongoing at this time in the Department of Agricultural Economics (University of Manitoba) to:

1. update the procedures used for simulating the costs of production for crops, and
2. derive a computerized procedure to accurately estimate the costs of production for cow/calf enterprises.

This second point will indicate the work involved to computerize procedures for each livestock enterprise type.

Government policy makers are interested in the effects of price and cost changes, and this has been the objective of this thesis. However, time should be spent investigating possible ways to increase the efficiency of making price and cost changes to this model.

The limitation concerning farm numbers within the model raises the possibility of changing this model's format from a static to a dynamic one. This could be done using a multiperiod linear programming approach where the variables are subscripted for time. In this way changes in income, employment, capital, production levels,

and farm numbers by region and size class could be investigated over time. This would be a large and difficult task to accomplish, but it should be considered as the results would supply more information than is possible at this time.

Another area for future research concerns the update of data with regard to changing technology. Between 1971 and 1974 the technology involved with the enterprises included in the analysis was under continuous evolution. Because the objective of this thesis was a price and cost comparison, the technology was held constant. If answers are wanted which require an update of the associated technology, the time required is large using the procedures which are at present available. Thus making the procedures more efficient would speed up the generation of data with the end result being a greater and more efficient turnover of results from the linear programming model.

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A P P E N D I C E S

APPENDIX A

Detailed Procedures and Data
Associated with Chapter 3
in the Main Text

**QUESTIONNAIRE FOR CROP
PRODUCTION PRACTICES***

Crop District _____

Typical Field Size _____ acres.

Farms Size _____

Are stones common in fields?

(Total acres in crops and improved pasture)

YES _____ NO _____

Tillage Practices	Flaxseed		Rapeseed		Cereal Crop	
	No. of Times Over	Tractor No.	No. of Times Over	Tractor No.	No. of Times Over	Tractor No.
<u>Pre-Seeding and Seeding</u>						
<u>Drill</u>						
<u>Press Drill</u>						
<u>Discer</u>						
<u>One-Way</u>						
<u>One-Way and Packer</u>						
<u>Discer and Packer</u>						
<u>One-Way Packer & Harrow</u>						
<u>Harrow (as separate operation)</u>						
<u>Packer (as separate operation)</u>						
<u>Other (specify)</u>						
<u>Other (specify)</u>						
<u>After Seeding Period</u>						
<u>Spraying</u>						
<u>Rod Weeder</u>						
<u>Harrow</u>						
<u>Other (specify)</u>						
<u>Harvest</u>						
<u>Swather (pull type)</u>						
<u>Swather (self propelled)</u>						
<u>Combine (PTO)</u>						
<u>Combine (self propelled)</u>						
<u>Other (specify)</u>						

(Continued)

QUESTIONNAIRE (continued)

Tillage Practices	Flaxseed		Rapeseed		Cereal Crop	
	No. of Times Over	Tractor No.	No. of Times Over	Tractor No.	No. of Times Over	Tractor No.
<u>After Harvest</u>						
Plow 1						
Plow 2						
Cultivator						
Cultivator Heavy Duty						
Disc						
Discer						
One-Way Disc						
Harrow						
Other (specify)						
Other (specify)						

GRAIN HAULING

Truck Weight	Box cap. Bushels Wheat	Typical Distance Hauled One Way to Elevator	Road Type

No. of Wagons	Cap. Bushels Wheat	Distance Hauled	Age
Other (specify)			

(Continued)

QUESTIONNAIRE (continued)

Implement Description	Implement Size	Make	Model No.	Gas	Diesel	Age	Box Cap. Bushels Wheat	Number Of Items
Tractor #1								
Tractor #2								
Tractor #3								
Tractor #4								
Tractor #5								
Truck 1/2 ton								
Truck 3/4 ton								
Truck 1 ton								
Truck 2 ton								
Truck 3 ton								
Combine 1 self propelled								
Combine 2 self propelled								
Combine pull type								
Swather self propelled								
Swather pull type								
Plow #1								
Plow #2								
Cultivator								
Cultivator Heavy Duty								
Disc								
Discer								
Harrow								
Drill								
Press Drill								
Packer								
Rod Weeder								
Hay Bind								
Hay Rake								
Bailer (PTO)								
Hay Wagons								
Automatic Bale Wagon								
Other (specify)								

(Continued)

QUESTIONNAIRE (continued)

Crop District _____

Summerfallow Practices for 1971

Tillage Practices	No. of Times Over	Implement Width (Feet)	Tractor Used			Acres Worked Each Time
			Make	Model	Age	
One Way						
Discer						
Cultivator						
Cultivator (Heavy Duty)						
Cultivator and Harrow						
Rod Weeder						
Harrow						
Flow						
Other (Please specify)						

Typical size of field in summerfallow _____

Total acres in summerfallow (1971) _____

Are stones common in fields? YES _____ NO _____

Total Farm Size (Acres) _____ (owned and rented)

Total Improved Acres _____ (owned and rented)

*Questionnaire designed by Dr. W. J. Craddock (Department of Agricultural Economics, University of Manitoba).

LIVESTOCK RATION SUPPLEMENT COSTS (1974)^a

Beef Veal Calf, Birth to 300 lb. and Birth to 500 lb.

lb./day x days = total lb. x \$/lb. = total \$

Beef Cow-Gestation

Concentrate	.50	150	75	.0865	6.4875
-------------	-----	-----	----	-------	--------

Beef Cow-Lactation

Concentrate	1.00	60	60	.0865	5.1900
-------------	------	----	----	-------	--------

Bulls

Concentrate	1.00	210	210	.0865	18.1650
-------------	------	-----	-----	-------	---------

Total for Cows = \$11.6775

Total for Bulls = \$18.1650

Adjustment for calving percentage and cow to bull ratio,
as follows:

Cows	11.6775 x 70%	= 8.1743
------	---------------	----------

Bulls	18.1650 x 70% ÷ 29	= .4385
-------	--------------------	---------

Replacements	---	<hr/>
		8.6128

. . Total = \$8.61 per calf.

^a
The procedure used in this section is that illustrated in the report by Framingham, et. al. (op. cit., Appendix A, Table 46). The dollar values were supplied by Mr. Kelvin Martin, Feed-Rite Mills (1962) Ltd., Winnipeg, Manitoba.

Beef Stocker Calf, Birth to 700 lbs.

$$\text{lb./day} \times \text{days} = \text{total lb.} \times \$/\text{lb.} = \text{total } \$$$
500-700 lbs.

Soybean	.25	210	52.5	.0770	4.0425
---------	-----	-----	------	-------	--------

$$= \$4.04 + \$8.61 \text{ (Birth to 500 lb.)}$$

$$\therefore \text{Total} = \$12.65 \text{ per stocker.}$$

Beef Fed Beef, Birth to 1,050 lbs.

$$\text{lb./day} \times \text{days} = \text{total lb.} \times \$/\text{lb.} = \text{total } \$$$
700-1,050 lb.

Soybean	.22	150	33	.0770	2.5410
---------	-----	-----	----	-------	--------

Minerals	.22	150	33	.1082	3.5706
----------	-----	-----	----	-------	--------

$$= \$6.11 + \$12.65 \text{ (Birth to 700 lb.)}$$

$$\therefore \text{Total} = \$18.76 \text{ per feeder.}$$

Beef and Dairy Fed Beef, 500 to 1,000 lb. (Calf Feeders)

$$\text{lb./day} \times \text{days} = \text{total lb.} \times \$/\text{lb.} = \text{total } \$$$

Soybean	.45	230	103.50	.0770	7.9695
---------	-----	-----	--------	-------	--------

Minerals	.26	230	59.80	.1082	6.4704
----------	-----	-----	-------	-------	--------

$$\therefore \text{Total} = \$14.44 \text{ per feeder.}$$

Dairy Cows (Fluid and Manufacturing Milk Production)

$$\text{lb./day} \times \text{days} = \text{total lb.} \times \$/\text{lb.} = \text{total } \$$$
Dairy Cow-Milking

Supplement	3.25	270	877.50	.0945	82.9238
------------	------	-----	--------	-------	---------

Bulls

Supplement	.50	365	182.50	.0945	17.2463
------------	-----	-----	--------	-------	---------

Adjustment for cow to bull ratio as follows:

Cows	82.9238	=	82.9238
Bulls	17.2463 ÷ 29	=	.5947
			<u>83.5185</u>

∴ Total = \$83.52 per cow.

Dairy Replacements (500 lbs. to Breeding)

lb./day x days = total lb. x \$/lb. = total \$

500-700 lb.

Soybean	.25	210	52.50	.0770	4.0425
---------	-----	-----	-------	-------	--------

700-Breeding

Soybean	.22	150	33	.0770	2.5410
---------	-----	-----	----	-------	--------

Minerals	.22	150	33	.1082	3.5706
----------	-----	-----	----	-------	--------

∴ Total = \$10.15 per replacement.

Dairy Calf (Birth to 500 lbs.¹)²

lb./day x days = total lb. x \$/lb. = total \$

Birth-200 lb.

Milk	9.50	100	950	.0628	59.6600
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Starter	.25	100	25	.0988	2.4700
---------	-----	-----	----	-------	--------

Supplement	.17	100	17	.0945	1.6065
------------	-----	-----	----	-------	--------

∴ Total = \$63.74 per calf.

¹ No supplements fed from 200-500 pounds.

² Same costs for Dairy Veal Calf.

Hogs, Farrow to Weanling

lb./day x days = total lb. x \$/lb. = total \$

Sows-Gestation

Alfalfa	.25	228	57.00	.0500	2.8500
Supplement	.45	228	102.60	.1261	12.9379
					<u>15.7879</u>

Sows-Lactation

Alfalfa	.65	60	39.00	.0500	1.9500
Supplement	1.43	60	85.80	.1261	10.8194

Sows-Dry

Supplement	.45	77	34.65	.1261	4.3694
------------	-----	----	-------	-------	--------

Boars (A)

Alfalfa	.30	65	19.50	.0500	.9750
Supplement	.54	65	35.10	.1261	4.4261
					<u>5.4011</u>

Boars (B)

Supplement	.60	300	180.00	.1261	22.6980
------------	-----	-----	--------	-------	---------

Replacements (A)

Supplement	.39	50	19.50	.1261	2.4590
------------	-----	----	-------	-------	--------

Replacements (B)

Supplement	.52	70	36.40	.1261	4.5900
------------	-----	----	-------	-------	--------

Replacements (C)

Supplement	.65	100	65.00	.1261	8.1965
------------	-----	-----	-------	-------	--------

Adjustment for number of piglets born per sow and sow to boar ratio and replacement rate is as follows:

Sows	32.9267 ÷ 13	= 2.5328
Boars	28.0991 ÷ 13 ÷ 15	= .1441
Replacements	15.2455 ÷ 13 ÷ 3	= .3909
		<hr/>
		3.0678

∴ Total = \$3.07 per weanling.

Hogs, Weanling to Finish

lb./day x days = total lb. x \$/lb. = total \$

Weanlings

Supplement	.48	30	14.40	.1261	1.8158
------------	-----	----	-------	-------	--------

Growers

Supplement	.45	50	22.50	.1261	2.8373
------------	-----	----	-------	-------	--------

Finishers

Supplement	.40	52	20.80	.1261	2.6229
------------	-----	----	-------	-------	--------

7.2760

∴ Total = \$7.28 per finisher.

For hogs on farrow to finish regime the cost is:

\$7.2760 + \$3.0678 = \$10.34 per finisher.

Poultry, Laying Hens

lb./bird x \$/lb. = total \$

Starter

Soybean	.91	.0770	.0701
Meat and Bone Meal	.11	.1533	.0169
Alfalfa	.07	.0500	.0035
Animal Tallow	.04	.1600	.0064
Ground Limestone	.02	.0158	.0003
Rock Phosphate	.05	.1425	.0071

	lb./bird	x \$/lb.	= total \$
Vitamin A	.02	.3900	.0078
Mineral A	.02	.1082	.0022
			<u>.1143</u>

Grower

Soybean	.68	.0770	.0524
Meat and Bone Meal	.32	.1533	.0491
Alfalfa	.32	.0500	.0160
Ground Limestone	.08	.0158	.0013
Rock Phosphate	.32	.1425	.0456
Vitamin A	.08	.3900	.0312
Mineral A	.08	.1082	.0087
			<u>.2043</u>

Starter plus grower = \$.3186 per bird (31.86¢)

Layers

Soybean	11.43	.0770	.8801
Meat and Bone Meal	1.78	.1533	.2729
Alfalfa	1.78	.0500	.0890
Animal Tallow	2.10	.1600	.3360
Ground Limestone	4.46	.0158	.0705
Rock Phosphate	1.78	.1425	.2537
Vitamin B	.45	.3900	.1755
Mineral B	.45	.1082	.0487
			<u>2.1264</u>

Layer = \$2.1264 per bird (212.64¢)

= 11.98¢ per dozen

Starter = .1143

Grower = .2043

Layer = 2.1264

\$2.4450 per bird (244.50¢)

= \$2.4450 ÷ 17.75 = \$/dozen

= \$.1377 per dozen

Poultry, Broilers

	lb./bird	x \$/lb.	= total \$
Soybean	1.92	.0770	.1478
Meat and Bone Meal	.24	.1533	.0368
Alfalfa	.08	.0500	.0040
Fish Meal	.16	.2594	.0415
Animal Tallow	.37	.1600	.0592
Rock Phosphate	.12	.1425	.0171
Vitamin A	.04	.3900	.0156
Mineral A	.04	.1082	<u>.0043</u>
			.3263

∴ Total = \$.33 per bird (33¢)

Turkeys

lb./bird x \$/lb. = total \$

Broiler

Soybean	8.13	.0770	.6260
Meat and Bone Meal	.96	.1533	.1472
Fish Meal	.20	.2594	.0519
Dried Distillers Solubles	.32	.0600	.0192
Dried Whey	.16	.1751	.0280

	lb./bird x \$/lb. = total \$		
Alfalfa	.80	.0500	.0400
Animal Tallow	.80	.1600	.1280
Ground Limestone	.28	.0158	.0044
Rock Phosphate	.76	.1425	.1083
Vitamin C	.20	.3900	.0780
Mineral C	.20	.1082	.0216
			<u>1.2526</u>

Heavy

Soybean	12.08	.0770	.9302
Meat and Bone Meal	1.42	.1533	.2177
Fish Meal	.30	.2594	.0778
Dried Distillers Solubles	.47	.0600	.0282
Dried Whey	.24	.1751	.0420
Alfalfa	1.19	.0500	.0595
Animal Tallow	1.19	.1600	.1904
Ground Limestone	.41	.0158	.0065
Rock Phosphate	1.13	.1425	.1610
Vitamin C	.30	.3900	.1170
Mineral C	.30	.1082	.0325
			<u>1.8628</u>

The total is the average of Broiler Total and Heavy Total, weighted by number of birds.

	No. of Birds	Percent
Broilers	305,000	23.37
Heavy	1,000,000	76.63
	<u>1,305,000</u>	<u>100.00</u>

Broiler	\$1.2526 x 23.37 percent	=	.2927
Heavy	\$1.8628 x 76.63 percent	=	1.4275
			<hr/>
			1.7202

∴ Weighted Average Total = \$1.72 per bird (172.02¢)

Table 1^a

Value of Agricultural Products Sold in Manitoba
1970 Used to Determine Commodities
Included in the Analysis

Crop District	A Total Value (All Products)	B Total Value (Products in Analysis)	B as % of A
	.....dollars.....		
1	21,972,300	21,761,190	99.04
2	33,156,950	32,947,220	99.37
3	61,306,620	59,670,000	97.33
4	14,002,490	13,781,270	98.42
5 ^b	47,751,540	45,211,020	94.68
6 ^b	5,071,820	4,456,340	87.86
7	20,583,550	20,351,470	98.87
8	30,497,470	29,942,820	98.18
9	18,203,360	17,953,710	98.63
10	27,526,510	27,290,000	99.14
11	20,987,880	20,492,240	97.64
12	15,195,890	14,454,310	95.12
13	10,896,470	10,731,430	98.49
14	10,473,320	10,179,360	97.19
TOTAL	337,626,170	329,222,380	97.51

^aColumn B in the table shows the value of products sold (as per column A) less production of (1) other fodder crops, (2) vegetables, (3) tree fruits, (4) greenhouse, (5) sheep, (6) horses, (7) forestry, and (8) other.

^bCrop District 6 is the only district in which the value of the products which are included in the analysis accounted for less than 95% of the total value of products produced in that region.

SOURCE:

Statistics Canada. Census of Canada, 1971.
Catalogue No. 96-708, Vol. IV-Part 3. (Ottawa:
Queen's Printer, May 1973).

Table 2

Model Production Activities and/or Production
Constraints and Identifying Subscripts

Commodity or Production Activity	Identifying Subscript
Wheat	1
Oats	2
Barley	3
Flax	4
Rapeseed	5
Rye	6
Sunflowers	7
Potatoes	8
Sugar Beets	9
Hay	10
Wheat for Feed	11
Oats for Feed	12
Barley for Feed	13
Beef Veal Calf	17
Beef Calf to 500 lbs.	18
Beef Calf to 700 lbs.	19
Beef Calf to 1,050 lbs.	20
Beef 500 to 1,170 lbs. Grass	22
Beef 500 to 1,000 lbs. No Grass	23

(Continued)

Table 2-continued

Commodity or Production Activity	Identifying Subscript
Beef Birth to 1,170 lbs. Grass	21
Beef 700 to 1,050 lbs. No Grass	24
Dairy Veal Calf	25
Dairy Calf to 500 lbs.	26
Dairy Calf to 700 lbs.	27
Dairy Calf to 1,050 lbs.	28
Dairy 500 to 1,170 lbs. Grass	30
Dairy 500 to 1,000 lbs. No Grass	31
Dairy Birth to 1,170 lbs. Grass	29
Dairy 700 to 1,050 lbs. No Grass	32
Hogs Birth to Weanling	33
Hogs Birth to Market	34
Hogs Weanling to Market	35
Milk Fluid	36
Milk Manufactured	37
Eggs	38
Broilers	39
Turkeys	40
Wheat Produced for Sale as Feed	14
Barley Produced for Sale as Feed	16
Oats Produced for Sale as Feed	15
New Born Dairy Calf	41

(Continued)

Table 2-continued

Model Transportation Activities, Animal and Feed Supply
Requirements and Income and Employment Constraints
Together with Identifying Subscripts

Commodity or Production Activity	Identifying Subscript
Transport Wheat for Feed	47
Transport Barley for Feed	48
Transport Oats for Feed	49
Transport Newborn Dairy Calves	43
Transport 500 lb. Dairy Calves	44
Transport 700 lb. Dairy Animal	45
Transport 500 lb. Beef Animal	41
Transport 700 lb. Beef Animal	42
Transport Weanling Hogs	46
Metabolizable Energy	50
Tame Hay Supply	10
Beef Cattle Supply	51
Beef Feeder Supply	52
Dairy Calf (Newborn) Supply	53
Dairy Calf 500 lb. Supply	54
Dairy Feeder Supply	55
Weanling Supply	56
Farm Income	99
Farm Labor	98
Operating Capital (Crops)	96
Operating Capital (Livestock)	97

Table 3
 Specific Costs of Crop Production by Crop District
 Crop District 1, Farm Sizes 1, 2, 3,
 and Soil Type 1 (1974)

	Wheat ^a	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	6.02	5.18	5.87	5.41	5.76	5.82
Machinery	20.28	19.39	22.31	21.07	20.06	19.09
*Fertilizer	0.16	0.76	0.29	0.44	0.04	0.04
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.74	9.23	9.82	9.21	10.26	10.71
*Taxes	1.61	1.38	1.47	1.38	1.54	1.60
*Overhead	<u>3.90</u>	<u>3.35</u>	<u>3.56</u>	<u>3.34</u>	<u>3.73</u>	<u>3.89</u>
TOTAL	43.43	39.81	44.17	41.59	42.05	41.73
<u>Farm Size 2</u>						
*Labor	4.86	4.47	4.82	4.53	4.69	4.82
Machinery	13.01	12.46	14.35	13.40	12.77	12.36
*Fertilizer	0.16	0.76	0.29	0.44	0.04	0.04
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.74	9.23	9.82	9.21	10.26	10.71
*Taxes	1.61	1.38	1.47	1.38	1.54	1.60
*Overhead	<u>4.12</u>	<u>3.54</u>	<u>3.76</u>	<u>3.53</u>	<u>3.93</u>	<u>4.10</u>
TOTAL	35.21	32.35	35.35	33.22	33.90	34.21
<u>Farm Size 3</u>						
*Labor	3.62	3.28	3.69	3.53	3.56	3.41
Machinery	10.51	9.77	11.62	10.93	10.38	9.65
*Fertilizer	0.16	0.76	0.29	0.44	0.04	0.04
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.74	9.23	9.82	9.21	10.26	10.71
*Taxes	1.61	1.38	1.47	1.38	1.54	1.60
*Overhead	<u>4.33</u>	<u>3.73</u>	<u>3.96</u>	<u>3.72</u>	<u>4.14</u>	<u>4.32</u>
TOTAL	31.69	28.66	31.68	29.94	30.58	30.31

^aThe total cost for wheat in the three farm sizes is used to derive the figures in Table 2 and Appendix A, Table 34.

*Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 4

Specific Costs of Crop Production by Crop District
 Crop District 1, Farm Sizes 1, 2, 3,
 and Soil Type 2 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
	.....dollars per acre.....					
<u>Farm Size 1</u>						
*Labor	6.77	5.51	6.77	6.04	6.39	6.34
Machinery	22.11	20.71	23.98	22.12	21.52	21.22
*Fertilizer	0.16	0.76	0.29	0.44	0.04	0.04
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.74	9.23	9.82	9.21	10.26	10.71
*Taxes	1.61	1.38	1.47	1.38	1.54	1.60
*Overhead	<u>3.90</u>	<u>3.35</u>	<u>3.56</u>	<u>3.34</u>	<u>3.73</u>	<u>3.89</u>
TOTAL	46.01	41.46	46.73	43.27	44.15	44.38
<u>Farm Size 2</u>						
*Labor	4.80	4.23	4.74	4.42	4.63	4.63
Machinery	13.66	12.68	14.97	13.93	13.38	12.76
*Fertilizer	0.16	0.76	0.29	0.44	0.04	0.04
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.74	9.23	9.82	9.21	10.26	10.71
*Taxes	1.61	1.38	1.47	1.38	1.54	1.60
*Overhead	<u>4.12</u>	<u>3.54</u>	<u>3.76</u>	<u>3.53</u>	<u>3.93</u>	<u>4.10</u>
TOTAL	35.81	32.33	35.89	33.65	34.46	34.43
<u>Farm Size 3</u>						
*Labor	3.98	3.64	4.05	3.87	3.89	3.87
Machinery	10.74	10.50	11.66	10.93	10.54	10.68
*Fertilizer	0.16	0.76	0.29	0.44	0.04	0.04
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.74	9.23	9.82	9.21	10.26	10.71
*Taxes	1.61	1.38	1.47	1.38	1.54	1.60
*Overhead	<u>4.33</u>	<u>3.73</u>	<u>3.96</u>	<u>3.72</u>	<u>4.14</u>	<u>4.32</u>
TOTAL	32.28	29.75	32.09	30.27	31.08	31.80

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 5

Specific Costs of Crop Production by Crop District
 Crop District 2, Farm Sizes 1, 2, 3,
 and Soil Type 1 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	6.17	5.13	5.85	5.48	5.72	5.59
Machinery	19.02	17.97	20.92	19.56	18.57	17.58
*Fertilizer	3.17	6.66	4.56	6.71	0.84	1.99
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	13.10	10.88	11.48	11.09	12.13	12.21
*Taxes	1.93	1.60	1.69	1.63	1.79	1.80
*Overhead	<u>3.70</u>	<u>3.07</u>	<u>3.24</u>	<u>3.13</u>	<u>3.42</u>	<u>3.45</u>
TOTAL	47.80	45.82	48.57	48.33	43.14	43.19
<u>Farm Size 2</u>						
*Labor	4.93	4.46	4.80	4.56	4.69	4.70
Machinery	13.57	12.90	14.90	13.78	13.09	12.67
*Fertilizer	3.17	6.66	4.56	6.71	0.84	1.99
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	13.10	10.88	11.48	11.09	12.13	12.21
*Taxes	1.93	1.60	1.69	1.63	1.79	1.80
*Overhead	<u>3.92</u>	<u>3.26</u>	<u>3.43</u>	<u>3.32</u>	<u>3.63</u>	<u>3.65</u>
TOTAL	41.34	40.27	41.70	41.81	36.83	37.61
<u>Farm Size 3</u>						
*Labor	3.67	3.26	3.70	3.55	3.55	3.37
Machinery	10.45	9.69	11.54	10.73	10.15	9.46
*Fertilizer	3.17	6.66	4.56	6.71	0.84	1.99
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	13.10	10.88	11.48	11.09	12.13	12.21
*Taxes	1.93	1.60	1.69	1.63	1.79	1.80
*Overhead	<u>4.14</u>	<u>3.44</u>	<u>3.63</u>	<u>3.50</u>	<u>3.83</u>	<u>3.86</u>
TOTAL	37.17	36.04	37.43	37.95	32.96	33.27

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 6

Specific Costs of Crop Production by Crop District
 Crop District 2, Farm Sizes 1, 2, 3,
 and Soil Type 2 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	6.99	5.47	6.75	6.14	6.35	6.02
Machinery	20.85	19.34	22.34	20.53	19.82	19.49
*Fertilizer	3.17	6.66	4.56	6.71	0.84	1.99
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	13.10	10.88	11.48	11.09	12.13	12.21
*Taxes	1.93	1.60	1.69	1.63	1.79	1.80
*Overhead	<u>3.70</u>	<u>3.07</u>	<u>3.24</u>	<u>3.13</u>	<u>3.42</u>	<u>3.45</u>
TOTAL	50.46	47.54	50.90	49.95	45.03	45.53
<u>Farm Size 2</u>						
*Labor	4.88	4.20	4.72	4.47	4.60	4.48
Machinery	14.23	13.13	15.48	14.31	13.67	13.02
*Fertilizer	3.17	6.66	4.56	6.71	0.84	1.99
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	13.10	10.88	11.48	11.09	12.13	12.21
*Taxes	1.93	1.60	1.69	1.63	1.79	1.80
*Overhead	<u>3.92</u>	<u>3.26</u>	<u>3.43</u>	<u>3.32</u>	<u>3.63</u>	<u>3.65</u>
TOTAL	41.95	40.24	42.20	42.25	37.33	37.73
<u>Farm Size 3</u>						
*Labor	4.02	3.65	4.09	3.90	3.90	3.81
Machinery	10.72	10.42	11.56	10.78	10.34	10.50
*Fertilizer	3.17	6.66	4.56	6.71	0.84	1.99
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	13.10	10.88	11.48	11.09	12.13	12.21
*Taxes	1.93	1.60	1.69	1.63	1.79	1.80
*Overhead	<u>4.14</u>	<u>3.44</u>	<u>3.63</u>	<u>3.50</u>	<u>3.83</u>	<u>3.86</u>
TOTAL	37.80	37.17	37.85	38.34	33.50	34.74

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 7

Specific Costs of Crop Production by Crop District
 Crop District 3, Farm Sizes 1, 2, 3,
 and Soil Type 1 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	8.89	7.98	8.81	8.38	8.78	8.57
Machinery	24.57	23.04	27.31	25.03	25.41	22.92
*Fertilizer	3.35	6.84	3.79	5.16	2.55	1.53
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	14.61	13.17	13.65	13.42	14.13	14.48
*Taxes	2.52	2.28	2.36	2.32	2.44	2.50
*Overhead	<u>2.62</u>	<u>2.38</u>	<u>2.47</u>	<u>2.43</u>	<u>2.55</u>	<u>2.62</u>
TOTAL	57.31	56.20	59.22	57.47	56.54	53.20
<u>Farm Size 2</u>						
*Labor	4.93	4.20	4.73	4.44	4.69	4.75
Machinery	14.92	14.67	15.96	14.55	14.48	15.13
*Fertilizer	3.35	6.84	3.79	5.16	2.55	1.53
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	14.61	13.17	13.65	13.42	14.13	14.48
*Taxes	2.52	2.28	2.36	2.32	2.44	2.50
*Overhead	<u>2.84</u>	<u>2.56</u>	<u>2.66</u>	<u>2.61</u>	<u>2.75</u>	<u>2.82</u>
TOTAL	43.90	44.23	43.99	43.24	41.72	41.78
<u>Farm Size 3</u>						
*Labor	4.51	4.37	4.63	4.43	4.45	4.46
Machinery	10.67	10.12	11.63	10.74	10.48	10.16
*Fertilizer	3.35	6.84	3.79	5.16	2.55	1.53
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	14.61	13.17	13.65	13.42	14.13	14.48
*Taxes	2.52	2.28	2.36	2.32	2.44	2.50
*Overhead	<u>3.05</u>	<u>2.75</u>	<u>2.85</u>	<u>2.80</u>	<u>2.95</u>	<u>3.02</u>
TOTAL	39.44	40.03	39.74	39.61	37.67	36.73

*Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 8

Specific Costs of Crop Production by Crop District
 Crop District 3, Farm Sizes 1, 2, 3,
 and Soil Type 2 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
	.....dollars per acre.....					
<u>Farm Size 1</u>						
*Labor	6.40	5.53	6.80	6.16	6.48	5.90
Machinery	23.38	21.81	25.82	23.64	24.08	21.89
*Fertilizer	3.35	6.84	3.79	5.16	2.55	1.53
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	14.61	13.17	13.65	13.42	14.13	14.48
*Taxes	2.52	2.28	2.36	2.32	2.44	2.50
*Overhead	<u>2.64</u>	<u>2.38</u>	<u>2.47</u>	<u>2.43</u>	<u>2.55</u>	<u>2.62</u>
TOTAL	53.63	52.52	55.73	53.85	52.91	49.49
<u>Farm Size 2</u>						
*Labor	4.81	4.28	4.73	4.47	4.65	4.68
Machinery	13.13	11.85	14.16	12.87	12.78	12.25
*Fertilizer	3.35	6.84	3.79	5.16	2.55	1.53
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	14.61	13.17	13.65	13.42	14.13	14.48
*Taxes	2.52	2.28	2.36	2.32	2.44	2.50
*Overhead	<u>2.84</u>	<u>2.56</u>	<u>2.66</u>	<u>2.61</u>	<u>2.75</u>	<u>2.82</u>
TOTAL	41.99	41.49	42.19	41.57	39.97	38.84
<u>Farm Size 3</u>						
*Labor	4.51	4.37	4.63	4.43	4.45	4.46
Machinery	10.80	10.22	11.73	10.84	10.58	10.30
*Fertilizer	3.35	6.84	3.79	5.16	2.55	1.53
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	14.61	13.17	13.65	13.42	14.13	14.48
*Taxes	2.52	2.28	2.36	2.32	2.44	2.50
*Overhead	<u>3.05</u>	<u>2.75</u>	<u>2.85</u>	<u>2.80</u>	<u>2.95</u>	<u>3.02</u>
TOTAL	39.56	40.14	39.85	39.70	37.78	36.86

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 9

Specific Costs of Crop Production by Crop District
 Crop District 4, Farm Sizes 1, 2, 3,
 and Soil Type 1 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	9.53	8.04	8.79	8.39	8.73	8.21
Machinery	28.47	26.64	30.71	28.63	28.84	25.78
*Fertilizer	2.54	6.41	3.05	3.29	1.87	0.93
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	17.40	14.67	15.21	14.88	15.58	15.30
*Taxes	1.75	1.47	1.53	1.49	1.56	1.54
*Overhead	<u>3.80</u>	<u>3.21</u>	<u>3.33</u>	<u>3.25</u>	<u>3.41</u>	<u>3.34</u>
TOTAL	64.20	60.94	63.46	60.67	60.66	55.67
<u>Farm Size 2</u>						
*Labor	5.46	4.23	4.72	4.45	4.74	4.44
Machinery	16.13	19.22	16.27	15.05	15.48	18.62
*Fertilizer	2.54	6.41	3.05	3.29	1.87	0.93
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	17.40	14.67	15.21	14.88	15.58	15.30
*Taxes	1.75	1.47	1.53	1.49	1.56	1.54
*Overhead	<u>4.02</u>	<u>3.39</u>	<u>3.52</u>	<u>3.44</u>	<u>3.60</u>	<u>3.54</u>
TOTAL	48.02	49.90	45.14	43.33	43.50	44.94
<u>Farm Size 3</u>						
*Labor	4.66	4.37	4.60	4.44	4.44	4.38
Machinery	10.95	10.18	11.43	10.69	10.41	9.94
*Fertilizer	2.54	6.41	3.05	3.29	1.87	0.93
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	17.40	14.67	15.21	14.88	15.58	15.30
*Taxes	1.75	1.47	1.53	1.49	1.56	1.54
*Overhead	<u>4.24</u>	<u>3.57</u>	<u>3.71</u>	<u>3.63</u>	<u>3.80</u>	<u>3.73</u>
TOTAL	42.26	41.19	40.36	39.15	38.32	36.39

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 10

Specific Costs of Crop Production by Crop District
 Crop District 4, Farm Sizes 1, 2, 3,
 and Soil Type 2 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	6.97	5.59	6.72	6.15	6.43	5.57
Machinery	27.22	25.27	29.13	27.13	27.39	24.56
*Fertilizer	2.54	6.41	3.05	3.29	1.87	0.93
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	17.40	14.67	15.21	14.88	15.58	15.30
*Taxes	1.75	1.47	1.53	1.49	1.56	1.54
*Overhead	<u>3.80</u>	<u>3.21</u>	<u>3.33</u>	<u>3.25</u>	<u>3.41</u>	<u>3.34</u>
TOTAL	60.39	57.13	59.81	56.92	56.91	51.81
<u>Farm Size 2</u>						
*Labor	5.21	4.30	4.72	4.44	4.66	4.45
Machinery	14.16	12.41	14.46	13.32	13.65	12.21
*Fertilizer	2.54	6.41	3.05	3.29	1.87	0.93
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	17.40	14.67	15.21	14.88	15.58	15.30
*Taxes	1.75	1.47	1.53	1.49	1.56	1.54
*Overhead	<u>4.02</u>	<u>3.39</u>	<u>3.52</u>	<u>3.44</u>	<u>3.60</u>	<u>3.54</u>
TOTAL	45.80	43.16	43.32	41.60	41.59	38.54
<u>Farm Size 3</u>						
*Labor	4.66	4.37	4.60	4.44	4.44	4.38
Machinery	11.10	10.29	11.55	10.80	10.53	10.06
*Fertilizer	2.54	6.41	3.05	3.29	1.87	0.93
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	17.40	14.67	15.21	14.88	15.58	15.30
*Taxes	1.75	1.47	1.53	1.49	1.56	1.54
*Overhead	<u>4.24</u>	<u>3.57</u>	<u>3.71</u>	<u>3.63</u>	<u>3.80</u>	<u>3.73</u>
TOTAL	42.41	41.29	40.48	39.26	38.45	36.51

*Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 11
 Specific Costs of Crop Production by Crop District
 Crop District 5, Farm Sizes 1, 2, 3,
 and Soil Type 1 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	8.97	7.99	8.61	8.50	8.79	8.49
Machinery	27.66	26.31	29.78	28.24	28.42	25.91
*Fertilizer	4.09	9.47	4.51	5.60	4.34	1.42
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	14.17	12.67	13.00	13.15	13.65	13.70
*Taxes	3.21	2.87	2.95	2.98	3.09	3.10
*Overhead	<u>2.03</u>	<u>1.82</u>	<u>1.87</u>	<u>1.89</u>	<u>1.96</u>	<u>1.96</u>
TOTAL	60.85	61.64	61.56	61.10	60.92	55.16
<u>Farm Size 2</u>						
*Labor	5.02	4.22	4.61	4.57	4.74	4.68
Machinery	16.08	18.68	16.59	15.85	15.55	18.61
*Fertilizer	4.09	9.47	4.51	5.60	4.34	1.42
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	14.17	12.67	13.00	13.15	13.65	13.70
*Taxes	3.21	2.87	2.95	2.98	3.09	3.10
*Overhead	<u>2.24</u>	<u>2.00</u>	<u>2.05</u>	<u>2.08</u>	<u>2.16</u>	<u>2.16</u>
TOTAL	45.52	50.42	44.55	44.97	44.20	44.25
<u>Farm Size 3</u>						
*Labor	4.52	4.35	4.53	4.44	4.43	4.44
Machinery	10.60	10.08	11.14	10.65	10.35	10.08
*Fertilizer	4.09	9.47	4.51	5.60	4.34	1.42
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	14.17	12.67	13.00	13.15	13.65	13.70
*Taxes	3.21	2.87	2.95	2.98	3.09	3.10
*Overhead	<u>2.44</u>	<u>2.19</u>	<u>2.24</u>	<u>2.27</u>	<u>2.36</u>	<u>2.36</u>
TOTAL	39.74	42.14	39.22	39.83	38.90	35.68

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 12

Specific Costs of Crop Production by Crop District
 Crop District 5, Farm Sizes 1, 2, 3,
 and Soil Type 2 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	6.44	5.52	6.45	6.17	6.41	5.80
Machinery	26.38	24.98	28.25	26.83	27.04	24.74
*Fertilizer	4.09	9.47	4.51	5.60	4.34	1.42
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	14.17	12.67	13.00	13.15	13.65	13.70
*Taxes	3.21	2.87	2.95	2.98	3.09	3.10
*Overhead	<u>2.03</u>	<u>1.82</u>	<u>1.87</u>	<u>1.89</u>	<u>1.96</u>	<u>1.96</u>
TOTAL	57.04	57.84	57.86	56.34	57.16	51.31
<u>Farm Size 2</u>						
*Labor	4.87	4.30	4.62	4.55	4.69	4.63
Machinery	14.06	12.80	14.59	13.86	13.64	13.04
*Fertilizer	4.09	9.47	4.51	5.60	4.34	1.42
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	14.17	12.67	13.00	13.15	13.65	13.70
*Taxes	3.21	2.87	2.95	2.98	3.09	3.10
*Overhead	<u>2.24</u>	<u>2.00</u>	<u>2.05</u>	<u>2.08</u>	<u>2.16</u>	<u>2.16</u>
TOTAL	43.36	44.62	42.56	42.95	42.24	38.63
<u>Farm Size 3</u>						
*Labor	4.52	4.35	4.53	4.44	4.43	4.44
Machinery	10.73	10.21	11.25	10.77	10.47	10.22
*Fertilizer	4.09	9.47	4.51	5.60	4.34	1.42
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	14.17	12.67	13.00	13.15	13.65	13.70
*Taxes	3.21	2.87	2.95	2.98	3.09	3.10
*Overhead	<u>2.44</u>	<u>2.19</u>	<u>2.24</u>	<u>2.27</u>	<u>2.36</u>	<u>2.36</u>
TOTAL	39.88	42.26	39.32	39.95	39.02	35.82

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 13

Specific Costs of Crop Production by Crop District
 Crop District 6, Farm Sizes 1, 2, 3,
 and Soil Type 1 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
	.....dollars per acre.....					
<u>Farm Size 1</u>						
*Labor	6.70	5.58	6.34	6.35	6.14	5.40
Machinery	27.00	25.77	28.58	27.57	26.30	25.02
*Fertilizer	2.89	0.77	3.19	3.60	9.16	1.36
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.60	9.22	9.40	9.77	9.91	9.20
*Taxes	1.41	1.23	1.25	1.30	1.32	1.22
*Overhead	<u>4.23</u>	<u>3.68</u>	<u>3.75</u>	<u>3.89</u>	<u>3.95</u>	<u>3.67</u>
TOTAL	53.55	46.75	53.34	53.21	57.44	46.45
<u>Farm Size 2</u>						
*Labor	6.95	6.12	6.38	6.50	6.50	6.18
Machinery	16.77	15.59	17.56	16.95	16.06	15.33
*Fertilizer	2.89	0.77	3.19	3.60	9.16	1.36
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.60	9.22	9.40	9.77	9.91	9.20
*Taxes	1.41	1.23	1.25	1.30	1.32	1.22
*Overhead	<u>4.45</u>	<u>3.87</u>	<u>3.94</u>	<u>4.10</u>	<u>4.16</u>	<u>3.86</u>
TOTAL	43.79	37.30	42.56	42.94	47.78	37.73
<u>Farm Size 3</u>						
*Labor	5.33	4.85	5.11	5.14	5.12	4.70
Machinery	11.24	10.33	11.98	11.56	11.01	9.87
*Fertilizer	2.89	0.77	3.19	3.60	9.16	1.36
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.60	9.22	9.40	9.77	9.91	9.20
*Taxes	1.41	1.23	1.25	1.30	1.32	1.22
*Overhead	<u>4.67</u>	<u>4.06</u>	<u>4.14</u>	<u>4.30</u>	<u>4.36</u>	<u>4.05</u>
TOTAL	36.87	30.97	35.90	36.40	41.54	30.98

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 14

Specific Costs of Crop Production by Crop District
 Crop District 6, Farm Sizes 1, 2, 3,
 and Soil Type 2 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	7.18	6.46	7.10	7.05	6.83	6.30
Machinery	30.60	29.32	32.28	31.25	30.06	28.64
*Fertilizer	2.89	0.77	3.19	3.60	9.16	1.36
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.60	9.22	9.40	9.77	9.91	9.20
*Taxes	1.41	1.23	1.25	1.30	1.32	1.22
*Overhead	<u>4.23</u>	<u>3.68</u>	<u>3.75</u>	<u>3.89</u>	<u>3.95</u>	<u>3.67</u>
TOTAL	57.62	51.19	57.80	57.59	61.90	50.97
<u>Farm Size 2</u>						
*Labor	5.84	5.27	5.57	5.61	5.56	5.23
Machinery	16.90	17.53	17.83	17.24	16.47	17.20
*Fertilizer	2.89	0.77	3.19	3.60	9.16	1.36
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.60	9.22	9.40	9.77	9.91	9.20
*Taxes	1.41	1.23	1.25	1.30	1.32	1.22
*Overhead	<u>4.45</u>	<u>3.87</u>	<u>3.94</u>	<u>4.10</u>	<u>4.16</u>	<u>3.86</u>
TOTAL	42.81	38.40	42.01	42.34	47.24	38.66
<u>Farm Size 3</u>						
*Labor	4.35	3.92	4.30	4.28	4.22	4.10
Machinery	12.11	12.39	12.42	12.14	11.74	12.65
*Fertilizer	2.89	0.77	3.19	3.60	9.16	1.36
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.60	9.22	9.40	9.77	9.91	9.20
*Taxes	1.41	1.23	1.25	1.30	1.32	1.22
*Overhead	<u>4.67</u>	<u>4.06</u>	<u>4.14</u>	<u>4.30</u>	<u>4.36</u>	<u>4.05</u>
TOTAL	36.74	32.10	35.53	36.12	41.37	33.16

*Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 15

Specific Costs of Crop Production by Crop District
 Crop District 7, Farm Sizes 1, 2, 3,
 and Soil Type 1 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
	.....dollars per acre.....					
<u>Farm Size 1</u>						
*Labor	6.18	5.27	6.03	5.60	6.11	5.74
Machinery	19.35	18.60	21.13	20.16	19.03	18.14
*Fertilizer	2.01	4.40	1.71	3.44	1.65	0.52
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	9.52	8.10	8.76	8.27	9.47	9.09
*Taxes	2.05	1.75	1.89	1.78	2.04	1.96
*Overhead	<u>3.61</u>	<u>3.08</u>	<u>3.33</u>	<u>3.14</u>	<u>3.60</u>	<u>3.45</u>
TOTAL	43.44	41.70	43.68	43.12	42.56	39.48
<u>Farm Size 2</u>						
*Labor	4.95	4.52	4.90	4.63	4.90	4.78
Machinery	13.52	13.23	14.80	13.94	13.25	12.96
*Fertilizer	2.01	4.40	1.71	3.44	1.65	0.52
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	9.52	8.10	8.76	8.27	9.47	9.09
*Taxes	2.05	1.75	1.89	1.78	2.04	1.96
*Overhead	<u>3.84</u>	<u>3.27</u>	<u>3.53</u>	<u>3.33</u>	<u>3.82</u>	<u>3.66</u>
TOTAL	36.61	35.78	36.43	36.13	35.80	33.55
<u>Farm Size 3</u>						
*Labor	3.66	3.30	3.71	3.58	3.62	3.39
Machinery	10.58	10.00	11.57	10.98	10.36	9.78
*Fertilizer	2.01	4.40	1.71	3.44	1.65	0.52
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	9.52	8.10	8.76	8.27	9.47	9.09
*Taxes	2.05	1.75	1.89	1.78	2.04	1.96
*Overhead	<u>4.06</u>	<u>3.46</u>	<u>3.74</u>	<u>3.53</u>	<u>4.04</u>	<u>3.88</u>
TOTAL	32.60	31.52	32.22	32.30	31.86	29.19

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 16

Specific Costs of Crop Production by Crop District
 Crop District 7, Farm Sizes 1, 2, 3,
 and Soil Type 2 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	6.99	5.63	6.95	6.28	6.85	6.25
Machinery	21.13	20.58	22.78	21.30	20.70	20.59
*Fertilizer	2.01	4.40	1.71	3.44	1.65	0.52
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	9.52	8.10	8.76	8.27	9.47	9.09
*Taxes	2.05	1.75	1.89	1.78	2.04	1.96
*Overhead	<u>3.61</u>	<u>3.08</u>	<u>3.33</u>	<u>3.14</u>	<u>3.60</u>	<u>3.45</u>
TOTAL	46.03	44.06	46.26	44.93	44.99	42.44
<u>Farm Size 2</u>						
*Labor	4.90	4.28	4.81	4.54	4.85	4.58
Machinery	14.19	13.48	15.41	14.50	13.90	13.36
*Fertilizer	2.01	4.40	1.71	3.44	1.65	0.52
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	9.52	8.10	8.76	8.27	9.47	9.09
*Taxes	2.05	1.75	1.89	1.78	2.04	1.96
*Overhead	<u>3.84</u>	<u>3.27</u>	<u>3.53</u>	<u>3.33</u>	<u>3.82</u>	<u>3.66</u>
TOTAL	37.23	35.79	36.95	36.59	36.40	33.76
<u>Farm Size 3</u>						
*Labor	4.02	3.67	4.08	3.92	3.98	3.85
Machinery	10.82	10.71	11.64	11.01	10.61	10.81
*Fertilizer	2.01	4.40	1.71	3.44	1.65	0.52
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	9.52	8.10	8.76	8.27	9.47	9.09
*Taxes	2.05	1.75	1.89	1.78	2.04	1.96
*Overhead	<u>4.06</u>	<u>3.46</u>	<u>3.74</u>	<u>3.53</u>	<u>4.04</u>	<u>3.88</u>
TOTAL	33.20	32.60	32.65	32.67	32.47	30.69

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 17

Specific Costs of Crop Production by Crop District
 Crop District 8, Farm Sizes 1, 2, 3,
 and Soil Type 1 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	6.12	5.17	5.93	5.53	5.73	5.96
Machinery	19.94	18.91	21.99	20.56	19.33	18.73
*Fertilizer	2.65	5.07	3.00	0.0	0.52	1.95
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	13.01	10.98	11.70	11.21	12.23	13.06
*Taxes	1.68	1.42	1.51	1.44	1.58	1.68
*Overhead	<u>3.90</u>	<u>3.30</u>	<u>3.51</u>	<u>3.36</u>	<u>3.67</u>	<u>3.92</u>
TOTAL	48.03	45.35	48.48	42.83	43.73	45.88
<u>Farm Size 2</u>						
*Labor	4.93	4.48	4.86	4.58	4.68	4.91
Machinery	12.89	12.43	14.27	13.16	12.35	12.43
*Fertilizer	2.65	5.07	3.00	0.0	0.52	1.95
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	13.01	10.98	11.70	11.21	12.23	13.06
*Taxes	1.68	1.42	1.51	1.44	1.58	1.68
*Overhead	<u>4.12</u>	<u>3.48</u>	<u>3.71</u>	<u>3.55</u>	<u>3.88</u>	<u>4.14</u>
TOTAL	40.01	38.37	39.88	34.67	35.90	38.75
<u>Farm Size 3</u>						
*Labor	3.66	3.30	3.73	3.56	3.54	3.46
Machinery	10.24	9.59	11.34	10.54	9.86	9.51
*Fertilizer	2.65	5.07	3.00	0.0	0.52	1.95
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	13.01	10.98	11.70	11.21	12.23	13.06
*Taxes	1.68	1.42	1.51	1.44	1.58	1.68
*Overhead	<u>4.34</u>	<u>3.67</u>	<u>3.90</u>	<u>3.74</u>	<u>4.08</u>	<u>4.36</u>
TOTAL	36.30	34.53	36.02	31.22	32.48	34.62

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 18

Specific Costs of Crop Production by Crop District
 Crop District 8, Farm Sizes 1, 2, 3,
 and Soil Type 2 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	6.94	5.55	6.88	6.20	6.35	6.55
Machinery	21.79	21.09	23.61	21.63	20.65	21.75
*Fertilizer	2.65	5.07	3.00	0.0	0.52	1.95
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	13.01	10.98	11.70	11.21	12.23	13.06
*Taxes	1.68	1.42	1.51	1.44	1.58	1.68
*Overhead	<u>3.90</u>	<u>3.30</u>	<u>3.51</u>	<u>3.36</u>	<u>3.67</u>	<u>3.92</u>
TOTAL	50.70	47.92	51.05	44.57	45.66	49.49
<u>Farm Size 2</u>						
*Labor	4.86	4.22	4.78	4.50	4.62	4.70
Machinery	13.56	12.69	14.85	13.71	12.93	12.89
*Fertilizer	2.65	5.07	3.00	0.0	0.52	1.95
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	13.01	10.98	11.70	11.21	12.23	13.06
*Taxes	1.68	1.42	1.51	1.44	1.58	1.68
*Overhead	<u>4.12</u>	<u>3.48</u>	<u>3.71</u>	<u>3.55</u>	<u>3.88</u>	<u>4.14</u>
TOTAL	40.60	38.38	40.39	35.13	36.43	39.01
<u>Farm Size 3</u>						
*Labor	4.01	3.66	4.11	3.92	3.89	3.90
Machinery	10.52	10.36	11.41	10.60	10.08	10.61
*Fertilizer	2.65	5.07	3.00	0.0	0.52	1.95
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	13.01	10.98	11.70	11.21	12.23	13.06
*Taxes	1.68	1.42	1.51	1.44	1.58	1.68
*Overhead	<u>4.34</u>	<u>3.67</u>	<u>3.90</u>	<u>3.74</u>	<u>4.08</u>	<u>4.36</u>
TOTAL	36.93	35.67	36.48	31.64	33.04	36.15

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 19

Specific Costs of Crop Production by Crop District
 Crop District 9, Farm Sizes 1, 2, 3,
 and Soil Type 1 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
	.....dollars per acre.....					
<u>Farm Size 1</u>						
*Labor	6.25	5.26	5.99	5.59	5.84	6.05
Machinery	20.42	19.59	22.26	20.97	19.99	19.30
*Fertilizer	3.59	4.82	3.54	4.96	1.67	0.91
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.90	9.98	10.72	10.24	11.16	11.83
*Taxes	1.69	1.42	1.53	1.46	1.59	1.68
*Overhead	<u>4.05</u>	<u>3.39</u>	<u>3.65</u>	<u>3.48</u>	<u>3.79</u>	<u>4.02</u>
TOTAL	48.61	44.97	48.52	47.44	44.72	44.38
<u>Farm Size 2</u>						
*Labor	4.99	4.51	4.88	4.61	4.75	4.97
Machinery	13.80	13.40	15.04	14.00	13.35	13.34
*Fertilizer	3.59	4.82	3.54	4.96	1.67	0.91
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.90	9.98	10.72	10.24	11.16	11.83
*Taxes	1.69	1.42	1.53	1.46	1.59	1.68
*Overhead	<u>4.27</u>	<u>3.58</u>	<u>3.85</u>	<u>3.68</u>	<u>4.01</u>	<u>4.25</u>
TOTAL	40.96	38.22	40.40	39.68	37.19	37.57
<u>Farm Size 3</u>						
*Labor	3.67	3.30	3.71	3.56	3.58	3.47
Machinery	10.48	9.84	11.43	10.69	10.19	9.76
*Fertilizer	3.59	4.82	3.54	4.96	1.67	0.91
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.90	9.98	10.72	10.24	11.16	11.83
*Taxes	1.69	1.42	1.53	1.46	1.59	1.68
*Overhead	<u>4.50</u>	<u>3.77</u>	<u>4.05</u>	<u>3.87</u>	<u>4.22</u>	<u>4.47</u>
TOTAL	36.55	33.64	35.83	35.51	33.06	32.71

*Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 20

Specific Costs of Crop Production by Crop District
 Crop District 9, Farm Sizes 1, 2, 3,
 and Soil Type 2 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
	.....dollars per acre.....					
<u>Farm Size 1</u>						
*Labor	7.09	5.62	6.89	6.23	6.50	6.68
Machinery	22.45	21.62	24.00	22.17	21.50	22.20
*Fertilizer	3.59	4.82	3.54	4.96	1.67	0.91
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.90	9.98	10.72	10.24	11.16	11.83
*Taxes	1.69	1.42	1.53	1.46	1.59	1.68
*Overhead	<u>4.05</u>	<u>3.39</u>	<u>3.65</u>	<u>3.48</u>	<u>3.79</u>	<u>4.02</u>
TOTAL	51.48	47.36	51.17	49.28	46.88	47.91
<u>Farm Size 2</u>						
*Labor	4.94	4.27	4.79	4.54	4.69	4.77
Machinery	14.47	13.62	15.64	14.55	13.96	13.80
*Fertilizer	3.59	4.82	3.54	4.96	1.67	0.91
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.90	9.98	10.72	10.24	11.16	11.83
*Taxes	1.69	1.42	1.53	1.46	1.59	1.68
*Overhead	<u>4.27</u>	<u>3.58</u>	<u>3.85</u>	<u>3.68</u>	<u>4.01</u>	<u>4.25</u>
TOTAL	41.59	38.21	40.91	40.16	37.74	37.82
<u>Farm Size 3</u>						
*Labor	4.04	3.66	4.07	3.91	3.91	3.93
Machinery	10.75	10.57	11.51	10.77	10.40	10.82
*Fertilizer	3.59	4.82	3.54	4.96	1.67	0.91
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.90	9.98	10.72	10.24	11.16	11.83
*Taxes	1.69	1.42	1.53	1.46	1.59	1.68
*Overhead	<u>4.50</u>	<u>3.77</u>	<u>4.05</u>	<u>3.87</u>	<u>4.22</u>	<u>4.47</u>
TOTAL	37.19	34.73	36.26	35.94	33.61	34.23

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 21

Specific Costs of Crop Production by Crop District
 Crop District 10, Farm Sizes 1, 2, 3,
 and Soil Type 1 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	6.36	5.47	6.46	5.93	6.14	6.09
Machinery	20.95	20.35	23.55	22.13	20.51	19.63
*Fertilizer	0.21	0.53	0.28	0.42	0.10	0.12
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.26	9.69	10.74	10.06	10.94	11.12
*Taxes	1.84	1.58	1.76	1.64	1.79	1.82
*Overhead	<u>3.96</u>	<u>3.41</u>	<u>3.78</u>	<u>3.54</u>	<u>3.85</u>	<u>3.91</u>
TOTAL	45.30	41.54	47.40	44.44	43.99	43.27
<u>Farm Size 2</u>						
*Labor	5.05	4.65	5.16	4.82	4.93	4.98
Machinery	14.45	14.25	16.31	15.15	14.04	13.85
*Fertilizer	0.21	0.53	0.28	0.42	0.10	0.12
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.26	9.69	10.74	10.06	10.94	11.12
*Taxes	1.84	1.58	1.76	1.64	1.79	1.82
*Overhead	<u>4.19</u>	<u>3.60</u>	<u>3.99</u>	<u>3.74</u>	<u>4.07</u>	<u>4.14</u>
TOTAL	37.72	34.81	39.07	36.56	36.54	36.61
<u>Farm Size 3</u>						
*Labor	3.72	3.37	3.87	3.67	3.65	3.50
Machinery	11.07	10.53	12.44	11.64	10.77	10.22
*Fertilizer	0.21	0.53	0.28	0.42	0.10	0.12
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.26	9.69	10.74	10.06	10.94	11.12
*Taxes	1.84	1.58	1.76	1.64	1.79	1.82
*Overhead	<u>4.42</u>	<u>3.80</u>	<u>4.21</u>	<u>3.94</u>	<u>4.29</u>	<u>4.36</u>
TOTAL	33.23	30.01	34.13	32.10	32.21	31.73

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 22

Specific Costs of Crop Production by Crop District
 Crop District 10, Farm Sizes 1, 2, 3,
 and Soil Type 2 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	7.27	5.95	7.62	6.76	6.92	6.75
Machinery	23.00	22.67	25.81	23.71	22.28	22.54
*Fertilizer	0.21	0.53	0.28	0.42	0.10	0.12
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.26	9.69	10.74	10.06	10.94	11.12
*Taxes	1.84	1.58	1.76	1.64	1.79	1.82
*Overhead	<u>3.95</u>	<u>3.41</u>	<u>3.78</u>	<u>3.54</u>	<u>3.85</u>	<u>3.91</u>
TOTAL	48.27	44.34	50.81	46.86	46.55	46.87
<u>Farm Size 2</u>						
*Labor	5.01	4.39	5.09	4.75	4.86	4.80
Machinery	15.13	14.49	16.97	15.74	14.68	14.27
*Fertilizer	0.21	0.53	0.28	0.42	0.10	0.12
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.26	9.69	10.74	10.06	10.94	11.12
*Taxes	1.84	1.58	1.76	1.64	1.79	1.82
*Overhead	<u>4.19</u>	<u>3.60</u>	<u>3.99</u>	<u>3.74</u>	<u>4.07</u>	<u>4.14</u>
TOTAL	38.35	34.80	39.67	37.08	37.11	36.86
<u>Farm Size 3</u>						
*Labor	4.08	3.75	4.25	4.04	3.99	3.95
Machinery	11.28	11.20	12.50	11.64	10.96	11.23
*Fertilizer	0.21	0.53	0.28	0.42	0.10	0.12
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.26	9.69	10.74	10.06	10.94	11.12
*Taxes	1.84	1.58	1.76	1.64	1.79	1.82
*Overhead	<u>4.42</u>	<u>3.80</u>	<u>4.21</u>	<u>3.94</u>	<u>4.29</u>	<u>4.36</u>
TOTAL	33.80	31.06	34.58	32.47	32.74	33.18

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 23

Specific Costs of Crop Production by Crop District
 Crop District 11, Sizes 1, 2, 3,
 and Soil Type I (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	5.78	5.12	6.08	5.65	5.40	5.39
Machinery	24.82	23.31	27.77	25.50	23.90	23.00
*Fertilizer	1.68	2.30	1.57	1.73	0.36	0.58
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.80	9.72	10.50	10.25	10.61	11.65
*Taxes	1.44	1.18	1.28	1.25	1.29	1.42
*Overhead	<u>4.38</u>	<u>3.61</u>	<u>3.90</u>	<u>3.80</u>	<u>3.94</u>	<u>4.32</u>
TOTAL	50.63	45.75	51.93	48.91	46.17	46.93
<u>Farm Size 2</u>						
*Labor	4.44	3.88	4.24	4.07	4.11	4.20
Machinery	14.99	14.76	16.78	15.68	14.75	13.89
*Fertilizer	1.68	2.30	1.57	1.73	0.36	0.58
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.80	9.72	10.50	10.25	10.61	11.65
*Taxes	1.44	1.18	1.28	1.25	1.29	1.42
*Overhead	<u>4.61</u>	<u>3.79</u>	<u>4.10</u>	<u>4.00</u>	<u>4.14</u>	<u>4.55</u>
TOTAL	39.68	36.15	39.31	37.71	35.93	36.86
<u>Farm Size 3</u>						
*Labor	3.95	3.85	4.11	3.97	3.88	3.85
Machinery	10.47	10.25	11.78	11.00	10.35	9.78
*Fertilizer	1.68	2.30	1.57	1.73	0.36	0.58
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.80	9.72	10.50	10.25	10.61	11.65
*Taxes	1.44	1.18	1.28	1.25	1.29	1.42
*Overhead	<u>4.84</u>	<u>3.98</u>	<u>4.30</u>	<u>4.20</u>	<u>4.35</u>	<u>4.77</u>
TOTAL	34.90	31.79	34.37	33.13	31.51	32.63

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 24

Specific Costs of Crop Production by Crop District
 Crop District 11, Farm Sizes 1, 2, 3,
 and Soil Type 2 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	6.05	4.64	5.62	5.25	5.28	5.75
Machinery	28.04	26.04	30.85	28.75	27.25	26.21
*Fertilizer	1.68	2.30	1.57	1.73	0.36	0.58
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.80	9.72	10.50	10.25	10.61	11.65
*Taxes	1.44	1.18	1.28	1.25	1.29	1.42
*Overhead	<u>4.38</u>	<u>3.61</u>	<u>3.90</u>	<u>3.80</u>	<u>3.94</u>	<u>4.32</u>
TOTAL	54.11	48.00	54.55	51.77	49.40	50.52
<u>Farm Size 2</u>						
*Labor	4.93	4.15	4.64	4.43	4.45	4.80
Machinery	15.38	15.34	16.49	15.23	14.48	15.49
*Fertilizer	1.68	2.30	1.57	1.73	0.36	0.58
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.80	9.72	10.50	10.25	10.61	11.65
*Taxes	1.44	1.18	1.28	1.25	1.29	1.42
*Overhead	<u>4.61</u>	<u>3.79</u>	<u>4.10</u>	<u>4.00</u>	<u>4.14</u>	<u>4.55</u>
TOTAL	40.56	36.99	39.42	37.62	36.01	39.07
<u>Farm Size 3</u>						
*Labor	3.98	3.38	3.94	3.75	3.73	3.70
Machinery	11.24	9.58	11.62	10.85	10.51	10.29
*Fertilizer	1.68	2.30	1.57	1.73	0.36	0.58
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	11.80	9.72	10.50	10.25	10.61	11.65
*Taxes	1.44	1.18	1.28	1.25	1.29	1.42
*Overhead	<u>4.84</u>	<u>3.98</u>	<u>4.30</u>	<u>4.20</u>	<u>4.35</u>	<u>4.77</u>
TOTAL	35.70	30.65	34.04	32.76	31.51	33.00

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 25

Specific Costs of Crop Production by Crop District
 Crop District 12, Farm Sizes 1, 2, 3,
 and Soil Type 1 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
	.....dollars per acre.....					
<u>Farm Size 1</u>						
*Labor	6.70	5.51	6.37	6.49	6.21	5.38
Machinery	24.91	23.45	26.71	25.49	24.14	22.63
*Fertilizer	4.18	3.00	4.11	4.83	4.59	1.73
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.97	9.44	9.52	10.29	10.40	9.58
*Taxes	0.85	0.73	0.73	0.79	0.80	0.74
*Overhead	<u>4.73</u>	<u>4.07</u>	<u>4.11</u>	<u>4.44</u>	<u>4.49</u>	<u>4.13</u>
TOTAL	53.06	46.72	52.38	53.07	51.30	44.76
<u>Farm Size 2</u>						
*Labor	6.91	6.01	6.31	6.59	6.53	6.15
Machinery	15.23	13.91	16.18	15.50	14.54	13.63
*Fertilizer	4.18	3.00	4.11	4.83	4.59	1.73
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.97	9.44	9.52	10.29	10.40	9.58
*Taxes	0.85	0.73	0.73	0.79	0.80	0.74
*Overhead	<u>4.95</u>	<u>4.26</u>	<u>4.30</u>	<u>4.65</u>	<u>4.70</u>	<u>4.32</u>
TOTAL	43.81	37.87	41.99	43.38	42.24	36.73
<u>Farm Size 3</u>						
*Labor	5.33	4.79	5.10	5.20	5.13	4.69
Machinery	11.03	10.06	11.95	11.36	10.76	9.53
*Fertilizer	4.18	3.00	4.11	4.83	4.59	1.73
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.97	9.44	9.52	10.29	10.40	9.58
*Taxes	0.85	0.73	0.73	0.79	0.80	0.74
*Overhead	<u>5.17</u>	<u>4.45</u>	<u>4.49</u>	<u>4.85</u>	<u>4.90</u>	<u>4.51</u>
TOTAL	38.25	32.98	36.74	38.06	37.26	31.36

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 26

Specific Costs of Crop Production by Crop District
 Crop District 12, Farm Sizes 1, 2, 3,
 and Soil Type 2 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	7.18	6.43	7.18	7.14	6.89	6.28
Machinery	28.07	26.53	29.91	28.69	27.42	25.82
*Fertilizer	4.18	3.00	4.11	4.83	4.59	1.73
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.97	9.44	9.52	10.29	10.40	9.58
*Taxes	0.85	0.73	0.73	0.79	0.80	0.74
*Overhead	<u>4.73</u>	<u>4.07</u>	<u>4.11</u>	<u>4.44</u>	<u>4.49</u>	<u>4.13</u>
TOTAL	56.71	50.72	56.39	56.92	55.26	48.86
<u>Farm Size 2</u>						
*Labor	5.83	5.21	5.55	5.67	5.59	5.22
Machinery	15.43	14.83	16.48	15.79	14.97	14.44
*Fertilizer	4.18	3.00	4.11	4.83	4.59	1.73
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.97	9.44	9.52	10.29	10.40	9.58
*Taxes	0.85	0.73	0.73	0.79	0.80	0.74
*Overhead	<u>4.95</u>	<u>4.26</u>	<u>4.30</u>	<u>4.65</u>	<u>4.70</u>	<u>4.32</u>
TOTAL	42.94	37.99	41.53	42.75	41.72	36.61
<u>Farm Size 3</u>						
*Labor	4.34	3.90	4.33	4.32	4.25	4.10
Machinery	11.86	11.22	12.27	11.97	11.49	11.43
*Fertilizer	4.18	3.00	4.11	4.83	4.59	1.73
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	10.97	9.44	9.52	10.29	10.40	9.58
*Taxes	0.85	0.73	0.73	0.79	0.80	0.74
*Overhead	<u>5.17</u>	<u>4.45</u>	<u>4.49</u>	<u>4.85</u>	<u>4.90</u>	<u>4.51</u>
TOTAL	38.10	33.25	36.28	37.78	37.10	32.67

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 27

Specific Costs of Crop Production by Crop District
 Crop District 13, Farm Sizes 1, 2, 3,
 and Soil Type 1 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
	.....dollars per acre.....					
<u>Farm Size 1</u>						
*Labor	5.87	5.02	6.15	5.79	5.60	5.51
Machinery	24.53	21.83	27.45	24.98	23.78	22.68
*Fertilizer	1.06	1.87	1.21	1.83	0.22	0.73
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	12.91	10.52	11.03	11.72	11.84	13.11
*Taxes	1.62	1.32	1.39	1.47	1.49	1.65
*Overhead	<u>4.21</u>	<u>3.43</u>	<u>3.60</u>	<u>3.82</u>	<u>3.86</u>	<u>4.27</u>
TOTAL	50.92	44.50	51.67	50.34	47.45	48.53
<u>Farm Size 2</u>						
*Labor	4.47	3.84	4.18	4.22	4.19	4.30
Machinery	14.76	13.99	16.67	15.26	14.61	13.59
*Fertilizer	1.06	1.87	1.21	1.83	0.22	0.73
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	12.91	10.52	11.03	11.72	11.84	13.11
*Taxes	1.62	1.32	1.39	1.47	1.49	1.65
*Overhead	<u>4.44</u>	<u>3.62</u>	<u>3.79</u>	<u>4.03</u>	<u>4.07</u>	<u>4.51</u>
TOTAL	39.97	35.67	39.12	39.25	37.09	38.46
<u>Farm Size 3</u>						
*Labor	3.97	3.82	4.16	3.99	3.93	3.88
Machinery	10.63	10.03	12.11	11.04	10.57	9.83
*Fertilizer	1.06	1.87	1.21	1.83	0.22	0.73
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	12.91	10.52	11.03	11.72	11.84	13.11
*Taxes	1.62	1.32	1.39	1.47	1.49	1.65
*Overhead	<u>4.67</u>	<u>3.81</u>	<u>3.99</u>	<u>4.24</u>	<u>4.28</u>	<u>4.74</u>
TOTAL	35.57	31.88	34.73	35.02	32.99	34.52

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 28

Specific Costs of Crop Production by Crop District
 Crop District 13, Farm Sizes 1, 2, 3,
 and Soil Type 2 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	6.12	4.55	5.50	5.58	5.50	6.00
Machinery	27.73	24.67	30.61	28.24	27.13	25.85
*Fertilizer	1.06	1.87	1.21	1.83	0.22	0.73
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	12.91	10.52	11.03	11.72	11.84	13.11
*Taxes	1.62	1.32	1.39	1.47	1.49	1.65
*Overhead	<u>4.21</u>	<u>3.43</u>	<u>3.60</u>	<u>3.82</u>	<u>3.86</u>	<u>4.27</u>
TOTAL	54.37	46.87	54.19	53.38	50.70	52.19
<u>Farm Size 2</u>						
*Labor	4.97	4.10	4.56	4.62	4.60	4.96
Machinery	15.11	14.30	16.11	15.00	14.41	15.19
*Fertilizer	1.06	1.87	1.21	1.83	0.22	0.73
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	12.91	10.52	11.03	11.72	11.84	13.11
*Taxes	1.62	1.32	1.39	1.47	1.49	1.65
*Overhead	<u>4.44</u>	<u>3.62</u>	<u>3.79</u>	<u>4.03</u>	<u>4.07</u>	<u>4.51</u>
TOTAL	40.82	36.25	38.94	39.40	37.29	40.72
<u>Farm Size 3</u>						
*Labor	4.01	3.34	3.92	3.87	3.81	3.80
Machinery	11.42	9.40	11.70	11.15	10.84	10.59
*Fertilizer	1.06	1.87	1.21	1.83	0.22	0.73
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	12.91	10.52	11.03	11.72	11.84	13.11
*Taxes	1.62	1.32	1.39	1.47	1.49	1.65
*Overhead	<u>4.67</u>	<u>3.81</u>	<u>3.99</u>	<u>4.24</u>	<u>4.28</u>	<u>4.74</u>
TOTAL	36.41	30.77	34.08	35.00	33.14	35.19

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 29

Specific Costs of Crop Production by Crop District
 Crop District 14, Farm Sizes 1, 2, 3,
 and Soil Type 1 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
.....dollars per acre.....						
<u>Farm Size 1</u>						
*Labor	6.79	5.36	6.25	5.95	6.68	6.24
Machinery	24.60	22.60	25.48	24.07	24.96	23.23
*Fertilizer	2.14	1.97	1.39	1.87	0.35	0.38
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	12.16	10.13	10.46	10.48	11.68	11.83
*Taxes	0.69	0.57	0.59	0.59	0.66	0.67
*Overhead	<u>5.01</u>	<u>4.17</u>	<u>4.31</u>	<u>4.32</u>	<u>4.81</u>	<u>4.87</u>
TOTAL	52.10	45.32	49.32	48.00	49.82	47.80
<u>Farm Size 2</u>						
*Labor	7.02	5.94	6.28	6.16	6.75	6.89
Machinery	16.36	14.57	16.71	15.66	15.84	15.60
*Fertilizer	2.14	1.97	1.39	1.87	0.35	0.38
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	12.16	10.13	10.46	10.48	11.68	11.83
*Taxes	0.69	0.57	0.59	0.59	0.66	0.67
*Overhead	<u>5.23</u>	<u>4.36</u>	<u>4.50</u>	<u>4.51</u>	<u>5.03</u>	<u>5.09</u>
TOTAL	44.32	38.05	40.77	40.00	40.98	41.04
<u>Farm Size 3</u>						
*Labor	5.37	4.75	5.07	4.99	5.23	5.07
Machinery	10.65	9.58	11.26	10.67	10.47	9.52
*Fertilizer	2.14	1.97	1.39	1.87	0.35	0.38
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	12.16	10.13	10.46	10.48	11.68	11.83
*Taxes	0.69	0.57	0.59	0.59	0.66	0.67
*Overhead	<u>5.46</u>	<u>4.55</u>	<u>4.69</u>	<u>4.70</u>	<u>5.24</u>	<u>5.31</u>
TOTAL	37.18	32.06	34.30	34.04	34.31	33.35

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations..

Table 30

Specific Costs of Crop Production by Crop District
 Crop District 14, Farm Sizes 1, 2, 3,
 and Soil Type 2 (1974)

	Wheat	Rapeseed	Oats	Barley	Rye	Flax
	.....dollars per acre.....					
<u>Farm Size 1</u>						
*Labor	7.23	6.31	7.04	6.78	7.20	6.80
Machinery	27.70	25.63	28.58	27.29	28.04	26.20
*Fertilizer	2.14	1.97	1.39	1.87	0.35	0.38
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	12.16	10.13	10.46	10.48	11.68	11.83
*Taxes	0.69	0.57	0.59	0.59	0.66	0.67
*Overhead	<u>5.01</u>	<u>4.17</u>	<u>4.31</u>	<u>4.32</u>	<u>4.81</u>	<u>4.87</u>
TOTAL	55.64	49.30	53.21	52.05	53.42	51.32
<u>Farm Size 2</u>						
*Labor	5.88	5.16	5.51	5.40	5.71	5.70
Machinery	16.39	15.35	17.07	16.17	16.06	15.72
*Fertilizer	2.14	1.97	1.39	1.87	0.35	0.38
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	12.16	10.13	10.46	10.48	11.68	11.83
*Taxes	0.69	0.57	0.59	0.59	0.66	0.67
*Overhead	<u>5.23</u>	<u>4.36</u>	<u>4.50</u>	<u>4.51</u>	<u>5.03</u>	<u>5.09</u>
TOTAL	43.21	38.05	40.36	39.74	40.16	39.97
<u>Farm Size 3</u>						
*Labor	4.36	3.87	4.28	4.20	4.28	4.26
Machinery	11.57	10.51	11.66	11.19	11.31	11.37
*Fertilizer	2.14	1.97	1.39	1.87	0.35	0.38
*Chemical	0.49	0.49	0.49	0.49	0.49	0.49
*Seed Cleaning and Treatment	0.23	0.02	0.35	0.24	0.18	0.09
Investment in Land and Buildings	12.16	10.13	10.46	10.48	11.68	11.83
*Taxes	0.69	0.57	0.59	0.59	0.66	0.67
*Overhead	<u>5.46</u>	<u>4.55</u>	<u>4.69</u>	<u>4.70</u>	<u>5.24</u>	<u>5.31</u>
TOTAL	37.09	32.11	33.92	33.75	34.19	34.40

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 31

Sunflowers, Costs by Crop District (1974)

		Dollars per Acre													
	*Labor ^a	3.518													
	Machinery ^b	12.142													
	*Fertilizer ^c	8.863													
	*Chemicals ^d	5.246													
	*Seed Cleaning and Treatment ^e	1.455													
	*Overheads ^f	4.124													
	SUBTOTAL (A)	35.348													
<u>Crop District Specific Costs (B)</u>		<u>Crop Districts</u>													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
*Taxes		1.04	1.22	1.74	1.12	2.18	.89	1.29	1.07	1.05	1.13	.88	.54	.99	.43
Investment in Land & Buildings		6.94	8.29	10.07	11.16	9.62	6.70	5.98	8.30	7.38	6.91	7.22	7.00	7.88	7.60
SUBTOTAL (B)		7.98	9.51	11.81	12.28	11.80	7.59	7.27	9.37	8.43	8.04	8.10	7.54	8.87	8.03
TOTAL (A + B)		43.33	44.86	47.16	47.63	47.15	42.94	42.62	44.72	43.78	43.39	43.45	42.89	44.22	43.38

* Components of Operating Capital.

^a Indexed up from 1971 by 48.12 percent which is increase in the wage rate.

^b Indexed up from 1971 by 18.29 percent which is increase in machinery costs.

^c Indexed up from 1971 by 32.64 percent which is average increase in fertilizer costs.

^d Indexed up from 1971 by 66.42 percent which is increase in herbicide costs.

^e Indexed up from 1971 by 114.29 percent which is increase in seed cleaning and treatment costs.

^f Indexed up from 1971 by 42.32 percent which is increase in overhead charges.

NOTE: See section 6.1.3 Data Limitations.

Table 32

Sugar Beets, Costs by Crop District (1974)

		Dollar per Acre													
	*Labor ^a	46.04													
	Machinery ^b	60.86													
	*Fertilizer ^c	11.45													
	*Chemicals ^d	12.22													
	*Overheads ^e	78.40													
	SUBTOTAL (A)	208.97													
<u>Crop District Specific Costs (B)</u>		<u>Crop Districts</u>													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
	*Taxes	1.04	1.22	1.74	1.12	2.18	.89	1.29	1.07	1.05	1.13	.88	.54	.99	.43
	Investment in Land & Buildings	6.94	8.29	10.07	11.16	9.62	6.70	5.98	8.30	7.38	6.91	7.22	7.00	7.88	7.60
	SUBTOTAL (B)	7.98	9.51	11.81	12.28	11.80	7.59	7.27	9.37	8.43	8.04	8.10	7.54	8.87	8.03
	TOTAL (A + B)	216.95	218.48	220.78	221.25	220.77	216.56	216.24	218.34	217.40	217.01	217.07	216.51	217.84	217.00

*Components of Operating Capital.

^aIndexed up from 1971 by 48.12 percent which is increase in the wage rate.

^bIndexed up from 1971 by 18.29 percent which is increase in machinery costs.

^cIndexed up from 1971 by 32.64 percent which is average increase in fertilizer costs.

^dIndexed up from 1971 by 66.42 percent which is increase in herbicide costs.

^eIndexed up from 1971 by 42.32 percent which is increase in overhead charges.

NOTE: See section 6.1.3 Data Limitations.

Table 33

Potatoes, Costs by Crop District (1974)

		Dollars per Acre													
	*Labor ^a	31.88													
	Machinery ^b	40.31													
	*Fertilizer ^c	18.54													
	*Chemicals ^d	11.87													
	*Overheads ^e	39.27													
	Storage ^f	22.64													
	SUBTOTAL (A)	164.51													
<u>Crop District Specific Costs (B)</u>		<u>Crop Districts</u>													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
	*Taxes	1.04	1.22	1.74	1.12	2.18	.89	1.29	1.07	1.05	1.13	.88	.54	.99	.43
	Investment in Land & Buildings	6.94	8.29	10.07	11.16	9.62	6.70	5.98	8.30	7.38	6.91	7.22	7.00	7.88	7.60
	SUBTOTAL (B)	7.98	9.51	11.81	12.28	11.80	7.59	7.27	9.37	8.43	8.04	8.10	7.54	8.87	8.03
	TOTAL (A + B)	172.49	174.02	176.32	176.79	176.31	172.10	171.78	173.88	172.94	172.55	172.61	172.05	173.38	172.54

* Components of Operating Capital.

^a Indexed up from 1971 by 48.12 percent which is increase in the wage rate.

^b Indexed up from 1971 by 18.29 percent which is increase in machinery costs.

^c Indexed up from 1971 by 32.64 percent which is average increase in fertilizer costs.

^d Indexed up from 1971 by 66.42 percent which is increase in herbicide costs.

^e Indexed up from 1971 by 42.32 percent which is increase in overhead charges.

^f Indexed up from 1971 by 42.32 percent which is increase in overhead charges.

NOTE: See section 6.1.3 Data Limitations.

Table 34

Net Crop Incomes for Specified Crops By
Crop District and Farm Size (1974)

Crop District	Wheat	Rapeseed	Oats	Barley	Rye	Flax	Farm Size	Soil Type
1	62.61*	97.20	30.95	50.30	9.17	53.77	1	1
1	69.67*	103.95	38.71	57.79	16.25	60.29	2	1
1	71.95*	106.45	41.25	60.08	18.44	62.78	3	1
1	60.79	95.88	29.28	49.26	7.70	51.64	1	2
1	69.01	103.73	38.09	57.26	15.64	59.88	2	2
1	71.72	105.72	41.20	60.08	18.27	61.75	3	2
2	69.14	104.53	32.55	47.86	10.12	66.39	1	1
2	74.37	109.42	38.38	53.46	15.39	71.09	2	1
2	77.27	112.44	41.55	56.32	18.12	74.10	3	1
2	67.31	103.16	31.13	46.90	8.86	64.48	1	2
2	73.71	109.18	37.80	52.93	14.81	70.74	2	2
2	77.00	111.71	41.52	56.27	17.94	73.06	3	2
3	49.45	82.71	22.54	30.64	-2.09	51.57	1	1
3	58.90	90.90	33.70	40.93	8.65	59.17	2	1
3	62.94	95.27	37.84	44.55	12.45	63.93	3	1
3	50.64	83.94	24.03	32.03	-0.76	52.61	1	2
3	60.69	93.72	35.50	42.61	10.35	62.05	2	2
3	62.82	95.16	37.73	44.45	12.34	63.80	3	2
4	49.43	83.22	13.47	26.63	-5.66	56.43	1	1
4	61.54	90.45	27.73	40.03	7.51	63.40	2	1
4	66.51	99.31	32.38	44.20	12.39	71.89	3	1
4	50.68	84.59	15.06	28.14	-4.21	57.66	1	2
4	63.51	97.27	29.54	41.76	9.33	69.81	2	2
4	66.36	99.20	32.26	44.09	12.26	71.77	3	2
5	37.81	64.77	6.15	17.60	-12.80	47.39	1	1
5	49.19	72.22	19.15	29.80	-0.13	54.49	2	1
5	54.47	80.63	24.41	34.81	4.87	62.82	3	1
5	39.09	66.10	7.68	19.02	-11.42	48.56	1	2
5	51.21	78.09	21.15	31.79	1.79	60.06	2	2
5	54.33	80.51	24.31	34.69	4.75	62.68	3	2
6	44.78	79.56	10.87	26.83	-11.07	68.91	1	1
6	54.79	89.55	21.70	37.25	-1.04	78.41	2	1
6	60.09	94.60	27.08	42.44	3.81	83.68	3	1
6	41.18	76.00	7.16	23.15	-14.83	65.29	1	2
6	54.66	87.60	21.42	36.96	-1.44	76.53	2	2
6	59.23	92.54	26.64	41.85	3.08	80.90	3	2
7	52.36	94.90	29.15	47.54	3.15	59.34	1	1
7	67.97	100.07	35.27	53.56	8.71	64.31	2	1
7	70.69	103.12	38.29	56.33	11.37	67.28	3	1
7	60.58	92.91	27.50	46.40	1.47	56.89	1	2
7	67.29	99.82	34.66	53.01	8.05	63.91	2	2
7	70.45	102.40	38.23	56.30	11.12	66.25	3	2
8	70.99	107.67	33.63	54.11	5.85	68.16	1	1
8	77.82	113.97	41.15	61.33	12.63	74.24	2	1
8	80.26	116.62	43.88	63.76	14.91	76.93	3	1
8	69.14	105.49	32.01	53.04	4.53	65.14	1	2
8	77.16	113.70	40.57	60.78	12.05	73.78	2	2
8	79.98	115.84	43.81	63.69	14.69	75.84	3	2
9	57.94	92.50	24.91	37.74	2.21	57.09	1	1
9	64.33	98.50	31.92	44.52	8.64	62.82	2	1
9	67.43	101.87	35.33	47.63	11.59	66.18	3	1
9	55.91	90.47	23.17	36.55	0.70	54.20	1	2
9	63.65	98.28	31.33	43.97	8.03	62.37	2	2
9	67.15	101.14	35.25	47.56	11.38	65.12	3	2

(Continued)

*These three income values are the ones shown in Table 2. The corresponding costs of production values are illustrated in Appendix A, Table 3.

Table 34-Continued

Crop District	Wheat	Repeased	Oats	Barley	Rye	Flax	Farm Size	Soil Type
10	78.42	117.17	39.43	58.31	7.90	74.95	1	1
10	84.69	123.08	46.45	65.09	14.15	80.50	2	1
10	87.85	126.61	50.10	68.40	17.19	83.90	3	1
10	76.37	114.85	37.17	56.74	6.13	72.04	1	2
10	84.01	122.84	45.79	64.50	13.50	80.08	2	2
10	87.64	125.93	50.04	68.40	17.00	82.90	3	2
11	64.57	97.38	25.58	38.00	2.49	68.84	1	1
11	74.18	105.73	36.37	47.62	11.44	77.72	2	1
11	78.47	110.06	41.17	52.10	15.63	81.61	3	1
11	61.36	94.64	22.51	34.74	-0.87	65.62	1	2
11	73.78	105.16	36.66	48.07	11.70	76.12	2	2
11	77.70	110.73	41.33	52.25	15.47	81.09	3	2
12	55.04	91.65	20.91	33.71	-2.37	70.36	1	1
12	64.51	101.00	31.25	43.50	7.02	79.16	2	1
12	68.48	104.66	35.29	47.44	10.59	83.08	3	1
12	51.88	88.56	17.71	30.51	-5.65	67.17	1	2
12	64.31	100.07	30.95	43.22	6.60	78.36	2	2
12	67.65	103.50	34.97	46.83	9.87	81.17	3	2
13	79.25	77.03	33.03	42.40	11.83	82.81	1	1
13	88.79	84.68	43.61	51.91	20.79	91.68	2	1
13	92.70	88.46	47.98	55.92	24.62	95.21	3	1
13	76.06	74.19	29.87	39.14	8.48	79.65	1	2
13	88.45	84.37	44.18	52.17	20.99	90.08	2	2
13	91.91	89.09	48.39	55.81	24.35	94.44	3	2
14	46.28	76.90	15.43	27.36	-2.55	46.17	1	1
14	54.29	84.74	24.00	35.57	6.36	53.58	2	1
14	59.79	89.54	29.27	40.37	11.51	59.45	3	1
14	43.19	73.87	12.33	24.14	-5.63	43.21	1	2
14	54.27	33.96	23.65	35.07	6.14	53.46	2	2
14	58.87	88.62	28.86	39.85	10.68	57.60	3	2

Table 35

Sunflowers, Net Income by Crop District (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
750 lbs. per acre at 18¢ per lb. (\$)	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00
Less Seed at 2.799 per acre (\$) ^a	2.799	2.799	2.799	2.799	2.799	2.799	2.799	2.799	2.799	2.799	2.799	2.799	2.799	2.799
Equals Gross Return per acre (\$)	132.20	132.20	132.20	132.20	132.20	132.20	132.20	132.20	132.20	132.20	132.20	132.20	132.20	132.20
Less Total Costs	43.33	44.86	47.16	47.63	47.15	42.94	42.62	44.72	43.78	43.39	43.45	42.89	44.22	43.38
Equals C.J. Value	88.87	87.34	85.04	84.57	85.05	89.26	89.58	87.48	88.42	88.81	88.75	89.31	87.98	88.82
Plus Labor	3.518	3.518	3.518	3.518	3.518	3.518	3.518	3.518	3.518	3.518	3.518	3.518	3.518	3.518
Equals Income	92.39	90.86	88.56	88.09	88.57	92.78	93.10	91.00	91.94	92.33	92.27	92.83	91.50	92.34

^aIndexed up from 1971 by 200.00 percent which is increase in sale value of sunflowers.

Table 36

Sugar Beets, Net Income by Crop District (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
11.77 tons per acre at \$50.00 per ton	588.50	588.50	588.50	588.50	588.50	588.50	588.50	588.50	588.50	588.50	588.50	588.50	588.50	588.50
Less Seed at \$9.79 per acre ^a	9.79	9.79	9.79	9.79	9.79	9.79	9.79	9.79	9.79	9.79	9.79	9.79	9.79	9.79
Equals Gross Return per acre (\$)	578.71	578.71	578.71	578.71	578.71	578.71	578.71	578.71	578.71	578.71	578.71	578.71	578.71	578.71
Less Total Costs	216.95	218.48	220.78	221.25	220.77	216.56	216.24	218.34	217.40	217.01	217.07	216.51	217.84	217.00
Equals C.J. Value	361.76	360.23	357.93	357.46	357.94	362.15	362.47	360.37	361.31	361.70	361.64	362.20	360.87	361.71
Plus Labor	46.04	46.04	46.04	46.04	46.04	46.04	46.04	46.04	46.04	46.04	46.04	46.04	46.04	46.04
Equals Income	407.80	406.27	403.97	403.50	403.98	408.19	408.51	406.41	407.35	407.74	407.68	408.24	406.91	407.75

^aIndexed up from 1971 by 212.90 percent which is increase in sale value of sugar beets.

Table 37

Potatoes, Net Income by Crop District (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
125 cwt. per acre at \$2.63 per cwt.	328.75	328.75	328.75	328.75	328.75	328.75	328.75	328.75	328.75	328.75	328.75	328.75	328.75	328.75
Less Seed at \$34.94 per acre ^a	34.94	34.94	34.94	34.94	34.94	34.94	34.94	34.94	34.94	34.94	34.94	34.94	34.94	34.94
Equals Gross Return per acre (\$)	293.81	293.81	293.81	293.81	293.81	293.81	293.81	293.81	293.81	293.81	293.81	293.81	293.81	293.81
Less Total Costs	172.49	174.02	176.32	176.79	176.31	172.10	171.78	173.88	172.94	172.55	172.61	172.05	173.38	172.54
Equals C.J. Value	121.32	119.79	117.49	117.02	117.50	121.71	122.03	119.93	120.87	121.26	121.20	121.76	120.43	121.27
Plus Labor	31.88	31.88	31.88	31.88	31.88	31.88	31.88	31.88	31.88	31.88	31.88	31.88	31.88	31.88
Equals Income	153.20	151.67	149.37	148.90	149.38	153.59	153.91	151.81	152.75	153.14	153.08	153.64	152.31	153.15

^aIndexed up from 1971 by 43.72 percent which is increase in sale value of potatoes.

Table 38

Pasture Requirements, Investment and Taxes
for Livestock Enterprises (1974)

	Pasture Requirement (acres)	Tax/acre	Invest per Acre	Total Tax	Total Cost/Animal
.....dollars.....					
Crop District 1					
Beef Veal Calf	18.8653	.34768	2.31	6.56	43.5788
Birth - 500 lb.	18.8653	.34768	2.31	6.56	43.5788
- 700 lb.	18.8653	.34768	2.31	6.56	43.5788
- 1,050 lb.	18.8653	.34768	2.31	6.56	43.5788
- 1,170 lb.	28.8153	.34768	2.31	10.02	66.5633
500 - 1,170 lb.	9.95	.34768	2.31	3.46	22.9845
Dairy Birth - 1,170 lb.	9.95	.34768	2.31	3.46	22.9845
500 - 1,170 lb.	9.95	.34768	2.31	3.46	22.9845
Milk Cows	2.41	1.04304	6.94	2.51	16.7254
Crop District 2					
Beef Veal Calf	11.8101	.40618	2.76	4.80	32.5959
Birth - 500 lb.	11.8101	.40618	2.76	4.80	32.5959
- 700 lb.	11.8101	.40618	2.76	4.80	32.5959
- 1,050 lb.	11.8101	.40618	2.76	4.80	32.5959
- 1,170 lb.	18.0401	.40618	2.76	7.33	49.7907
500 - 1,170 lb.	6.23	.40618	2.76	2.53	17.1948
Dairy Birth - 1,170 lb.	6.23	.40618	2.76	2.53	17.1948
500 - 1,170 lb.	6.23	.40618	2.76	2.53	17.1948
Milk Cows	2.41	1.21855	8.29	2.94	19.9789
Crop District 3					
Beef Veal Calf	7.3072	.58012	3.36	4.24	24.5522
Birth - 500 lb.	7.3072	.58012	3.36	4.24	24.5522
- 700 lb.	7.3072	.58012	3.36	4.24	24.5522
- 1,050 lb.	7.3072	.58012	3.36	4.24	24.5522
- 1,170 lb.	11.1572	.58012	3.36	6.47	37.4882
500 - 1,170 lb.	3.85	.58012	3.36	2.23	12.9360
Dairy Birth - 1,170 lb.	3.85	.58012	3.36	2.23	12.9360
500 - 1,170 lb.	3.85	.58012	3.36	2.23	12.9360
Milk Cows	2.41	1.74039	10.07	4.19	24.2687
Crop District 4					
Beef Veal Calf	10.1926	.37259	3.72	3.80	37.9165
Birth - 500 lb.	10.1926	.37259	3.72	3.80	37.9165
- 700 lb.	10.1926	.37259	3.72	3.80	37.9165
- 1,050 lb.	10.1926	.37259	3.72	3.80	37.9165
- 1,170 lb.	15.5726	.37259	3.72	5.80	57.9301
500 - 1,170 lb.	5.38	.37259	3.72	2.00	20.0136
Dairy Birth - 1,170 lb.	5.38	.37259	3.72	2.00	20.0136
500 - 1,170 lb.	5.38	.37259	3.72	2.00	20.0136
Milk Cows	2.41	1.11778	11.16	2.69	26.8956
Crop District 5					
Beef Veal Calf	9.0276	.72563	3.21	6.55	28.9786
Birth - 500 lb.	9.0276	.72563	3.21	6.55	28.9786
- 700 lb.	9.0276	.72563	3.21	6.55	28.9786
- 1,050 lb.	9.0276	.72563	3.21	6.55	28.9786
- 1,170 lb.	13.7876	.72563	3.21	10.00	44.2582
500 - 1,170 lb.	4.76	.72563	3.21	3.45	15.2796
Dairy Birth - 1,170 lb.	4.76	.72563	3.21	3.45	15.2796
500 - 1,170 lb.	4.76	.72563	3.21	3.45	15.2796
Milk Cows	2.41	2.17692	9.62	5.25	23.1842
Crop District 6					
Beef Veal Calf	11.2925	.29671	2.23	3.35	25.1823
Birth - 500 lb.	11.2925	.29671	2.23	3.35	25.1823
- 700 lb.	11.2925	.29671	2.23	3.35	25.1823
- 1,050 lb.	11.2925	.29671	2.23	3.35	25.1823
- 1,170 lb.	17.2525	.29671	2.23	5.12	38.4731
500 - 1,170 lb.	5.96	.29671	2.23	1.77	13.2908
Dairy Birth - 1,170 lb.	5.96	.29671	2.23	1.77	13.2908
500 - 1,170 lb.	5.96	.29671	2.23	1.77	13.2908
Milk Cows	2.41	.89015	6.70	2.15	16.1470
Crop District 7					
Beef Veal Calf	9.2416	.42919	1.99	3.97	18.3908
Birth - 500 lb.	9.2416	.42919	1.99	3.97	18.3908
- 700 lb.	9.2416	.42919	1.99	3.97	18.3908
- 1,050 lb.	9.2416	.42919	1.99	3.97	18.3908
- 1,170 lb.	14.1116	.42919	1.99	6.06	28.0821
500 - 1,170 lb.	4.87	.42919	1.99	2.09	9.6913
Dairy Birth - 1,170 lb.	4.87	.42919	1.99	2.09	9.6913
500 - 1,170 lb.	4.87	.42919	1.99	2.09	9.6913
Milk Cows	2.41	1.28758	5.98	3.10	14.4118

(Continued)

Table 38-continued

	Pasture Requirement (acres)	Tax/acre	Invest per Acre	Total Tax	Total Cost/Animal
.....dollars.....					
<u>Crop District 8</u>					
Beef Veal Calf	11.7098	.35726	2.77	4.18	32.4361
Birth - 500 lb.	11.7098	.35726	2.77	4.18	32.4361
- 700 lb.	11.7098	.35726	2.77	4.18	32.4361
- 1,050 lb.	11.7098	.35726	2.77	4.18	32.4361
- 1,170 lb.	17.8898	.35726	2.77	6.59	49.5547
500 - 1,170 lb.	6.18	.35726	2.77	2.21	17.1186
Dairy Birth - 1,170 lb.	6.18	.35726	2.77	2.21	17.1186
500 - 1,170 lb.	6.18	.35726	2.77	2.21	17.1186
Milk Cows	2.14	1.07179	8.30	2.58	20.0030
<u>Crop District 9</u>					
Beef Veal Calf	16.3997	.34882	2.46	5.72	40.3433
Birth - 500 lb.	16.3997	.34882	2.46	5.72	40.3433
- 700 lb.	16.3997	.34882	2.46	5.72	40.3433
- 1,050 lb.	16.3997	.34882	2.46	5.72	40.3433
- 1,170 lb.	25.0497	.34882	2.46	8.74	61.6223
500 - 1,170 lb.	8.65	.34882	2.46	3.02	21.2790
Dairy Birth - 1,170 lb.	8.65	.34882	2.46	3.02	21.2790
500 - 1,170 lb.	8.65	.34882	2.46	3.02	21.2790
Milk Cows	2.41	1.04646	7.38	2.52	17.7858
<u>Crop District 10</u>					
Beef Veal Calf	25.4544	.37803	2.30	9.62	58.5451
Birth - 500 lb.	25.4544	.37803	2.30	9.62	58.5451
- 700 lb.	25.4544	.37803	2.30	9.62	58.5451
- 1,050 lb.	25.4544	.37803	2.30	9.62	58.5451
- 1,170 lb.	38.8844	.37803	2.30	14.70	89.4341
500 - 1,170 lb.	13.43	.37803	2.30	5.08	30.8890
Dairy Birth - 1,170 lb.	13.43	.37803	2.30	5.08	30.8890
500 - 1,170 lb.	13.43	.37803	2.30	5.08	30.8890
Milk Cows	2.41	1.13409	6.91	2.73	16.6531
<u>Crop District 11</u>					
Beef Veal Calf	15.8172	.29214	2.41	4.62	38.1195
Birth - 500 lb.	15.8172	.29214	2.41	4.62	38.1195
- 700 lb.	15.8172	.29214	2.41	4.62	38.1195
- 1,050 lb.	15.8172	.29214	2.41	4.62	38.1195
- 1,170 lb.	24.1572	.29214	2.41	7.06	58.2189
500 - 1,170 lb.	8.34	.29214	2.41	2.44	20.0994
Dairy Birth - 1,170 lb.	8.34	.29214	2.41	2.44	20.0994
500 - 1,170 lb.	8.34	.29214	2.41	2.44	20.0994
Milk Cows	2.41	.87642	7.22	2.11	17.4002
<u>Crop District 12</u>					
Beef Veal Calf	12.2029	.17921	2.33	2.19	28.4328
Birth - 500 lb.	12.2029	.17921	2.33	2.19	28.4328
- 700 lb.	12.2029	.17921	2.33	2.19	28.4328
- 1,050 lb.	12.2029	.17921	2.33	2.19	28.4328
- 1,170 lb.	18.6429	.17921	2.33	3.34	43.4380
500 - 1,170 lb.	6.44	.17921	2.33	1.15	15.0052
Dairy Birth - 1,170 lb.	6.44	.17921	2.33	1.15	15.0052
500 - 1,170 lb.	6.44	.17921	2.33	1.15	15.0052
Milk Cows	2.41	.53764	7.00	1.30	16.8700
<u>Crop District 13</u>					
Beef Veal Calf	10.5204	.32848	2.63	3.46	27.6687
Birth - 500 lb.	10.5204	.32848	2.63	3.46	27.6687
- 700 lb.	10.5204	.32848	2.63	3.46	27.6687
- 1,050 lb.	10.5204	.32848	2.63	3.46	27.6687
- 1,170 lb.	16.0704	.32848	2.63	5.28	42.2652
500 - 1,170 lb.	5.55	.32848	2.63	1.82	14.5965
Dairy Birth - 1,170 lb.	5.55	.32848	2.63	1.82	14.5965
500 - 1,170 lb.	5.55	.32848	2.63	1.82	14.5965
Milk Cows	2.41	.98546	7.88	2.37	18.9908
<u>Crop District 14</u>					
Beef Veal Calf	15.3377	.14289	2.53	2.19	38.8044
Birth - 500 lb.	15.3377	.14289	2.53	2.19	38.8044
- 700 lb.	15.3377	.14289	2.53	2.19	38.8044
- 1,050 lb.	15.3377	.14289	2.53	2.19	38.8044
- 1,170 lb.	23.4277	.14289	2.53	3.55	59.2721
500 - 1,170 lb.	8.09	.14289	2.53	1.16	20.4677
Dairy Birth - 1,170 lb.	8.09	.14289	2.53	1.16	20.4677
500 - 1,170 lb.	8.09	.14289	2.53	1.16	20.4677
Milk Cows	2.41	.42867	7.60	1.03	18.3160

Table 39

Beef Veal Calf Birth to 300 lbs. and Beef Calf, Birth to 500 lbs.
Costs by Crop District and Farm Size (1974)

	Small (\$)		Large (\$)											
<u>BEEF VEAL CALF, BIRTH TO 300 LBS.</u>														
<u>Enterprise Size Specific Costs (A)</u>														
*Bedding ^a		27.76		29.08										
*Vet and Medicines ^b		4.41		4.41										
*Manure Disposal ^c		12.41												
*Miscellaneous ^b		6.40		3.20										
*Depreciation:														
Buildings 6,859 @ 5%		3.43	12,003 @ 5%	3.00										
Equipment 766 @ 10%		.77	1,130 @ 10%	.57										
Fencing 2,497 @ 5%		1.25	4,993 @ 5%	1.25										
*Investment @ 6%:														
Buildings 6,859		4.12	12,003	3.60										
Equipment 766		.46	1,130	.34										
Fencing 2,497		1.50	4,993	1.50										
Livestock 47,586		28.55	95,172	28.55										
Bull Costs ^d		7.42		7.42										
Commission and Yardage ^b		2.68		3.19										
*Labor: 8.34 hours @ \$2.22 per hour		18.51	5.31 hours @ \$2.22 per hour	11.79										
SUBTOTAL (A)		119.67		97.90										
<u>Crop Districts</u>														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
<u>Crop District Specific Costs (B)</u>														
*Taxes	6.56	4.80	4.24	3.80	6.55	3.35	3.97	4.18	5.72	9.62	4.62	2.19	3.46	2.19
Transporting Culls (Cows)	3.66	2.67	1.88	1.56	1.59	2.12	3.39	2.57	2.78	3.49	4.14	2.53	5.34	4.35
Transporting Culls (Bulls)	.22	.16	.11	.09	.10	.13	.21	.16	.17	.21	.25	.15	.32	.26
Transporting Veal	2.93	2.13	1.50	1.25	1.28	1.70	2.72	2.06	2.22	2.79	3.32	2.03	4.28	3.48
*Pasture	43.58	32.60	24.55	37.92	28.98	25.18	18.39	32.44	40.34	58.55	38.12	28.43	27.67	38.80
Feed Supplements	8.61	8.61	8.61	8.61	8.61	8.61	8.61	8.61	8.61	8.61	8.61	8.61	8.61	8.61
SUBTOTAL (B)	52.63	50.97	40.89	53.23	47.11	41.09	37.29	50.02	59.84	83.27	59.06	43.94	49.68	57.69
Small Total (A + B)	182.30	170.64	160.56	172.90	166.78	160.76	156.96	169.69	179.51	202.94	178.73	163.61	169.35	177.36
Large Total (A + B)	160.53	148.87	138.79	151.13	145.01	138.99	135.19	147.92	157.74	181.17	156.96	141.84	147.58	155.59
<u>BEEF CALF BIRTH TO 500 LBS.</u>														
Same costs as for Veal less														
Transporting Veal														
Small Total	179.37	168.51	159.06	171.65	165.50	159.06	154.24	167.63	177.29	200.15	175.41	161.58	165.07	173.88
Large Total	157.60	146.74	137.29	149.88	143.73	137.29	132.47	145.86	155.52	178.38	153.64	139.81	143.30	152.11

* Components of Operating Capital.

^a Indexed up from 1971 by 230.48 percent which is increase in price of Barley.

^b Indexed up from 1971 by 42.32 percent which is increase in overhead charges.

^c Indexed up from 1971 by 48.12 percent which is increase in wage rate.

^d Indexed up from 1971 by 24.57 percent which is increase in price of culled cows.

NOTE: See section 6.1.3 Data Limitations.

Table 40

Beef Stocker Calf, Birth to 700 lbs.
Costs by Crop District and Farm Size
(1974)

	Small (\$)							Large (\$)						
<u>500 to 700 lbs. (A)</u>														
<u>Enterprise Size Specific Costs</u>														
*Vet. and Medicines ^a	1.14							1.14						
*Bedding ^b	10.41							10.41						
*Depreciation	3.83							3.83						
*Interest: Buildings and Equipment	1.68							1.68						
Livestock	5.70							5.70						
*Labor	10.29							4.09						
Death Loss ^c	4.97							4.97						
Feed Supplements	12.65							12.65						
SUBTOTAL (A)	50.67							44.47						
<u>Crop Districts</u>														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
<u>Crop District Specific Costs</u>														
<u>Birth to 500 lbs. (B)</u>														
Small	179.37	168.51	159.06	171.65	165.50	159.06	154.24	167.63	177.29	200.15	175.41	161.58	165.07	173.88
Large	157.60	146.74	137.29	149.88	143.73	137.29	132.47	145.86	155.52	178.38	153.64	139.81	143.30	152.11
<u>Birth to 700 lbs. (A+B)</u>														
Small	230.04	219.18	209.73	222.32	216.17	209.73	204.91	218.30	227.96	250.82	226.08	212.25	215.74	224.55
Large	202.07	191.21	181.76	194.35	188.20	181.76	176.94	190.33	199.99	222.85	198.11	184.28	187.77	196.58

*Components of Operating Capital.

^aIndexed up from 1971 by 42.32 percent which is increase in overhead charges.

^bIndexed up from 1971 by 230.48 percent which is increase in price of barley.

^cIndexed up from 1971 by 77.41 percent which is increase in variable costs.

NOTE: See section 6.1.3 Data Limitations.

Table 41

Beef Fed Beef, Birth to 1,050 lbs.
Costs by Crop District and
Farm Size (1974)

	Small (\$)						Large (\$)							
<u>700 to 1050 lbs. (A)</u>														
<u>Enterprise Size Specific Costs</u>														
Feed Supplements	18.76						18.76							
*Vet. and Medicines ^a	1.99						1.99							
*Bedding ^b	9.91						9.91							
*Depreciation: Buildings	1.31						1.31							
* Equipment	1.43						1.43							
*Interest: Buildings	.78						.78							
* Equipment	.42						.42							
Death Loss ^c	.11						.09							
Selling Commission and Yardage ^a	2.09						2.09							
*Labor	7.36						2.92							
SUBTOTAL (A)	44.16						39.70							
<u>Crop Districts</u>														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
<u>Crop District Specific Costs</u>														
Transporting Fed Beef (B)	10.24	7.46	5.25	4.36	4.46	5.93	9.50	7.19	7.77	9.77	11.60	7.09	14.96	12.18
<u>Total 700-1050 lbs. (A+B)</u>														
Small	54.40	51.62	49.41	48.52	48.62	50.09	53.66	51.35	51.93	53.93	55.76	51.25	59.12	56.34
Large	49.94	47.16	44.95	44.06	44.16	45.63	49.20	46.89	47.47	49.47	51.30	46.79	54.66	51.88
<u>Total Birth-700 lbs. (C)</u>														
Small	230.04	219.18	209.73	222.32	216.17	209.73	204.91	218.30	227.96	250.82	226.08	212.25	215.74	224.55
Large	202.07	191.21	181.76	194.35	188.20	181.76	176.94	190.33	199.99	222.85	198.11	184.28	187.77	196.58
<u>Total Birth-1050 lbs. (A+B+C)</u>														
Small	284.44	270.80	259.14	270.84	264.79	259.82	258.57	269.65	279.89	304.75	281.84	263.50	274.86	280.89
Large	252.01	238.37	226.71	238.41	232.36	227.39	226.14	237.22	247.46	272.32	249.41	231.07	242.43	248.46

* Components of Operating Capital.

^a Indexed up from 1971 by 42.32 percent which is increase in overhead charges.

^b Indexed up from 1971 by 230.48 percent which is increase in price of barley.

^c Indexed up from 1971 by 124.88 percent which is increase in variable costs.

NOTE: See section 6.1.3 Data Limitations.

Table 42

Beef and Dairy Fed Beef, 700 to 1,050 lbs.
Costs by Crop District and Farm Size
(1974)

	Small (\$)						Large (\$)							
Enterprise Size Specific Costs (A)														
Stocker Purchase (\$39.29 per 100 lbs.)	275.03						275.03							
Buying Commission ^a	2.49						2.49							
Transporting IN (33 miles)	3.08						3.08							
Interest: Livestock	6.79						6.79							
Feed Supplements	6.11						6.11							
*Vet and Medicines ^a	1.99						1.99							
*Bedding ^b	9.91						9.91							
*Depreciation: Buildings	1.31						1.31							
* Equipment	1.43						1.43							
*Interest: Buildings	.78						.78							
* Equipment	.42						.42							
Death Loss ^c	1.47						1.45							
Selling Commission and Yardage ^a	2.09						2.09							
*Labor	7.36						2.92							
SUBTOTAL (A)	320.26						315.80							
Crop District														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Crop District Specific Costs (B)														
Transporting Fed Beef	10.24	7.46	5.25	4.36	4.46	5.93	9.50	7.19	7.77	9.77	11.60	7.09	14.96	12.18
Total 700-1,050 lbs. (A + B)														
Small	330.50	327.72	325.51	324.62	324.72	326.19	329.76	327.45	328.03	330.03	331.86	327.35	335.22	332.44
Large	326.04	323.26	321.05	320.16	320.26	321.73	325.30	322.99	323.57	325.57	327.40	322.89	330.76	327.98

*Components of Operating Capital.

^aIndexed up from 1971 by 42.32 percent which is increase in overhead charges.

^bIndexed up from 1971 by 230.48 percent which is increase in price of barley.

^cIndexed up from 1971 by 33.30 percent which is increase in variable costs.

NOTE: See section 6.1.3 Data Limitations.

Table 43

Beef Fed Beef, Birth to 1,170 lbs.
Costs by Crop District and
Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
<u>Crop District Specific Costs</u>														
Birth to 1050 lbs. (A)														
Small	284.44	270.80	259.14	270.84	264.79	259.82	258.57	269.65	279.89	304.75	281.84	263.50	274.86	280.89
Large	252.01	238.37	226.71	238.41	232.36	227.39	226.14	237.22	247.46	272.32	249.41	231.07	242.43	248.46
1050-1170 lbs. on Pasture (B)														
*Taxes	10.02	7.33	6.47	5.80	10.00	5.12	6.06	6.39	8.74	14.70	7.06	3.34	5.28	3.35
Death Loss ^a	4.73	4.73	4.73	4.73	4.73	4.73	4.73	4.73	4.73	4.73	4.73	4.73	4.73	4.73
*Labor	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22
*Pasture	66.56	49.79	37.49	47.93	44.26	38.47	28.08	49.56	61.62	89.43	58.22	43.44	42.27	59.27
{ Transporting Fed Beef														
Extra 1.2 cwt over 1050 lbs.	1.17	.85	.60	.50	.51	.68	1.09	.82	.89	1.12	1.33	.81	1.71	1.39
SUBTOTAL (B)	84.70	64.92	51.51	71.18	61.72	51.22	42.18	63.72	78.20	112.20	73.56	54.54	56.21	70.96
Total Birth to 1170 lbs. (A+B)														
Small	369.14	335.72	310.65	342.02	326.51	311.04	300.75	333.37	358.09	416.95	355.40	318.04	331.07	351.85
Large	336.71	303.29	278.22	309.59	294.08	278.61	268.32	300.94	325.66	384.52	322.97	285.61	298.64	319.42

*Components of Operating Capital.

^aIndexed up from 1971 by 185.10 percent which is increase in variable costs.

NOTE: See section 6.1.3 Data Limitations.

Table 44

Beef and Dairy Fed Beef, 500 to 1,170 lbs.
Costs by Crop District and Farm Size
(1974)

	Small (\$)						Large (\$)							
500 TO 700 LBS. (A)														
Enterprise Size Specific Costs														
Calf Purchase (\$36.40 per 100 lbs.)	182.00						182.00							
Buying Commission ^a	1.78						1.78							
Transporting IN (33 miles)	2.20						2.20							
*Vet and Medicines ^a	1.14						1.14							
*Bedding ^b	10.41						10.41							
*Depreciation: Buildings & Equipment	3.83						3.83							
*Interest: Buildings & Equipment	1.68						1.68							
Livestock	6.28						6.28							
*Labor	10.29						4.09							
Death Loss ^c	3.15						3.15							
Feed Supplements	10.15						10.15							
SUBTOTAL (A)	232.91						226.71							
Crop Districts														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Crop District Specific Costs														
Total 700-1,050 lbs. (B)														
Small	54.40	51.62	49.41	48.52	48.62	50.09	53.66	51.35	51.93	53.93	55.76	51.25	59.12	56.34
Large	49.94	47.16	44.95	44.06	44.16	45.63	49.20	46.89	47.47	49.47	51.30	46.79	54.66	51.88
1,050-1,170 lbs. on pasture (C)														
Small	84.70	64.92	51.51	71.18	61.72	51.22	42.18	63.72	78.20	112.20	73.56	54.54	56.21	70.96
Large														
Total 500 to 1,170 lbs. (A+B+C)														
Small	372.01	349.45	333.83	352.61	343.25	334.22	328.75	347.98	363.04	399.04	362.23	338.70	348.24	360.21
Large	361.35	338.79	323.17	341.95	332.59	323.56	318.09	337.32	352.38	388.38	351.57	328.04	337.58	349.55

* Components of Operating Capital.

^a Indexed up from 1971 by 42.32 percent which is increase in overhead charges.

^b Indexed up from 1971 by 230.48 percent which is increase in price of barley.

^c Indexed up from 1971 by 12.43 percent which is increase in variable costs.

NOTE: See section 6.1.3 Data Limitations.

Table 45

Beef and Dairy Fed Beef, 500 to 1,000 lbs. (Calf Feeders)
Costs by Crop District and Farm Size (1974)

	Small (\$)		Large (\$)												
Enterprise Size Specific Costs (A)															
Calf Purchase (\$36.40, per 100 lbs.)		182.00		182.00											
Buying Commission ^a		1.78		1.78											
Transporting IN (33 miles)		2.20		2.20											
*Vet. and Medicines ^a		1.99		1.99											
*Bedding ^b		15.20		15.20											
Interest on Purchase		6.28		6.28											
*Depreciation: Buildings		2.08		2.08											
* Equipment		2.19		2.19											
*Interest: Buildings		1.19		1.19											
* Equipment		.65		.65											
Death Loss ^c		6.85		6.85											
Selling Commission ^a		2.63		2.63											
Yardage ^a		2.13		2.13											
Feed Supplements		14.44		14.44											
*Labor		11.29		4.46											
SUBTOTAL (A)		252.90		246.07											
	Crop Districts														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Crop District Specific Costs															
Transporting Fed Beef (B)	9.75	7.10	5.00	4.15	4.25	5.65	9.05	6.85	7.40	9.30	11.05	6.75	14.25	11.60	
Total 500 to 1,000 lbs. (A+B)															
Small	262.65	260.00	257.90	257.05	257.15	258.55	261.95	259.75	260.30	262.20	263.95	259.65	267.15	264.50	
Large	255.82	253.17	251.07	250.22	250.32	251.72	255.12	252.92	253.47	255.37	257.12	252.82	260.32	257.67	

* Components of Operating Capital.

^a Indexed up from 1971 by 42.32 percent which is increase in overhead charges

^b Indexed up from 1971 by 230.48 percent which is increase in price of barley.

^c Indexed up from 1971 by 12.93 percent which is increase in variable costs.

NOTE: See section 6.1.3 Data Limitations

Table 46

**Dairy Cows (Fluid Milk Production)
Costs by Crop District and
Farm Size (1974)**

	Small (\$)					Large (\$)								
Enterprise Size Specific Costs (A) per Cow														
*Bedding ^a	33.05					16.52								
*Vet and Medicines ^b	14.23					14.23								
*Herd Improvement Program ^b	4.98					4.98								
*Supplies and Miscellaneous ^b	5.69					5.69								
Transportation; Marketing Fees, etc. ^b	4.63					4.63								
*Utilities ^b	8.54					8.54								
*Building and Equipment Repair ^b	29.69					32.41								
*Insurance ^b	21.62					22.61								
Investment: Quota and Livestock	77.12					77.02								
Buildings and Equipment	31.94					34.70								
*Depreciation: Buildings and Equipment	77.13					80.13								
*Labor	222.18					133.31								
Feed Supplements	83.52					83.52								
SUBTOTAL (A)	614.32					518.29								
Crop Districts														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Crop District Specific Costs (B)														
Transporting Cullled Cows	2.93	2.13	1.50	1.25	1.28	1.70	2.72	2.06	2.22	2.79	3.32	2.03	4.28	3.48
Transporting Cullled Bulls	.18	.13	.09	.08	.08	.11	.17	.13	.14	.18	.21	.13	.27	.22
Bull Costs ^c	7.42	7.42	7.42	7.42	7.42	7.42	7.42	7.42	7.42	7.42	7.42	7.42	7.42	7.42
SUBTOTAL (B)	10.53	9.68	9.01	8.75	8.78	9.23	10.31	9.61	9.78	10.39	10.95	9.58	11.97	11.12
Replacement Costs (C)														
Small	37.97	37.97	37.97	37.97	37.97	37.97	37.97	37.97	37.97	37.97	37.97	37.97	37.97	37.97
Large	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57
Total per Cow (A+B+C)														
Small	662.82	661.97	661.30	661.04	661.07	661.52	662.60	661.90	662.07	662.68	663.24	661.87	664.26	663.41
Large	561.39	560.54	559.87	559.61	559.64	560.09	561.17	560.47	560.64	561.25	561.81	560.44	562.83	561.98

*Components of Operating Capital.

^aIndexed up from 1971 by 230.48 percent which is increase in price of barley.

^bIndexed up from 1971 by 42.32 percent which is increase in overhead charges.

^cIndexed up from 1971 by 24.57 percent which is increase in price of cullled cows.

NOTE: See section 6.1.3 Data Limitations.

Table 47

Dairy Cows (Manufactured Milk Production)
Costs by Crop District and Farm Size
(1974)

	Small (\$)		Large (\$)											
Enterprise Size Specific Costs (A) per Cow														
*Bedding ^a	33.05		16.52											
*Vet and Medicines ^b	14.23		14.23											
*Herd Improvement Program ^h	4.98		4.98											
*Supplies and Miscellaneous ^b	5.69		5.69											
Transportation; Marketing Fees, etc. ^b	4.63		4.63											
*Utilities ^b	8.54		8.54											
*Building and Equipment Repair ^b	29.69		32.41											
*Insurance ^b	21.62		22.61											
*Investment: Buildings and Equipment	31.94		34.70											
*Depreciation: Buildings and Equipment	77.13		60.13											
*Labor	222.18		133.31											
Feed Supplements	83.52		83.52											
SUBTOTAL (A)	537.20		441.27											
Crop Districts														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Crop District Specific Costs (B)														
Transporting Culled Cows	2.93	2.13	1.50	1.25	1.28	1.70	2.72	2.06	2.22	2.79	3.32	2.03	4.28	3.48
Transporting Culled Bulls	.18	.13	.09	.08	.08	.11	.17	.13	.14	.18	.21	.13	.27	.22
Bull Costs ^c	7.42	7.42	7.42	7.42	7.42	7.42	7.42	7.42	7.42	7.42	7.42	7.42	7.42	7.42
*Taxes	2.51	2.94	4.19	2.69	5.25	2.15	3.10	2.58	2.52	2.73	2.11	1.30	2.37	1.03
*Pasture	16.73	19.98	24.27	26.90	23.18	16.15	14.41	20.00	17.79	16.65	17.40	16.87	18.99	18.32
SUBTOTAL (B)	29.77	32.60	37.47	38.34	37.21	27.53	27.82	32.19	30.09	29.77	30.46	27.75	33.33	30.47
Replacement Costs (C)														
Small	37.97	37.97	37.97	37.97	37.97	37.97	37.97	37.97	37.97	37.97	37.97	37.97	37.97	37.97
Large	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57	32.57
Total per Cow (A+B+C)														
Small	604.94	607.77	612.64	613.51	612.38	602.70	602.99	607.36	605.26	604.94	605.63	602.92	608.50	605.64
Large	503.61	506.44	511.31	512.18	511.05	501.37	501.66	506.03	503.93	503.61	504.30	501.59	507.17	504.31

* Components of Operating Capital.

^a Indexed up from 1971 by 230.48 percent which is increase in price of barley.

^b Indexed up from 1971 by 42.32 percent which is increase in overhead charges.

^c Indexed up from 1971 by 24.57 percent which is increase in price of culled cows.

NOTE: See section 6.1.3 Data Limitations.

Table 48

Dairy Calf Costs^a (Birth to 500 lbs.)
Costs by Farm Size (1974)

	Small (\$)	Large (\$)
<u>Enterprise Size Specific Costs</u>		
*Vet. and Medicines ^b	.57	.57
*Bedding ^c	5.22	5.22
*Depreciation: Buildings	1.09	1.09
* Equipment	1.19	1.19
*Interest: Buildings	.65	.65
* Equipment	.35	.35
Death Loss (1½%)	.12	.12
*Labor	12.26	4.87
Feed Supplements	63.74	63.74
	85.19	77.80

* Components of Operating Capital.

^a These costs are included in the Costs of Dairy Replacements.

^b Indexed up from 1971 by 42.32 percent which is increase in overhead charges.

^c Indexed up from 1971 by 230.48 percent which is increase in price of barley.

NOTE: See section 6.1.3 Data Limitations.

Table 49

Dairy Replacements (500 lbs. to Breeding)
Costs by Farm Size (1974)

	Small (\$)	Large (\$)
<u>Enterprise Size Specific Costs (A)</u>		
*Vet. and Medicines ^a	3.13	3.13
*Bedding ^b	20.32	20.32
*Depreciation: Buildings	3.15	3.15
* Equipment	3.42	3.42
*Interest: Buildings	1.87	1.87
* Equipment	1.02	1.02
Death Loss (5½%)	.07	.07
* Labor	23.54	9.35
Dairy Calf Costs	85.19	77.80
Feed Supplements	10.15	10.15
TOTAL PER REPLACEMENT (A)	151.86	130.28
N.B. As the replacement rate is 25%, the costs per replacement must be divided by 4 to arrive at the cost which is added to the costs of each adult dairy cow.		
TOTAL (A) ÷ 4	37.97	32.57

*Components of Operating Capital.

^aIndexed up from 1971 by 42.32 percent which is increase in overhead charges

^bIndexed up from 1971 by 230.48 percent which is increase in price of barley.

NOTE: See section 6.1.3 Data Limitations.

Table 50

Dairy Veal Calf Birth to 300 lbs. and Dairy Calf, Birth to 500 lbs.
Costs by Crop District and Farm Size (1974)

	Small (\$)						Large (\$)							
DAIRY VEAL CALF, BIRTH TO 300 LBS.														
Enterprise Size Specific Costs (A)														
Calf Purchase and Commission and Yardage	15.00						15.00							
Interest on Livestock	.62						.62							
Transporting IN (33 miles)	.44						.44							
*Vet and Medicines ^a	.57						.57							
*Bedding ^b	5.22						5.22							
*Depreciation: Buildings	1.09						1.09							
* Equipment	1.19						1.19							
*Interest: Buildings	.65						.65							
* Equipment	.35						.35							
Death Loss	.88						.88							
Feed Supplements	63.74						63.74							
*Labor	12.26						4.87							
SUBTOTAL (A)	102.01						94.62							
Crop Districts														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Crop District Specific Costs (B)														
Transporting Veal	2.93	2.13	1.50	1.25	1.28	1.70	2.72	2.06	2.22	2.79	3.32	2.03	4.28	3.48
Small Total (A+B)	104.94	104.14	103.51	103.26	103.29	103.71	104.73	104.07	104.23	104.80	105.33	104.04	106.29	105.49
Large Total (A+B)	97.55	96.75	96.12	95.87	95.90	96.32	97.34	96.68	96.84	97.41	97.94	96.65	98.90	98.10
Dairy Calf Birth to 500 lbs.														
Same costs as for Veal less	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01
Transporting Veal	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62

*Components of Operating Capital.

^aIndexed up from 1971 by 42.32 percent which is increase in overhead charges.

^bIndexed up from 1971 by 230.48 percent which is increase in price of barley.

NOTE: See section 6.1.3 Data Limitations.

Table 51

Dairy Stocker Calf, Birth to 700 lbs.
Costs by Crop District and Farm Size
(1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
<u>Crop District Specific Costs</u>														
Birth-500 lbs. (A)														
Small	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01
Large	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62
500-700 lbs. (B)														
Small	50.67	50.67	50.67	50.67	50.67	50.67	50.67	50.67	50.67	50.67	50.67	50.67	50.67	50.67
Large	44.47	44.47	44.47	44.47	44.47	44.47	44.47	44.47	44.47	44.47	44.47	44.47	44.47	44.47
Total Birth to 700 lbs. (A+B)														
Small	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68
Large	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09

NOTE: See section 6.1.3 Data Limitations.

Table 52

Dairy Fed Beef, Birth to 1,050 lbs.
Costs by Crop District and
Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
<u>Crop District Specific Costs</u>														
Birth-700 lbs. (A)														
Small	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68
Large	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09
700-1,050 lbs. (B)														
Small	54.40	51.62	49.41	48.52	48.62	50.09	53.66	51.35	51.93	53.93	55.76	51.25	59.12	56.34
Large	49.94	47.16	44.95	44.06	44.16	45.63	49.20	46.89	47.47	49.47	51.30	46.79	54.66	51.68
Total Birth to 1,050 lbs. (A+B)														
Small	207.08	204.30	202.09	201.20	201.30	202.77	206.34	204.03	204.61	206.61	208.44	203.93	211.80	209.02
Large	189.03	186.25	184.04	183.15	183.25	184.72	188.29	185.98	186.56	188.56	190.39	184.88	193.75	190.97

NOTE: See section 6.1.3 Data Limitations.

Table 53

Dairy Fed Beef, Birth to 1,170 lbs.
Costs by Crop District and
Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Crop District Specific Costs														
Birth - 1,050 lbs. (A)														
Small	207.08	204.30	202.09	201.20	201.30	202.77	206.34	204.03	204.61	206.61	208.44	203.93	211.80	209.02
Large	189.03	186.25	184.04	183.15	183.25	184.72	188.29	185.98	186.56	188.56	190.39	185.88	193.75	190.97
1,050 - 1,170 lbs. on pasture (B)														
*Taxes	3.46	2.53	2.23	2.00	3.45	1.77	2.09	2.21	3.02	5.08	2.44	1.15	1.82	1.16
Death Loss	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69	1.69
*Labor	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22	2.22
*Pasture	22.98	17.20	12.94	20.01	15.28	13.29	9.69	17.12	21.28	30.89	20.10	15.01	14.60	20.47
{Transporting Fed Beef	1.17	.85	.60	.50	.51	.68	1.09	.82	.89	1.12	1.33	.81	1.71	1.39
{Extra 1.2 cwt. over 1,050 lbs.														
SUBTOTAL (B)	31.52	24.49	19.68	26.42	23.15	19.65	16.78	24.06	29.10	41.00	27.78	20.88	22.04	26.93
Total Birth to 1,170 lbs. (A+B)														
Small	238.60	228.79	221.77	227.62	224.45	222.42	223.12	228.09	233.71	247.61	236.22	224.81	233.84	235.95
Large	220.55	210.74	203.72	209.57	206.40	204.37	205.07	210.04	215.66	229.56	218.17	206.76	215.79	217.90

* Components of Operating Capital.

NOTE: See section 6.1.3 Data Limitations.

Table 54

Hogs, Farrow to Weaning
Costs by Crop District
and Farm Size (1974)

	Small (\$)						Large (\$)									
Enterprise Size Specific Costs (A)																
*Vet and Medicines ^a	1.31						1.31									
*Maintenance and Repairs ^a	.87						.87									
*Utilities ^a	1.31						1.31									
*Insurance ^a	.38						.54									
*Operating Expenses ^a	.36						.36									
Other (Death Loss, etc.) ^b	.40						.40									
*Depreciation	4.19						3.52									
*Investment Cost	1.63						1.42									
*Labor	5.47						5.47									
Feed Supplements	3.07						3.07									
SUBTOTAL (A)	18.99						18.27									
Crop District Specific Costs (B)																
	1	2	3	4	5	6	Crop Districts		7	8	9	10	11	12	13	14
Transporting Culled Hogs	.11	.08	.06	.05	.05	.06	.10	.08	.08	.10	.12	.07	.16	.13		
Total Farrow to Weaning (A+B)																
Small	19.10	19.07	19.05	19.04	19.04	19.05	19.09	19.07	19.07	19.09	19.11	19.06	19.15	19.12		
Large	18.38	18.35	18.33	18.32	18.32	18.33	18.37	18.35	18.35	18.37	18.39	18.34	18.43	18.40		

* Components of Operating Capital.

^a Indexed up from 1971 by 42.32 percent which is increase in overhead charges.

^b Indexed up from 1971 by 29.10 percent which is increase in variable costs.

NOTE: See section 6.1.3 Data Limitations.

Table 55

Hogs, Farrow to Finish
Costs by Crop District
and Farm Size (1974)

	Small (\$)							Large (\$)						
Enterprise Size Specific Costs (A)														
*Vet and Medicines ^a	1.75							1.75						
*Maintenance and Repairs of Buildings and Equipment ^a	1.31							1.31						
*Utilities ^a	1.75							1.75						
*Insurance ^a	.58							.84						
*Operating Expenses ^a	.87							.87						
Other (Death Loss, etc.) ^b	.59							.59						
*Depreciation	6.34							5.27						
*Investment Cost	2.27							1.94						
*Labor	6.67							6.67						
Marketing Commission ^a	2.28							2.28						
Feed Supplements	10.34							10.34						
SUBTOTAL (A)	34.75							33.61						
Crop Districts														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Crop District Specific Costs (B)														
Transporting Culled Sows (X)	.100	.073	.051	.043	.044	.058	.093	.070	.076	.095	.113	.069	.146	.119
Transporting Culled Boars (Y)	.007	.005	.003	.003	.003	.004	.006	.005	.005	.006	.008	.005	.010	.008
Transporting Culled (Total X+Y)	.11	.08	.06	.05	.05	.06	.10	.08	.08	.10	.12	.07	.16	.13
Transporting Finishers (Z)	1.95	1.42	1.00	.83	.85	1.13	1.81	1.37	1.48	1.86	2.21	1.35	2.85	2.32
SUBTOTAL (B = X+Y+Z)	2.06	1.50	1.06	.88	.90	1.19	1.91	1.45	1.56	1.96	2.33	1.42	3.01	2.45
Total Farrow to Finish (A+B)														
Small	36.81	36.25	35.81	35.63	35.65	35.94	36.66	36.20	36.31	36.71	37.08	36.17	37.76	37.20
Large	35.67	35.11	34.67	34.49	34.51	34.80	35.52	35.06	35.17	35.57	35.94	35.03	36.62	36.06

* Components of Operating Capital.

^a Indexed up from 1971 by 42.32 percent which is increase in overhead charges.

^b Indexed up from 1971 by 37.41 percent which is increase in variable costs.

NOTE: See section 6.1.3 Data Limitations.

Table 56

Hogs, Weaning to Finish
Costs by Crop District
and Farm Size (1974)

	Small (\$)		Large (\$)											
Enterprise Size Specific Costs (A)														
Weanling Price		30.68		30.68										
*Vet. and Medicines ^a		.36		.36										
*Maintenance and Repairs		.57		.57										
*Utilities ^a		.36		.36										
*Insurance ^a		.31		.46										
*Operating Expenses ^a		.50		.50										
Marketing Costs ^a		1.85		1.85										
Death Loss ^b		1.25		1.25										
*Other Miscellaneous Costs ^a		.36		.36										
*Depreciation		2.79		2.14										
*Investment Cost		1.11		.85										
*Labor		3.11		3.11										
Feed Supplements		7.28		7.28										
Transporting IN (33 miles)		.22		.22										
SUBTOTAL (A)		50.75		49.99										
Crop District Specific Costs (B)														
	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Transporting Finishers	1.95	1.42	1.00	.83	.85	1.13	1.81	1.37	1.48	1.86	2.21	1.35	2.85	2.32
Total Weaning to Finish (A+B)														
Small	52.70	52.17	51.75	51.58	51.60	51.88	52.56	52.12	52.23	52.61	52.96	52.10	53.60	53.07
Large	51.94	51.41	50.99	50.82	50.84	51.12	51.80	51.36	51.47	51.85	52.20	51.34	52.84	52.31

* Components of Operating Capital.

^a Indexed up from 1971 by 42.32 percent which is increase in overhead charges.

^b Indexed up from 1971 by 54.18 percent which is increase in variable costs.

NOTE: See section 6.1.3 Data Limitations.

Table 57

Poultry, Laying Hens
Costs by Farm Size
(1974)

	Small (¢)		Large (¢)
<u>Enterprise Size Specific Costs (per bird)</u>			
Chick Purchase ^a	42.00	Chick Purchase ^a	42.00
*Depreciation: Building	3.56	*Depreciation: Building	14.87
*Depreciation: Equipment	1.80	*Depreciation: Equipment	12.15
*Interest: Building	2.12	*Interest: Building and Equipment	14.19
*Interest: Equipment	.56	*Insurance ^b	5.02
*Litter, heat and light ^b	14.23	*Litter, Vaccinations, Electricity ^b	22.77
*Medicines and Sanitation ^b	4.27	*Labor	44.44
*Labor	32.73	Feed Supplements	244.50
Feed Supplements	31.86		399.94
	133.13		
<u>Enterprise Size Specific Costs (per dozen)</u>			
Pullet Cost (133.13 ÷ 17.75)	7.50	Total per bird ÷ 17.75	22.53
Interest on Pullets (87.89 × 0.06 ÷ 17.75)	.30		
*Depreciation: Building and Equipment	1.62		
*Utilities ^b	.28		
*Insurance ^b	.31		
*Medicines and Sanitation ^b	.36		
*Interest	.48		
*Miscellaneous ^b	1.42		
Feed Supplements	11.98		
*Labor	2.61		
	26.86		22.53

* Components of Operating Capital.

^aM.D.A. Economics Branch.

^bIndexed up from 1971 by 42.32 percent which is increase in overhead charges.

NOTE: See section 6.1.3 Data Limitations.

Table 58

Poultry, Broilers
Costs by Farm Size
(1974)

	Large (¢)	
<u>Enterprise Size Specific Costs (per bird)</u>		
Chick Purchase ^a		20.00
*Heat, Litter and Hydro ^b		2.85
*Insurance: Birds and Buildings ^b		3.13
*Depreciation: Buildings		2.38
*Depreciation: Equipment		.90
*Interest: Buildings, Equipment and Chicks		1.60
Feed Supplements		33.00
SUBTOTAL		63.86
*Labor		.04
TOTAL		63.90
<p>N.B. To calculate the total cost for a small sized operation use the following Calculation: $63.86 \times 1.15 = 73.44¢$ per bird. This is taken to be the ratio of labor costs for large (> 3,000 birds) versus small (< 3,000 birds) flocks. Ratio is 1.15:1</p>		
	Small	Large
Total Costs	73.44	63.90

* Components of Operating Capital.

^a M.D.A. Economics Branch.

^b Indexed up from 1971 by 42.32 percent which is increase in overhead charges.

NOTE: See section 6.1.3 Data Limitations.

Table 59

Turkeys
Costs by Crop District and Farm Size
(1974)

Large (£)

Enterprise Size Specific Costs (per bird)

Poult Purchase ^a	65.00
*Medicines and Vaccinations ^b	7.12
*Insurance ^b	10.82
*Heat and Light ^b	7.12
*Litter ^b	1.42
Death Loss	10.80
*Depreciation: Buildings	2.14
*Depreciation: Equipment	14.04
*Interest: Buildings and Equipment	16.26
*Tractor Use and Transportation ^c	3.55
Feed Supplements	172.00
SUBTOTAL	310.27
*Labor	11.11
TOTAL (A)	321.38

N.B. To calculate the total cost for a small sized operation use the following
Calculation: $310.27 \times 1.15 = 356.81$ per bird. This is taken to be the
ratio of labor costs for large (> 3,000 birds) versus small (< 3,000 birds)
flocks. Ratio is 1.15:1.

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
<u>Crop District Specific Costs (B)</u>														
Transporting Finished Turkeys (£)	20.55	14.55	12.10	9.64	9.64	14.55	14.55	9.64	9.64	14.55	20.55	20.55	28.36	28.36
Small Total (A+B)	377.36	371.36	368.91	366.45	366.45	371.36	371.36	366.45	366.45	371.36	377.36	377.36	385.17	385.17
Large Total (A+B)	341.93	335.93	333.48	331.02	331.02	335.93	335.93	331.02	331.02	335.93	341.93	341.93	349.74	349.74

* Components of Operating Capital.

^a M.D.A. Economics Branch.

^b Indexed up from 1971 by 42.32 percent which is increase in overhead charges.

^c Indexed up from 1971 by 18.29 percent which is increase in machinery costs.

NOTE: See section 6.1.3 Data Limitations.

Table 60

Beef Veal Calf, Birth to 300 lbs.
 Net Income by Crop District and
 Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)	123.66	123.66	123.66	123.66	123.66	123.66	123.66	123.66	123.66	123.66	123.66	123.66	123.66	123.66
Value of Culls	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31
Total Selling Price	230.97	230.97	230.97	230.97	230.97	230.97	230.97	230.97	230.97	230.97	230.97	230.97	230.97	230.97
Less Total Costs: Small	182.30	170.64	160.56	172.90	166.78	160.76	156.96	169.69	179.51	202.94	178.73	163.61	169.35	177.36
Large	160.53	148.87	138.79	151.13	145.01	138.99	135.19	147.92	157.74	181.17	156.96	141.84	147.58	155.59
Equals C.J. Values: Small	48.67	60.33	70.41	58.07	64.19	70.21	74.01	61.28	51.46	28.03	52.24	67.36	61.62	53.61
Large	70.44	82.10	92.18	79.84	85.96	91.98	95.78	83.05	73.23	49.80	74.01	89.13	83.39	75.38
Plus Total Labor: Small	18.51	18.51	18.51	18.51	18.51	18.51	18.51	18.51	18.51	18.51	18.51	18.51	18.51	18.51
Large	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79
Equals Income: Small	67.18	78.84	88.92	76.58	82.70	88.72	92.52	79.79	69.97	46.54	70.75	85.87	80.13	72.12
Large	82.23	93.89	103.97	91.63	97.75	103.77	107.57	94.84	85.02	61.59	85.80	100.92	95.18	87.17
Less Megacalories from Grain	71.75	71.75	71.75	71.75	71.75	71.75	71.75	71.75	71.75	71.75	71.75	71.75	71.75	71.75
Equals Adjusted Income: Small	-4.57	7.09	17.17	4.83	10.95	16.97	20.77	8.04	-1.78	-25.21	-1.00	14.12	8.38	.37
Large	10.48	22.14	32.22	19.88	26.00	32.02	35.82	23.09	13.27	-10.16	14.05	29.17	23.43	15.42

Table 61

Beef Calf, Birth to 500 lbs.
Net Income by Crop District
and Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)	182.00	182.00	182.00	182.00	182.00	182.00	182.00	182.00	182.00	182.00	182.00	182.00	182.00	182.00
Value of Culls	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31
Total Selling Price	289.31	289.31	289.31	289.31	289.31	289.31	289.31	289.31	289.31	289.31	289.31	289.31	289.31	289.31
Less Total Costs: Small	179.37	168.51	159.06	171.65	165.50	159.06	154.24	167.63	177.29	200.15	175.41	161.48	165.07	173.88
Large	157.60	146.74	137.29	149.88	143.73	137.29	132.47	145.86	155.52	178.38	153.64	139.81	143.30	152.11
Equals G.J. Values: Small	109.94	120.80	130.25	117.66	123.81	130.25	135.07	121.68	112.02	89.16	113.90	127.73	124.24	115.43
Large	131.71	142.57	152.02	139.43	145.58	152.02	156.84	143.45	133.79	110.93	135.67	149.50	146.01	137.20
Plus Total Labor: Small	18.51	18.51	18.51	18.51	18.51	18.51	18.51	18.51	18.51	18.51	18.51	18.51	18.51	18.51
Large	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79	11.79
Equals Income: Small	128.45	139.31	148.76	136.17	142.32	148.76	153.58	140.19	130.53	107.67	132.41	146.24	142.75	133.94
Large	143.50	154.36	163.81	151.22	157.37	163.81	168.63	155.24	145.58	122.72	147.46	161.29	157.80	148.99
Less Megacalories from Grain	71.75	71.75	71.75	71.75	71.75	71.75	71.75	71.75	71.75	71.75	71.75	71.75	71.75	71.75
Equals Adjusted Income: Small	56.70	67.56	77.01	64.42	70.57	77.01	81.83	68.44	58.78	35.92	60.66	74.49	71.00	62.19
Large	71.75	82.61	92.06	79.47	85.62	92.06	96.88	83.49	73.83	50.97	75.71	89.54	86.05	77.24

Table 62

Beef Stocker Calf, Birth to 700 lbs.
Net Income by Crop District and
Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)	275.03	275.03	275.03	275.03	275.03	275.03	275.03	275.03	275.03	275.03	275.03	275.03	275.03	275.03
Value of Culls	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31
Total Selling Price	382.34	382.34	382.34	382.34	382.34	382.34	382.34	382.34	382.34	382.34	382.34	382.34	382.34	382.34
Less Total Costs: Small	230.04	219.18	209.73	222.32	216.17	209.73	204.91	218.30	227.96	250.82	226.08	212.25	215.74	224.55
Large	202.07	191.21	181.76	194.35	188.20	181.76	176.94	190.33	199.99	222.85	198.11	184.28	187.77	196.58
Equals C.J. Values: Small	152.30	163.16	172.61	160.02	166.17	172.61	177.43	164.04	154.38	131.52	156.26	170.09	166.60	157.79
Large	180.27	191.13	200.58	187.99	194.14	200.58	205.40	192.01	182.35	159.49	184.23	198.06	194.57	185.76
Plus Total Labor: Small	28.80	28.80	28.80	28.80	28.80	28.80	28.80	28.80	28.80	28.80	28.80	28.80	28.80	28.80
Large	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88	15.88
Equals Income: Small	181.10	191.96	201.41	188.82	194.97	201.41	206.23	192.84	183.18	160.32	185.06	198.89	195.40	186.59
Large	196.15	207.01	216.46	203.87	210.02	216.46	221.28	207.89	198.23	175.37	200.11	213.94	210.45	201.64
Less Megacalories from Grain	109.37	109.37	109.37	109.37	109.37	109.37	109.37	109.37	109.37	109.37	109.37	109.37	109.37	109.37
Equals Adjusted Income: Small	71.73	82.59	92.04	79.45	85.60	92.04	96.86	83.47	73.81	50.95	75.69	89.52	86.03	77.22
Large	86.78	97.64	107.09	94.50	100.65	107.09	111.91	98.52	88.86	66.00	90.74	104.57	101.08	92.27

Table 63

Beef Fed Beef, Birth to 1,050 lbs.
Net Income by Crop District and
Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86
Value of Culls	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31
Total Selling Price	583.17	583.17	583.17	583.17	583.17	583.17	583.17	583.17	583.17	583.17	583.17	583.17	583.17	583.17
Less Total Costs: Small	284.44	270.80	259.14	270.84	264.79	259.82	258.57	269.65	279.89	304.75	281.84	263.50	274.86	280.89
Large	252.01	238.37	226.71	238.41	232.36	227.39	226.14	237.22	247.46	272.32	249.41	231.07	242.43	248.46
Equals C.J. Value: Small	298.73	312.37	324.03	312.33	318.38	323.35	324.60	313.52	303.28	278.42	301.33	319.67	308.31	302.28
Large	331.16	344.80	356.46	344.76	350.81	355.78	357.03	345.95	335.71	310.85	333.76	352.10	340.74	334.71
Plus Total Labor: Small	36.16	36.16	36.16	36.16	36.16	36.16	36.16	36.16	36.16	36.16	36.16	36.16	36.16	36.16
Large	18.80	18.80	18.80	18.80	18.80	18.80	18.80	18.80	18.80	18.80	18.80	18.80	18.80	18.80
Equals Income: Small	334.89	348.53	360.19	348.49	354.54	359.51	360.76	349.68	339.44	314.58	337.49	355.83	344.47	338.44
Large	349.96	363.60	375.26	363.56	369.61	374.58	375.83	364.75	354.51	329.65	352.56	370.90	359.54	353.51
Less Megacalories from Grain	425.17	425.17	425.17	425.17	425.17	425.17	425.17	425.17	425.17	425.17	425.17	425.17	425.17	425.17
Equals Adjusted Income: Small	-90.28	-76.64	-64.98	-76.68	-70.63	-65.66	-64.41	-75.49	-85.73	-110.59	-87.68	-69.34	-80.70	-86.73
Large	-75.21	-61.57	-49.91	-61.61	-55.56	-50.59	-49.34	-60.42	-70.66	-95.52	-72.61	-54.27	-65.63	-71.66

Table 64

Beef and Dairy Fed Beef, 700 to 1,050 lbs.
Net Income by Crop District and
Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86
Less Total Costs: Small	330.50	327.72	325.51	324.62	324.72	326.19	329.76	327.45	328.03	330.03	331.86	327.35	335.22	332.44
Large	326.04	323.26	321.05	320.16	320.26	321.73	325.30	322.99	323.57	325.57	327.40	322.89	330.76	327.98
Equals C.J. Value: Small	145.36	148.14	150.35	151.24	151.14	149.67	146.10	148.41	147.83	145.83	144.00	148.51	140.64	143.42
Large	149.82	152.60	154.81	155.70	155.60	154.13	150.56	152.87	152.29	150.29	148.46	152.97	145.10	147.88
Plus Total Labor: Small	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36	7.36
Large	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92	2.92
Equals Income: Small	152.72	155.50	157.71	158.60	158.50	157.03	153.46	155.77	155.19	153.19	151.36	155.87	148.00	150.78
Large	152.74	155.52	157.73	158.62	158.52	157.05	153.48	155.79	155.21	153.21	151.38	155.89	148.02	150.80
Less Megacalories from Grain	315.81	315.81	315.81	315.81	315.81	315.81	315.81	315.81	315.81	315.81	315.81	315.81	315.81	315.81
Equals Adjusted Income: Small	-163.09	-160.31	-158.10	-157.21	-157.31	-158.78	-162.35	-160.04	-160.62	-162.62	-164.45	-159.94	-167.81	-165.03
Large	-163.07	-160.29	-158.08	-157.19	-157.29	-158.76	-162.33	-160.02	-160.60	-162.60	-164.43	-159.92	-167.79	-165.01

Table 65

Beef Fed Beef, Birth to 1,170 lbs.
Net Income by Crop District and
Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24
Value of Culls	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31	107.31
Total Selling Price	637.55	637.55	637.55	637.55	637.55	637.55	637.55	637.55	637.55	637.55	637.55	637.55	637.55	637.55
Less Total Costs: Small	369.14	335.72	310.65	342.02	326.51	311.04	300.75	333.37	358.09	416.95	355.40	318.04	331.07	351.85
Large	336.71	303.29	278.22	309.59	294.08	278.61	268.32	300.94	325.66	384.52	322.97	285.61	298.64	319.42
Equals C.J. Value: Small	268.41	301.83	326.90	295.53	311.04	326.51	336.80	304.18	279.46	220.60	282.15	319.51	306.48	285.70
Large	300.84	334.26	359.33	327.96	343.47	358.94	369.23	336.61	311.89	253.03	314.58	351.94	338.91	318.13
Plus Total Labor: Small	38.38	38.38	38.38	38.38	38.38	38.38	38.38	38.38	38.38	38.38	38.38	38.38	38.38	38.38
Large	21.02	21.02	21.02	21.02	21.02	21.02	21.02	21.02	21.02	21.02	21.02	21.02	21.02	21.02
Equals Income: Small	306.79	340.21	365.28	333.91	349.42	364.89	375.18	342.56	317.84	258.98	320.53	357.89	344.86	324.08
Large	321.86	355.28	380.35	348.98	364.49	379.96	390.25	357.63	332.91	274.05	335.60	372.96	359.93	339.15
Less Megacalories from Grain	425.17	425.17	425.17	425.17	425.17	425.17	425.17	425.17	425.17	425.17	425.17	425.17	425.17	425.17
Equals Adjusted Income: Small	-118.38	-84.96	-59.89	-91.26	-75.75	-60.28	-49.99	-82.61	-107.33	-166.19	-104.64	-67.28	-80.31	-101.09
Large	-103.31	-69.89	-44.82	-76.19	-60.68	-45.21	-34.92	-67.54	-92.26	-151.12	-89.57	-52.21	-65.24	-86.02

Table 66

Beef and Dairy Fed Beef, 500 to 1,170 lbs.
Net Income by Crop District and
Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24
Less Total Costs: Small	372.01	349.45	333.83	352.61	343.25	334.22	328.75	347.98	363.04	399.04	362.23	338.70	348.24	360.21
Large	361.35	338.79	323.17	341.95	332.59	323.56	318.09	337.32	352.38	388.38	351.57	328.04	337.58	349.55
Equals C.J. Value: Small	158.23	180.79	196.41	177.63	186.99	196.02	201.49	182.26	167.20	131.20	168.01	191.54	182.00	170.03
Large	168.89	191.45	207.07	188.29	197.65	206.68	212.15	192.92	177.86	141.86	178.67	202.20	192.66	180.69
Plus Total Labor: Small	19.87	19.87	19.87	19.87	19.87	19.87	19.87	19.87	19.87	19.87	19.87	19.87	19.87	19.87
Large	9.23	9.23	9.23	9.23	9.23	9.23	9.23	9.23	9.23	9.23	9.23	9.23	9.23	9.23
Equals Income: Small	178.10	200.66	216.28	197.50	206.86	215.89	221.36	202.13	187.07	151.07	187.88	211.41	201.87	189.90
Large	178.12	200.68	216.30	197.52	206.88	215.91	221.38	202.15	187.09	151.09	187.90	211.43	201.89	189.92
Less Megacalories from Grain	353.43	353.43	353.43	353.43	353.43	353.43	353.43	353.43	353.43	353.43	353.43	353.43	353.43	353.43
Equals Adjusted Income: Small	-175.33	-152.77	-137.15	-155.93	-146.57	-137.54	-132.07	-151.30	-166.36	-202.36	-165.55	-142.02	-151.56	-163.53
Large	-175.31	-152.75	-137.13	-155.91	-146.55	-137.52	-132.05	-151.28	-166.34	-202.34	-165.53	-142.00	-151.54	-163.51

Table 67

Beef and Dairy Fed Beef, 500 to 1,000 lbs. (Calf Feeders)
 Net Income by Crop District and
 Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)	453.20	453.20	453.20	453.20	453.20	453.20	453.20	453.20	453.20	453.20	453.20	453.20	453.20	453.20
Less Total Costs: Small	262.65	260.00	257.90	257.05	257.15	258.55	261.95	259.75	260.30	262.20	263.95	259.65	267.15	264.50
Large	255.82	253.17	251.07	250.22	250.32	251.72	255.12	252.92	253.47	255.37	257.12	252.82	260.32	257.67
Equals G.J. Value: Small	190.55	193.20	195.30	196.15	196.05	194.65	191.25	193.45	192.90	191.00	189.25	193.55	186.05	188.70
Large	197.38	200.03	202.13	202.98	202.88	201.48	198.08	200.28	199.73	197.83	196.08	200.38	192.88	195.53
Plus Total Labor: Small	11.29	11.29	11.29	11.29	11.29	11.29	11.29	11.29	11.29	11.29	11.29	11.29	11.29	11.29
Large	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46
Equals Income: Small	201.84	204.49	206.59	207.44	207.34	205.94	202.54	204.74	204.19	202.29	200.54	204.84	197.34	199.99
Large	201.84	204.49	206.59	207.44	207.34	205.94	202.54	204.74	204.19	202.29	200.54	204.84	197.34	199.99
Less Megacalories from Grain	304.34	304.34	304.34	304.34	304.34	304.34	304.34	304.34	304.34	304.34	304.34	304.34	304.34	304.34
Equals Adjusted Income: Small	-102.50	-99.85	-97.75	-96.90	-97.00	-98.40	-101.80	-99.60	-100.15	-102.05	-103.80	-99.50	-107.00	-104.35
Large	-102.50	-99.85	-97.75	-96.90	-97.00	-98.40	-101.80	-99.60	-100.15	-102.05	-103.80	-99.50	-107.00	-104.35

Table 68

**Dairy Cows (Fluid Milk Production)
Net Income by Crop District and
Farm Size (1974)**

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Milk Production (x 100 lb.)	60.04	74.96	85.00	85.00	85.00	59.21	57.78	74.79	61.32	51.08	53.02	68.88	58.90	62.06
x \$11.24 per 100 lb. (A)	674.85	842.55	955.40	955.40	955.40	665.52	649.45	840.64	689.24	574.14	595.95	774.22	662.04	697.56
Value of Culls (B)	86.09	86.09	86.09	86.09	86.09	86.09	86.09	86.09	86.09	86.09	86.09	86.09	86.09	86.09
Value of Calf Sold (C)	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88
Total Receipts (A + B + C)	768.82	936.52	1,049.37	1,049.37	1,049.37	759.49	743.42	934.61	783.21	668.11	689.92	868.19	756.01	791.53
Less Total Costs: Small	662.82	661.97	661.30	661.04	661.07	661.52	662.60	661.90	662.07	662.68	663.24	661.87	664.26	663.41
Large	561.39	560.54	559.87	559.61	559.64	560.09	561.17	560.47	560.64	561.25	561.81	560.44	562.83	561.98
Equals C.J. Value: Small	106.00	274.55	388.07	388.33	388.30	97.97	80.82	272.71	121.14	5.43	26.68	206.32	91.75	128.12
Large	207.43	375.98	489.50	489.76	489.73	199.40	182.25	374.14	222.57	106.86	128.11	307.75	193.18	229.55
Plus Total Labor: Small	222.18	222.18	222.18	222.18	222.18	222.18	222.18	222.18	222.18	222.18	222.18	222.18	222.18	222.18
Large	133.31	133.31	133.31	133.31	133.31	133.31	133.31	133.31	133.31	133.31	133.31	133.31	133.31	133.31
Equals Income: Small	328.18	496.73	610.25	610.51	610.48	320.15	303.00	494.89	343.32	227.61	248.86	428.50	313.93	350.30
Large	340.74	509.29	622.81	623.07	623.04	332.71	315.56	507.45	444.75	240.17	261.42	441.06	326.49	362.86
Less Megacalories from Grain	271.39	271.39	271.39	271.39	271.39	271.39	271.39	271.39	271.39	271.39	271.39	271.39	271.39	271.39
Equals Adjusted Income: Small	56.79	225.34	338.86	339.12	339.09	48.76	31.61	223.50	71.93	-43.78	-22.53	157.11	42.54	78.91
Large	69.35	237.90	351.42	351.68	351.65	61.32	44.17	236.06	173.36	-31.22	-9.97	169.67	55.10	91.47

Table 69

Dairy Cows (Manufactured Milk Production)
Net Income by Crop District and
Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Milk Production (x 100 lb.)	60.04	74.96	85.00	85.00	85.00	59.21	57.78	74.79	61.32	51.08	53.02	68.88	58.90	62.06
x \$6.28 per 100 lb. (A)	377.06	470.75	533.80	533.80	533.80	371.84	362.86	469.69	385.09	320.79	332.97	432.57	369.90	389.74
Value of Culls (B)	86.09	86.09	86.09	86.09	86.09	86.09	86.09	86.09	86.09	86.09	86.09	86.09	86.09	86.09
Value of Calf Sold (C)	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88	7.88
Total Receipts (A + B + C)	471.03	564.72	627.77	627.77	627.77	465.81	456.83	563.66	479.06	414.76	426.94	526.54	463.87	483.71
Less Total Costs: Small	604.94	607.77	612.64	613.51	612.38	602.70	620.99	607.36	605.26	604.94	605.63	602.92	608.50	605.64
Large	503.61	506.44	511.31	512.18	511.05	501.37	501.66	506.03	503.93	503.61	504.30	501.59	507.17	504.31
Equals C.J. Value: Small	-133.91	-43.05	15.13	14.26	15.39	-136.89	-164.16	-43.70	-126.20	-190.18	-178.69	-76.38	-144.63	-121.93
Large	-32.58	58.28	116.46	115.59	116.72	-35.56	-44.83	57.63	-24.87	-88.85	-77.36	24.95	-43.30	-20.60
Plus Total Labor: Small	222.18	222.18	222.18	222.18	222.18	222.18	222.18	222.18	222.18	222.18	222.18	222.18	222.18	222.18
Large	133.31	133.31	133.31	133.31	133.31	133.31	133.31	133.31	133.31	133.31	133.31	133.31	133.31	133.31
Equals Income: Small	88.27	179.13	237.31	236.44	237.57	85.29	58.02	178.48	95.98	32.00	43.49	145.80	77.55	100.25
Large	100.73	191.59	249.77	248.90	250.03	97.75	88.48	190.94	108.44	44.46	55.95	158.26	90.01	112.71
Less Megacalories from Grain	271.39	271.39	271.39	271.39	271.39	271.39	271.39	271.39	271.39	271.39	271.39	271.39	271.39	271.39
Equals Adjusted Income: Small	-183.12	-92.26	-34.08	-34.95	-33.82	-186.10	-213.37	-92.91	-175.41	-239.39	-227.90	-125.59	-193.84	-171.14
Large	-170.66	-79.80	-21.62	-22.49	-21.36	-173.64	-182.91	-80.45	-162.95	-226.93	-215.44	-113.13	-181.38	-158.68

Table 70

Dairy Veal Calf, Birth to 300 lbs.
Net Income by Crop District and
Farm Size (1974)

		Crop Districts													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)		123.66	123.66	123.66	123.66	123.66	123.66	123.66	123.66	123.66	123.66	123.66	123.66	123.66	123.66
Less Total Costs:	Small	104.94	104.14	103.51	103.26	103.29	103.71	104.73	104.07	104.23	104.80	105.33	104.04	106.29	105.49
	Large	97.55	96.75	96.12	95.87	95.90	96.32	97.34	96.68	96.84	97.41	97.94	96.65	98.90	98.10
Equals C.J. Value:	Small	18.72	19.52	20.15	20.41	20.37	19.95	18.93	19.59	19.43	18.86	18.33	19.62	17.37	18.17
	Large	26.11	26.91	27.54	27.79	27.76	27.34	26.32	26.98	26.82	26.25	25.72	27.01	24.76	25.56
Plus Total Labor:	Small	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26
	Large	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87
Equals Income:	Small	30.98	31.78	32.41	32.66	32.63	32.21	31.19	31.85	31.69	31.12	30.59	31.88	29.63	30.43
	Large	30.98	31.78	32.41	32.66	32.63	32.21	31.19	31.85	31.69	31.12	30.59	31.88	29.63	30.43
Less Megacalories from Grain		26.19	26.19	26.19	26.19	26.19	26.19	26.19	26.19	26.19	26.19	26.19	26.19	26.19	26.19
Equals Adjusted Income:	Small	4.79	5.59	6.22	6.47	6.44	6.02	5.00	5.66	5.50	4.93	4.40	5.69	3.44	4.24
	Large	4.79	5.59	6.22	6.47	6.44	6.02	5.00	5.66	5.50	4.93	4.40	5.69	3.44	4.24

Table 71

Dairy Calf, Birth to 500 lbs.
Net Income by Crop District
and Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)	182.00	182.00	182.00	182.00	182.00	182.00	182.00	182.00	182.00	182.00	182.00	182.00	182.00	182.00
Less Total Costs: Small	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01	102.01
Large	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62	94.62
Equals C.J. Value: Small	79.99	79.99	79.99	79.99	79.99	79.99	79.99	79.99	79.99	79.99	79.99	79.99	79.99	79.99
Large	87.38	87.38	87.38	87.38	87.38	87.38	87.38	87.38	87.38	87.38	87.38	87.38	87.38	87.38
Plus Total Labor: Small	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26
Large	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87
Equals Income: Small	92.25	92.25	92.25	92.25	92.25	92.25	92.25	92.25	92.25	92.25	92.25	92.25	92.25	92.25
Large	92.25	92.25	92.25	92.25	92.25	92.25	92.25	92.25	92.25	92.25	92.25	92.25	92.25	92.25
Less Megacalories from Grain	51.60	51.60	51.60	51.60	51.60	51.60	51.60	51.60	51.60	51.60	51.60	51.60	51.60	51.60
Equals Adjusted Income: Small	40.65	40.65	40.65	40.65	40.65	40.65	40.65	40.65	40.65	40.65	40.65	40.65	40.65	40.65
Large	40.65	40.65	40.65	40.65	40.65	40.65	40.65	40.65	40.65	40.65	40.65	40.65	40.65	40.65

Table 72

Dairy Stocker Calf, Birth to 700 lbs.
Net Income by Crop District and
Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)	275.03	275.03	275.03	275.03	275.03	275.03	275.03	275.03	275.03	275.03	275.03	275.03	275.03	275.03
Less Total Costs: Small	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68	152.68
Large	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09	139.09
Equals C.J. Value: Small	122.35	122.35	122.35	122.35	122.35	122.35	122.35	122.35	122.35	122.35	122.35	122.35	122.35	122.35
Large	135.94	135.94	135.94	135.94	135.94	135.94	135.94	135.94	135.94	135.94	135.94	135.94	135.94	135.94
Plus Total Labor: Small	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26	12.26
Large	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87	4.87
Equals Income: Small	134.61	134.61	134.61	134.61	134.61	134.61	134.61	134.61	134.61	134.61	134.61	134.61	134.61	134.61
Large	140.81	140.81	140.81	140.81	140.81	140.81	140.81	140.81	140.81	140.81	140.81	140.81	140.81	140.81
Less Megacalories from Grain	89.22	89.22	89.22	89.22	89.22	89.22	89.22	89.22	89.22	89.22	89.22	89.22	89.22	89.22
Equals Adjusted Income: Small	45.39	45.39	45.39	45.39	45.39	45.39	45.39	45.39	45.39	45.39	45.39	45.39	45.39	45.39
Large	51.59	51.59	51.59	51.59	51.59	51.59	51.59	51.59	51.59	51.59	51.59	51.59	51.59	51.59

Table 73

Dairy Fed Beef, Birth to 1,050 lbs.
Net Income by Crop District and
Farm Size (1974)

		Crop Districts													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)		475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86	475.86
Less	Total Costs: Small	207.08	204.30	202.09	201.20	201.30	202.77	206.34	204.03	204.61	206.61	208.44	203.93	211.80	209.02
	Large	189.03	186.25	184.04	183.15	183.25	184.72	188.29	185.98	186.56	188.56	190.39	185.88	193.75	190.97
Equals	C.J. Value: Small	268.78	271.56	273.77	274.66	274.56	273.09	269.52	271.83	271.25	269.25	267.42	271.93	264.06	266.84
	Large	286.83	289.61	291.82	292.71	292.61	291.14	287.57	289.88	289.30	287.30	285.47	289.98	282.11	284.89
Plus	Total Labor: Small	19.62	19.62	19.62	19.62	19.62	19.62	19.62	19.62	19.62	19.62	19.62	19.62	19.62	19.62
	Large	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79	7.79
Equals	Income: Small	288.40	291.18	293.39	294.28	294.18	292.71	289.14	291.45	290.87	288.87	287.04	291.55	283.68	286.46
	Large	294.62	297.40	299.61	300.50	300.40	298.93	295.36	297.67	297.09	295.09	293.26	297.77	289.90	292.68
Less	Megacalories from Grain	405.02	405.02	405.02	405.02	405.02	405.02	405.02	405.02	405.02	405.02	405.02	405.02	405.02	405.02
Equals	Adjusted Income: Small	-116.62	-113.84	-111.63	-110.74	-110.84	-112.31	-115.88	-113.57	-114.15	-116.15	-117.98	-113.47	-121.34	-118.56
	Large	-110.40	-107.62	-105.41	-104.52	-104.62	-106.09	-109.66	-107.35	-107.93	-109.93	-111.76	-107.25	-115.12	-112.34

Table 74

Dairy Fed Beef, Birth to 1,170 lbs.
Net Income by Crop District and
Farm Size (1974)

		Crop Districts													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)		530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24	530.24
Less Total Costs:	Small	238.60	228.79	221.77	227.62	224.45	222.42	223.12	228.09	233.71	247.61	236.22	224.81	233.84	235.95
	Large	220.55	210.74	203.72	209.57	206.40	204.37	205.07	210.04	215.66	229.56	218.17	206.76	215.79	217.90
Equals C.J. Value:	Small	291.64	301.45	308.47	302.62	305.79	307.82	307.12	302.15	296.53	282.63	294.02	305.43	296.40	294.29
	Large	309.69	319.50	326.52	320.67	323.84	325.87	325.17	320.20	314.58	300.68	312.07	223.48	314.45	312.34
Plus Total Labor:	Small	21.84	21.84	21.84	21.84	21.84	21.84	21.84	21.84	21.84	21.84	21.84	21.84	21.84	21.84
	Large	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01	10.01
Equals Income:	Small	313.48	323.29	330.31	324.46	327.63	329.66	328.96	323.99	318.37	304.47	315.86	327.27	318.24	316.13
	Large	319.70	329.51	336.53	330.68	333.85	335.88	335.18	330.21	324.59	310.69	322.08	333.49	324.46	322.35
Less Megacalories from Grain		405.02	405.02	405.02	405.02	405.02	405.02	405.02	405.02	405.02	405.02	405.02	405.02	405.02	405.02
Equals Adjusted Income:	Small	-91.54	-81.73	-74.71	-80.56	-77.39	-75.36	-76.06	-81.03	-86.65	-100.55	-89.16	-77.75	-86.78	-88.89
	Large	-85.32	-75.51	-68.49	-74.34	-71.17	-69.14	-69.84	-74.81	-80.43	-94.33	-82.94	-71.53	-80.56	-82.67

Table 75

Hogs, Farrow to Weaning
 Net Income by Crop District and
 Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)	30.68	30.68	30.68	30.68	30.68	30.68	30.68	30.68	30.68	30.68	30.68	30.68	30.68	30.68
Value of Culls	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29
Total Selling Price	32.97	32.97	32.97	32.97	32.97	32.97	32.97	32.97	32.97	32.97	32.97	32.97	32.97	32.97
Less Total Costs: Small	19.10	19.07	19.05	19.04	19.04	19.05	19.09	19.07	19.07	19.09	19.11	19.06	19.15	19.12
Large	18.38	18.35	18.33	18.32	18.32	18.33	18.37	18.35	18.35	18.37	18.39	18.34	18.43	18.40
Equals C.J. Value: Small	13.87	13.90	13.92	13.93	13.93	13.92	13.88	13.90	13.90	13.88	13.86	13.91	13.82	13.85
Large	14.59	14.62	14.64	14.65	14.65	14.64	14.60	14.62	14.62	14.60	14.58	14.63	14.54	14.57
Plus Total Labor: Small	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47
Large	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47	5.47
Equals Income: Small	19.34	19.37	19.39	19.40	19.40	19.39	19.35	19.37	19.37	19.35	19.33	19.38	19.29	19.32
Large	20.06	20.09	20.11	20.12	20.12	20.11	20.07	20.09	20.09	20.07	20.05	20.10	20.01	20.04
Less Megacalories from Grain	17.14	17.14	17.14	17.14	17.14	17.14	17.14	17.14	17.14	17.14	17.14	17.14	17.14	17.14
Equals Adjusted Income: Small	2.20	2.23	2.25	2.26	2.26	2.25	2.21	2.23	2.23	2.21	2.19	2.24	2.15	2.18
Large	2.92	2.95	2.97	2.98	2.98	2.97	2.93	2.95	2.95	2.93	2.91	2.96	2.87	2.90

Table 76

Hogs, Farrow to Finish
Net Income by Crop District
and Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56
Value of Culls	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29	2.29
Total Selling Price	69.85	69.85	69.85	69.85	69.85	69.85	69.85	69.85	69.85	69.85	69.85	69.85	69.85	69.85
Less Total Costs: Small	36.81	36.25	35.81	35.63	35.65	35.94	36.66	36.20	36.31	36.71	37.08	36.17	37.76	37.20
Large	35.67	35.11	34.67	34.49	34.51	34.80	35.52	35.06	35.17	35.57	35.94	35.03	36.62	36.06
Equals C.J. Value: Small	33.04	33.60	34.04	34.22	34.20	33.91	33.19	33.65	33.54	33.14	32.77	33.68	32.09	32.65
Large	34.18	34.74	35.18	35.36	35.34	35.05	34.33	34.79	34.68	34.28	33.91	34.82	33.23	33.79
Plus Total Labor: Small	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67
Large	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67	6.67
Equals Income: Small	39.71	40.27	40.71	40.89	40.87	40.58	39.86	40.32	40.21	39.81	39.44	40.35	38.76	39.32
Large	40.85	41.41	41.85	42.03	42.01	41.72	41.00	41.46	41.35	40.95	40.58	41.49	39.90	40.46
Less Megacalories from Grain	49.27	49.27	49.27	49.27	49.27	49.27	49.27	49.27	49.27	49.27	49.27	49.27	49.27	49.27
Equals Adjusted Income: Small	-9.56	-9.00	-8.56	-8.38	-8.40	-8.69	-9.41	-8.95	-9.06	-9.46	-9.83	-8.92	-10.51	-9.95
Large	-8.42	-7.86	-7.42	-7.24	-7.26	-7.55	-8.27	-7.81	-7.92	-8.32	-8.69	-7.78	-9.37	-8.81

Table 77

Hogs, Weaning to Finish
 Net Income by Crop District
 and Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56	67.56
Less Total Costs: Small	52.70	52.17	51.75	51.58	51.60	51.88	52.56	52.12	52.23	52.61	52.96	52.10	53.60	53.07
Large	51.94	51.41	50.99	50.82	50.84	51.12	51.80	51.36	51.47	51.85	52.20	51.34	52.84	52.31
Equals C.J. Value: Small	14.86	15.39	15.81	15.98	15.96	15.68	15.00	15.44	15.33	14.95	14.60	15.46	13.96	14.49
Large	15.62	16.15	16.57	16.74	16.72	16.44	15.76	16.20	16.09	15.71	15.36	16.22	14.72	15.25
Plus Total Labor: Small	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11
Large	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11	3.11
Equals Income: Small	17.97	18.50	18.92	19.09	19.07	18.79	18.11	18.55	18.44	18.06	17.71	18.57	17.07	17.60
Large	18.73	19.26	19.68	19.85	19.83	19.55	18.87	19.31	19.20	18.82	18.47	19.33	17.83	18.36
Less Megacalories from Grain	32.19	32.19	32.19	32.19	32.19	32.19	32.19	32.19	32.19	32.19	32.19	32.19	32.19	32.19
Equals Adjusted Income: Small	-14.22	-13.69	-13.27	-13.10	-13.12	-13.40	-14.08	-13.64	-13.75	-14.13	-14.48	-13.62	-15.12	-14.59
Large	-13.46	-12.93	-12.51	-12.34	-12.36	-12.64	-13.32	-12.88	-12.99	-13.37	-13.72	-12.86	-14.36	-13.83

Table 78

Poultry, Laying Hens
Net Income by Crop District
and Farm Size (1974)

	Crop Districts													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\pounds) per dozen	56.06	56.06	56.06	56.06	56.06	56.06	56.06	56.06	56.06	56.06	56.06	56.06	56.06	56.06
Value of Culls	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36	1.36
Total Selling Price	57.42	57.42	57.42	57.42	57.42	57.42	57.42	57.42	57.42	57.42	57.42	57.42	57.42	57.42
Less Total Costs: Small	26.86	26.86	26.86	26.86	26.86	26.86	26.86	26.86	26.86	26.86	26.86	26.86	26.86	26.86
Large	22.53	22.53	22.53	22.53	22.53	22.53	22.53	22.53	22.53	22.53	22.53	22.53	22.53	22.53
Equals G.J. Value: Small	30.56	30.56	30.56	30.56	30.56	30.56	30.56	30.56	30.56	30.56	30.56	30.56	30.56	30.56
Large	34.89	34.89	34.89	34.89	34.89	34.89	34.89	34.89	34.89	34.89	34.89	34.89	34.89	34.89
Plus Total Labor: Small	4.45	4.45	4.45	4.45	4.45	4.45	4.45	4.45	4.45	4.45	4.45	4.45	4.45	4.45
Large	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50	2.50
Equals Income: Small	35.01	35.01	35.01	35.01	35.01	35.01	35.01	35.01	35.01	35.01	35.01	35.01	35.01	35.01
Large	37.39	37.39	37.39	37.39	37.39	37.39	37.39	37.39	37.39	37.39	37.39	37.39	37.39	37.39
G.J. Value (\pounds): Small	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31	.31
Large	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35
Income (\pounds): Small	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35
Large	.37	.37	.37	.37	.37	.37	.37	.37	.37	.37	.37	.37	.37	.37
Less Megacalories from Grain	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28
Equals Adjusted Income: Small	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07	.07
Large	.09	.09	.09	.09	.09	.09	.09	.09	.09	.09	.09	.09	.09	.09

Table 79

Poultry, Broilers
Net Income by Crop District
and Farm Size (1974)

		Crop Districts													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)		135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00
Less	Total Costs: Small	73.44	73.44	73.44	73.44	73.44	73.44	73.44	73.44	73.44	73.44	73.44	73.44	73.44	73.44
	Large	63.90	63.90	63.90	63.90	63.90	63.90	63.90	63.90	63.90	63.90	63.90	63.90	63.90	63.90
Equals	C.J. Value: Small	61.56	61.56	61.56	61.56	61.56	61.56	61.56	61.56	61.56	61.56	61.56	61.56	61.56	61.56
	Large	71.10	71.10	71.10	71.10	71.10	71.10	71.10	71.10	71.10	71.10	71.10	71.10	71.10	71.10
Plus	Total Labor: Small	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
	Large	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04
Equals	Income: Small	61.61	61.61	61.61	61.61	61.61	61.61	61.61	61.61	61.61	61.61	61.61	61.61	61.61	61.61
	Large	71.14	71.14	71.14	71.14	71.14	71.14	71.14	71.14	71.14	71.14	71.14	71.14	71.14	71.14
	C.J. Value (\$): Small	.62	.62	.62	.62	.62	.62	.62	.62	.62	.62	.62	.62	.62	.62
	Large	.71	.71	.71	.71	.71	.71	.71	.71	.71	.71	.71	.71	.71	.71
	Income (\$): Small	.62	.62	.62	.62	.62	.62	.62	.62	.62	.62	.62	.62	.62	.62
	Large	.71	.71	.71	.71	.71	.71	.71	.71	.71	.71	.71	.71	.71	.71
Less	Megacalories from Grain	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35	.35
Equals	Adjusted Income: Small	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27	.27
	Large	.36	.36	.36	.36	.36	.36	.36	.36	.36	.36	.36	.36	.36	.36

Table 80

Turkeys
Net Income by Crop District
and Farm Size (1974)

		Crop Districts													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14
Selling Price (\$)		739.00	739.00	739.00	739.00	739.00	739.00	739.00	739.00	739.00	739.00	739.00	739.00	739.00	739.00
Less	Total Costs: Small	377.36	371.36	368.91	366.45	366.45	371.36	371.36	366.45	366.45	371.36	377.36	377.36	385.17	385.17
	Large	341.93	335.93	333.48	331.02	331.02	335.93	335.93	331.02	331.02	335.93	341.93	341.93	349.74	349.74
Equals	C.J. Value: Small	361.64	367.64	370.09	372.55	372.55	367.64	367.64	372.55	372.55	367.64	361.64	361.64	353.83	353.83
	Large	397.07	403.07	405.52	407.98	407.98	403.07	403.07	407.98	407.98	403.07	397.07	397.07	389.26	389.26
Plus	Total Labor: Small	12.78	12.78	12.78	12.78	12.78	12.78	12.78	12.78	12.78	12.78	12.78	12.78	12.78	12.78
	Large	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11	11.11
Equals	Income: Small	374.42	380.42	382.87	385.33	385.33	380.42	380.42	385.33	385.33	380.42	374.42	374.42	366.61	366.61
	Large	408.18	414.18	416.63	419.09	419.09	414.18	414.18	419.09	419.09	414.18	408.18	408.18	400.37	400.37
	C.J. Value (\$): Small	3.62	2.68	3.70	3.73	3.73	3.68	3.68	3.73	3.73	3.68	3.62	3.62	3.54	3.54
	Large	3.97	4.03	4.06	4.08	4.08	4.03	4.03	4.08	4.08	4.03	3.97	3.97	3.89	3.89
	Income (\$): Small	3.74	3.80	3.83	3.85	3.85	3.80	3.80	3.85	3.85	3.80	3.74	3.74	3.67	3.67
	Large	4.08	4.14	4.17	4.19	4.19	4.14	4.14	4.19	4.19	4.14	4.08	4.08	4.00	4.00
Less	Megacalories from Grain	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42	2.42
Equals	Adjusted Income: Small	1.32	1.38	1.41	1.43	1.43	1.38	1.38	1.43	1.43	1.38	1.32	1.32	1.25	1.25
	Large	1.66	1.72	1.75	1.77	1.77	1.72	1.72	1.77	1.77	1.72	1.66	1.66	1.58	1.58

APPENDIX B

Detailed results for the 'Present Trend 1971'
 solution are given in this appendix by region, for a) all
 farms in the region, and b) the average farm in the region
 as indicated below.

Crop District (C.D.) or Administrative Region (A.R.)	Total (All Farms) or Average (1 Farm)	Table No.
C.D. 1	Total	81
C.D. 2	Total	82
C.D. 3	Total	83
C.D. 4	Total	84
C.D. 5	Total	85
C.D. 6	Total	86
C.D. 7	Total	87
C.D. 8	Total	88
C.D. 9	Total	89
C.D. 10	Total	90
C.D. 11	Total	91
C.D. 12	Total	92
C.D. 13	Total	93
C.D. 14	Total	94
Province	Total	95
A.R. Interlake	Total	96
A.R. Eastern	Total	97
A.R. Central	Total	98
A.R. South West	Total	99
A.R. North West	Total	100
A.R. Interlake	Average	101
A.R. Eastern	Average	102
A.R. Central	Average	103
A.R. South West	Average	104
A.R. North West	Average	105
Province	Average	106

Table 81

CROP DISTRICT 1

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	298768.	430226.	1890526.	2722356.	2948185.	4245385.	5137479.	7397966.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	192840.	138845.	0.	0.	2049412.	1475576.	2242252.	1614420.	0.72
TOTAL		569071.		2722357.		5720962.		9012389.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	0.	0.	31579.	45474.	31579.	45474.	1.44
OATS FOR FEED BUS.	226881.	127053.	1435649.	803963.	1508539.	844782.	3171068.	1775797.	0.56
BARLEY FOR FEED BUS.	115388.	83079.	1950389.	1404280.	0.	0.	2065777.	1482359.	0.72
TOTAL		210132.		2208243.		890256.		3308631.	
WHEAT BUSHEL	298768.	430226.	1890526.	2722356.	2979765.	4290860.	5169059.	7443441.	1.44
OATS BUSHEL	226881.	127053.	1435648.	803963.	1508538.	844781.	3171067.	1775797.	0.56
BARLEY BUSHEL	308228.	221924.	1950388.	1404279.	2049411.	1475575.	4308027.	3101778.	0.72
TOTAL		779203.		4930599.		6611217.		12321019.	
FLAX BUSHEL	53945.	111666.	341352.	706598.	358682.	742472.	753979.	1560736.	2.07
RAPESEED BUSHEL	48726.	96477.	308328.	610489.	323982.	641484.	681036.	1348450.	1.98
RYE BUSHEL	31565.	18939.	199738.	119843.	209879.	125927.	441182.	264709.	0.60
SUNFLOWERS LBS.	479531.	28772.	3034354.	182061.	3188409.	191305.	6702294.	402138.	0.06
POTATOES CWT.	794.	1453.	5025.	9196.	5280.	9662.	11099.	20311.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		257307.		1628187.		1710850.		3596345.	
VEAL CALVES	22.	3401.	12362.	1911140.	292.	45143.	12676.	1959684.	154.60
STOCKER CALVES	1365.	297911.	888.	193840.	18520.	4041989.	20773.	4533740.	218.25
TOTAL CALVES	1387.	0.	13250.	0.	18812.	0.	0.	0.	0.0
STOCKER CATTLE	770.	27285.	7355.	260670.	12648.	448245.	20773.	736200.	35.44
FED BEEF	735.	89222.	7020.	852157.	9969.	1210136.	17724.	2151514.	121.39
TOTAL		417819.		3217808.		5745514.		9381141.	
WEANLING HOGS	1795.	24663.	17155.	235710.	29296.	402527.	48246.	662900.	13.74
MARKET HOGS	1795.	31623.	17155.	359569.	24357.	510522.	43307.	907214.	20.96
TOTAL		62286.		595278.		913049.		1570614.	
FLUID MILK LBS.	94637.	7155.	904394.	68372.	1284077.	97076.	2283108.	172603.	0.08
MANF. MILK LBS.	624649.	31732.	5969433.	303247.	8475531.	430557.	15069613.	165536.	0.05
TOTAL		38887.		371619.		527633.		938139.	
EGGS DOZ.	36006.	7093.	344097.	67787.	488556.	96246.	868659.	171126.	0.20
BROILERS	1497.	1219.	14307.	11650.	20313.	16541.	36117.	29410.	0.81
TURKEYS	78.	324.	744.	3095.	1057.	4397.	1879.	7817.	4.16
TOTAL		8637.		82532.		117183.		208352.	
INCOME	-257855.	0.	-1962990.	0.	1255261.	0.	-965584.	0.	0.0
LABOR	137477.	0.	863866.	0.	848192.	0.	1849536.	0.	0.0
TOTAL OPCAP LIVE	224588.	0.	2146044.	0.	2713548.	0.	5084180.	0.	0.0
TOTAL OPCAP CROP	259254.	0.	1246498.	0.	1946295.	0.	3452047.	0.	0.0
TOTAL OPCAP	483843.	0.	3392542.	0.	4659843.	0.	8536228.	0.	0.0
TOTAL GRAIN FOR SALE		569071.		2722357.		5720962.		9012389.	
TOTAL CROP PROD.		1036511.		6558786.		8322067.		15917364.	
TOTAL LVSTK. PROD		527629.		4267238.		7303380.		12098246.	
TOTAL PRODUCTION		1564139.		10826024.		15625447.		28015610.	

Table 82

CROP DISTRICT 2

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	720902.	1038099.	1903697.	2741322.	66998.	96477.	2691596.	3875896.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	1134054.	635070.	1134054.	635070.	0.56
BARLEY FOR SALE BUS.	711752.	512461.	1228948.	884842.	3499240.	2519453.	5439940.	3916256.	0.72
TOTAL		1550560.		3626165.		3251000.		8427725.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	0.	0.	3477229.	5007208.	3477229.	5007208.	1.44
OATS FOR FEED BUS.	452242.	253255.	1791363.	1003163.	1089339.	610030.	332943.	1866447.	0.56
BARLEY FOR FEED BUS.	0.	0.	1590350.	1145052.	0.	0.	1590350.	1145052.	0.72
TOTAL		253255.		2148215.		5617238.		8018709.	
WHEAT BUSHEL	720902.	1038098.	1903696.	2741321.	3544227.	5103685.	6168825.	8883104.	1.44
OATS BUSHEL	452242.	253255.	1791362.	1003163.	2223392.	1245099.	4466996.	2501517.	0.56
BARLEY BUSHEL	711752.	512461.	2819298.	2029894.	3499241.	2519453.	7030291.	5061808.	0.72
TOTAL		1803815.		5774379.		8868238.		16446432.	
FLAX BUSHEL	56094.	116115.	222194.	459941.	275782.	570869.	554070.	1146924.	2.07
RAPESEED BUSHEL	120824.	239231.	478592.	947612.	594015.	1176149.	1193431.	2362982.	1.98
RYE BUSHEL	8096.	4858.	32069.	19241.	39803.	23882.	79968.	47981.	0.60
SUNFLOWERS LBS.	731119.	43867.	2896015.	173761.	3594459.	215668.	7221593.	433296.	0.06
POTATOES CWT.	167.	306.	662.	1211.	822.	1504.	1651.	3021.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		404376.		1601767.		1988071.		3994215.	
VEAL CALVES	1096.	169442.	9825.	1518944.	280.	43288.	11201.	1731672.	154.60
STOCKER CALVES	134.	29245.	1419.	309696.	21649.	4724893.	23202.	5063834.	218.25
TOTAL CALVES	1230.	0.	11244.	0.	21929.	0.	0.	0.	0.0
STOCKER CATTLE	829.	29380.	7583.	268741.	14790.	524157.	23202.	822278.	35.44
FED BEEF	994.	120662.	9099.	1104527.	17745.	2154065.	27838.	3379253.	121.39
TOTAL		348728.		3201909.		7446404.		10997041.	
WEANLING HOGS	6053.	83168.	55350.	760509.	107950.	1483232.	169353.	2326909.	13.74
MARKET HOGS	6727.	140998.	61522.	1289500.	119987.	2514925.	188236.	3945422.	20.96
TOTAL		224166.		2050009.		3998157.		6272333.	
FLUID MILK LBS.	161009.	12172.	2208629.	166972.	4307483.	325646.	6677121.	504790.	0.08
MANF. MILK LBS.	1367246.	69456.	12503464.	635176.	24385440.	1238780.	38256150.	1943412.	0.05
TOTAL		81628.		802148.		1564426.		2448203.	
EGGS DOZ.	128370.	25289.	1173938.	231266.	2289526.	451037.	3591834.	707591.	0.20
BROILERS	23487.	19125.	214789.	174903.	418902.	341112.	657178.	535140.	0.81
TURKEYS	280.	1165.	2559.	10645.	4991.	20763.	7830.	32573.	4.16
TOTAL		45579.		416814.		812911.		1275304.	
INCOME	-413628.	0.	-1297696.	0.	517879.	0.	-1193445.	0.	0.0
LABOR	263355.	0.	1072204.	0.	1381198.	0.	2716757.	0.	0.0
TOTAL OPCAP LIVE	318613.	0.	2947570.	0.	4967117.	0.	8233300.	0.	0.0
TOTAL OPCAP CROP	741073.	0.	1755620.	0.	2087701.	0.	4584394.	0.	0.0
TOTAL OPCAP	1059686.	0.	4703190.	0.	7054818.	0.	12817694.	0.	0.0
TOTAL GRAIN FOR SALE		1550560.		3626165.		3251000.		8427725.	
TOTAL CROP PROD.		2208192.		7376145.		10856310.		20440647.	
TOTAL LVSTK. PROD		700102.		6470881.		13821898.		20992880.	
TOTAL PRODUCTION		2908293.		13847026.		24678207.		41433527.	

Table 83

CROP DISTRICT 3

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	285749.	411479.	7185756.	10347485.	7471505.	10758963.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	809395.	453261.	809395.	453261.	0.56
BARLEY FOR SALE BUS.	956387.	688599.	1191965.	858214.	5478644.	3244623.	7626996.	5491435.	0.72
TOTAL		688599.		1269693.		14745370.		16703662.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS FOR FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	836261.	1204215.	3341379.	4811584.	0.	0.	4177640.	6015799.	1.44
OATS FOR FEED BUS.	905587.	507129.	3114629.	1744192.	4378240.	2451814.	8398456.	4703134.	0.56
BARLEY FOR FEED BUS.	0.	0.	2097383.	1510115.	0.	0.	2097383.	1510115.	0.72
TOTAL		1711344.		8065893.		2451814.		12229051.	
WHEAT BUSHELS	836261.	1204215.	3627128.	5223062.	7185755.	10347484.	11649144.	16774761.	1.44
OATS BUSHELS	905587.	507129.	3114629.	1744192.	5187636.	2905075.	9207852.	5156395.	0.56
BARLEY BUSHELS	956387.	688599.	3289348.	2368330.	5478644.	3244623.	9724379.	2201551.	0.72
TOTAL		2399943.		9335585.		17197184.		28932711.	
FLAX BUSHELS	98089.	203044.	337361.	698337.	561898.	1163128.	997348.	2064509.	2.07
RAPESEED BUSHELS	150896.	298774.	778476.	1541381.	1296605.	2567277.	2225977.	4407431.	1.98
RYE BUSHELS	12394.	7436.	42626.	25576.	70997.	42598.	126017.	75610.	0.60
SUNFLOWERS LBS.	8363909.	501835.	28766368.	1725982.	47912432.	2874745.	85042709.	5102561.	0.06
POTATOES CHT.	246631.	451335.	848250.	1552297.	1412818.	2585456.	2507699.	4589087.	1.83
SUGAR BEETS TONS	35794.	571988.	123108.	1967264.	205045.	3276618.	363947.	5815870.	15.98
TOTAL		2034412.		7510839.		12509825.		22055075.	
VEAL CALVES	924.	142850.	1722.	266221.	6290.	972434.	8936.	1381505.	154.60
STOCKER CALVES	440.	96030.	4529.	988453.	11984.	2615506.	16953.	3699989.	218.25
TOTAL CALVES	1364.	0.	6251.	0.	18274.	0.	0.	0.	0.0
STOCKER CATTLE	990.	35086.	4538.	160827.	11425.	404902.	16953.	600814.	35.44
FED BEEF	1490.	180871.	6832.	829336.	17199.	2082785.	25521.	3092992.	121.39
TOTAL		454837.		2244838.		6080627.		8780302.	
WEANLING HOGS	19859.	272863.	91050.	1251026.	258273.	3548670.	369182.	5072558.	13.74
MARKET HOGS	19859.	416244.	91050.	1908405.	229217.	4804385.	340126.	7129034.	20.96
TOTAL		689107.		3159432.		8353055.		12201594.	
FLUID MILK LBS.	3151239.	238234.	14448011.	1092269.	36372496.	2749759.	53971746.	4080261.	0.08
MANF. MILK LBS.	3396492.	172542.	15572452.	791081.	39203264.	1991525.	58172208.	2955147.	0.05
TOTAL		410775.		1883350.		4741285.		7035410.	
EGGS DOZ.	1200734.	236545.	5505201.	1084524.	13859219.	2730265.	20565154.	4051333.	0.20
BROILERS	34474.	28072.	158058.	128707.	397908.	324016.	590440.	480795.	0.81
TURKEYS	14190.	59030.	65061.	220624.	163791.	681370.	243042.	1011054.	4.16
TOTAL		323647.		1483885.		3735652.		5543184.	
INCOME	-987429.	0.	-2769647.	0.	-2516118.	0.	-6273194.	0.	0.0
LABOR	611571.	0.	2146771.	0.	3833461.	0.	6591803.	0.	0.0
TOTAL OPCAP LIVE	860694.	0.	4005926.	0.	8891359.	0.	13757979.	0.	0.0
TOTAL OPCAP CROP	1280257.	0.	3754341.	0.	11229091.	0.	16263689.	0.	0.0
TOTAL OPCAP	2140951.	0.	7760267.	0.	20120450.	0.	30021668.	0.	0.0
TOTAL GRAIN FOR SALE		688599.		1269693.		14745370.		16703662.	
TOTAL CROP PROD.		4434354.		16846424.		29707008.		50987786.	
TOTAL LVSTK. PROD		1878366.		8771504.		22910620.		33560491.	
TOTAL PRODUCTION		6312720.		25617928.		52617629.		84548277.	

Table 84

CROP DISTRICT 4		FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT
COMMODITY	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	PRICE
WHEAT FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	704539.	507268.	0.	0.	0.	0.	704539.	0.72
TOTAL		0.		507268.		0.		507268.		
WHEAT FOR SALE	68096.	98058.	0.	0.	0.	0.	0.	0.	68096.	1.44
OATS AS FEED	0.	0.	0.	0.	823250.	461020.	0.	0.	823250.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		98058.		0.		461020.		559078.		
WHEAT FOR FEED BUS.	132479.	190770.	431100.	620784.	630636.	908116.	1194215.	1719669.		1.44
OATS FOR FEED BUS.	549086.	307488.	786773.	440593.	327680.	183501.	1663539.	931582.		0.56
BARLEY FOR FEED BUS.	503915.	362819.	17511.	12608.	1056250.	760500.	1577676.	1135926.		0.72
TOTAL		861076.		1073985.		1852117.		3787178.		
WHEAT BUSHELS	200575.	288828.	431100.	620784.	630636.	908115.	1262311.	1817726.		1.44
OATS BUSHELS	549086.	307488.	786773.	440593.	1150930.	644521.	2486789.	1392601.		0.56
BARLEY BUSHELS	503915.	362819.	722050.	519876.	1056249.	760499.	2282214.	1643193.		0.72
TOTAL		959135.		1581252.		2313135.		4853523.		
FLAX BUSHELS	23013.	47637.	32975.	68258.	48238.	99853.	104226.	215748.		2.07
RAPESEED BUSHELS	9335.	18483.	20065.	39729.	29352.	58117.	58752.	116329.		1.98
RYE BUSHELS	1250.	750.	1791.	1075.	2621.	1573.	5662.	3397.		0.60
SUNFLOWERS LBS.	56039.	3362.	80298.	4818.	117463.	7048.	253800.	15228.		0.06
POTATOES CWT.	18978.	34730.	27193.	49763.	39779.	72796.	85950.	157288.		1.83
SUGAR BEETS TONS	780.	12464.	1117.	17850.	1635.	26127.	3532.	56441.		15.98
TOTAL		117427.		181492.		265513.		564432.		
VEAL CALVES	0.	0.	1197.	185056.	2450.	378770.	3647.	563826.		154.60
STOCKER CALVES	572.	124839.	619.	135097.	5666.	1236603.	6857.	1496538.		218.25
TOTAL CALVES	572.	0.	1816.	0.	8116.	0.	0.	0.		0.0
STOCKER CATTLE	420.	14885.	1332.	47206.	5105.	180921.	6857.	243012.		35.44
FED BEEF	585.	71013.	1854.	25057.	7104.	862354.	9543.	1158424.		121.39
TOTAL		210737.		592416.		2658649.		3461802.		
WEANLING HOGS	7233.	99381.	22928.	315031.	89361.	1227820.	119522.	1642231.		13.74
MARKET HOGS	6029.	126368.	19113.	400608.	73230.	1534898.	98372.	2061873.		20.96
TOTAL		225749.		715639.		2762719.		3704107.		
FLUID MILK LBS.	1708940.	129196.	5417469.	409560.	20756912.	1569221.	27883321.	2107977.		0.08
MANF. MILK LBS.	1840961.	93521.	5835985.	296468.	22360432.	1135909.	30037378.	1525897.		0.05
TOTAL		222717.		706029.		2705132.		3633877.		
EGGS DOZ.	165633.	32630.	525069.	103439.	2011790.	396323.	2702492.	532391.		0.20
BROILERS	11694.	9522.	37069.	30185.	142031.	115656.	190794.	155363.		0.81
TURKEYS	8504.	35377.	26958.	12145.	103287.	429674.	138749.	572195.		4.16
TOTAL		77529.		245769.		941652.		1264950.		
INCOME	-459313.	0.	-662257.	0.	-272904.	0.	-1394474.	0.		0.0
LABOR	203716.	0.	391476.	0.	882620.	0.	1477811.	0.		0.0
TOTAL OPCAP LIVE	342197.	0.	1084760.	0.	3647462.	0.	5074419.	0.		0.0
TOTAL OPCAP CROP	44759.	0.	286968.	0.	95874.	0.	427602.	0.		0.0
TOTAL OPCAP	386957.	0.	1371728.	0.	3743336.	0.	5502021.	0.		0.0
TOTAL GRAIN FOR SALE		98058.		507268.		461020.		1066346.		
TOTAL CROP PROD.		1076561.		1762745.		2578648.		5417954.		
TOTAL LVSTK. PROD		736731.		2259852.		9068152.		12064736.		
TOTAL PRODUCTION		1813293.		4022597.		11646800.		17482690.		

Table 85

CROP DISTRICT 5

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	546843.	787454.	0.	0.	546843.	787454.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		787454.		0.		787454.	
WHEAT FOR SALE	0.	0.	403558.	581124.	0.	0.	403558.	581124.	1.44
OATS AS FEED	0.	0.	0.	0.	549483.	307710.	549483.	307710.	0.56
BARLEY (BUSHELS)	0.	0.	31208.	22420.	0.	0.	31208.	22420.	0.72
TOTAL		0.		603593.		307710.		911303.	
WHEAT FOR FEED BUS.	1041321.	1499501.	501099.	721582.	2284095.	3289095.	3826514.	5510178.	1.44
OATS FOR FEED BUS.	1339749.	750259.	1867482.	1045790.	2389202.	1337953.	5596433.	3134001.	0.56
BARLEY FOR FEED BUS.	872909.	628494.	1185544.	853591.	1914691.	1378577.	3973143.	2860662.	0.72
TOTAL		2878255.		2620964.		6005625.		11504844.	
WHEAT BUSHELS	1041321.	1499501.	1451500.	2090159.	2284094.	3289094.	4776915.	6878754.	1.44
OATS BUSHELS	1339748.	750259.	1867481.	1045789.	2938685.	1645663.	6145914.	3441711.	0.56
BARLEY BUSHELS	872909.	628494.	1216750.	876060.	1914689.	1378576.	4004348.	2881130.	0.72
TOTAL		2878255.		4012609.		6313334.		13203597.	
FLAX BUSHELS	54852.	113544.	76458.	158268.	120315.	249052.	251625.	520863.	2.07
RAPESEED BUSHELS	54653.	108213.	76181.	150838.	119879.	237360.	250713.	496411.	1.98
RYE BUSHELS	8701.	5221.	12129.	7277.	19086.	11452.	39916.	23950.	0.60
SUNFLOWERS LBS.	1025295.	61518.	1429160.	85750.	2248940.	134936.	4703395.	282204.	0.06
POTATOES CWT.	121344.	222059.	169142.	309530.	266163.	487078.	556649.	1018667.	1.83
SUGAR BEETS TONS	18079.	288902.	25200.	402696.	39656.	633703.	82935.	1325300.	15.98
TOTAL		799457.		1114359.		1753581.		3667396.	
VEAL CALVES	869.	134347.	1011.	156266.	6348.	981401.	8228.	1272013.	154.60
STOCKER CALVES	759.	165652.	3546.	773964.	12818.	2797526.	17123.	3737141.	218.25
TOTAL CALVES	1628.	0.	4557.	0.	19166.	0.	0.	0.	0.0
STOCKER CATTLE	1193.	42280.	3546.	125678.	12384.	438889.	17123.	606847.	35.44
FED BEEF	1205.	146275.	3373.	409448.	11206.	1360295.	15784.	1916018.	121.39
TOTAL		488554.		1465356.		5578112.		7532021.	
WEANLING HOGS	19596.	269249.	54867.	753873.	182330.	2505213.	256793.	3528334.	13.74
MARKET HOGS	20372.	426997.	57040.	1195557.	189554.	3973048.	266966.	5595601.	20.96
TOTAL		696246.		1949430.		6478262.		9123938.	
FLUID MILK LBS.	7687241.	581155.	21523952.	1627210.	71527872.	5407504.	100739065.	7615869.	0.08
MANF. MILK LBS.	8288296.	421045.	23206880.	1178909.	77120528.	3917222.	108615704.	5517676.	0.05
TOTAL		1002201.		2806120.		9325228.		13133548.	
EGGS DOZ.	1673981.	329774.	4687088.	923356.	15576003.	3068472.	21937072.	4321602.	0.20
BROILERS	378898.	308537.	1060899.	863890.	3525551.	2870855.	4965348.	4043281.	0.81
TURKEYS	48349.	201132.	135376.	263164.	449878.	1871492.	633603.	2635287.	4.16
TOTAL		839443.		2350410.		7810820.		11000673.	
INCOME	-1920872.	0.	-2437282.	0.	-1610855.	0.	-5969009.	0.	0.0
LABOR	747548.	0.	1350698.	0.	2694394.	0.	4792640.	0.	0.0
TOTAL OPCAP LIVE	1351506.	0.	3817312.	0.	10617991.	0.	15786809.	0.	0.0
TOTAL OPCAP CROP	380754.	0.	861214.	0.	822091.	0.	2064059.	0.	0.0
TOTAL OPCAP	1732260.	0.	4678526.	0.	11440082.	0.	17850868.	0.	0.0
TOTAL GRAIN FOR SALE		0.		1391047.		307710.		1698758.	
TOTAL CROP PROD.		3677711.		5126367.		8066915.		16870994.	
TOTAL LVSTK. PROD		3026443.		8571316.		29192422.		40790180.	
TOTAL PRODUCTION		6704154.		13697683.		37259337.		57661174.	

Table 86

CROP DISTRICT 6

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHEL) (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	
WHEAT FOR FEED BUS.	149730.	215611.	94727.	136407.	88854.	127950.	333311.	479967.	1.44
OATS FOR FEED BUS.	378448.	211931.	239425.	134078.	224582.	125766.	842455.	471775.	0.56
BARLEY FOR FEED BUS.	98110.	70639.	62069.	44690.	58221.	41919.	218400.	152248.	0.72
TOTAL	626288.	498181.	396221.	315174.	171656.	295635.	1373966.	1108990.	
WHEAT BUSHEL	149730.	215611.	94727.	136407.	88854.	127950.	333311.	479967.	1.44
OATS BUSHEL	378448.	211931.	239425.	134078.	224582.	125766.	842455.	471775.	0.56
BARLEY BUSHEL	98110.	70639.	62069.	44690.	58221.	41919.	218400.	152248.	0.72
TOTAL	626288.	498181.	396221.	315174.	171656.	295635.	1373966.	1108990.	
FLAX BUSHEL	17325.	35863.	10961.	22689.	10281.	21282.	38567.	79834.	2.07
RAPESEED BUSHEL	11536.	22841.	7298.	14450.	10269.	20333.	29103.	57624.	1.98
RYE BUSHEL	6870.	4122.	4346.	2608.	4077.	2446.	15293.	9176.	0.60
SUNFLOWERS LBS.	5660.	340.	3581.	215.	3359.	202.	12600.	756.	0.06
POTATOES CWT.	3975.	7274.	2515.	4602.	2359.	4317.	8849.	16194.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL	626288.	70440.	396221.	44564.	171656.	48579.	1373966.	163583.	
VEAL CALVES	2508.	387663.	1226.	189545.	1104.	170678.	4838.	747887.	154.60
STOCKER CALVES	103.	22583.	1347.	293975.	3745.	817250.	5195.	1133808.	218.25
TOTAL CALVES	2611.	0.	2573.	0.	4849.	0.	0.	0.	0.0
STOCKER CATTLE	1294.	45859.	1275.	45186.	2626.	93065.	5195.	184111.	35.44
FED BEEF	1131.	137292.	1114.	135228.	1953.	237075.	4198.	509595.	121.39
TOTAL	593398.	593398.	663934.	663934.	1318069.	1318069.	2575401.	2575401.	
WEANLING HOGS	4875.	66982.	4803.	65993.	8418.	115663.	18096.	248639.	13.74
MARKET HOGS	4875.	102180.	4803.	100671.	8418.	176441.	18096.	379292.	20.96
TOTAL	9750.	169162.	9606.	166664.	16836.	292104.	36192.	627931.	
FLUID MILK LBS.	3568225.	269758.	3515268.	265754.	6161509.	465810.	13245002.	1001322.	0.08
MANF. MILK LBS.	2941170.	149411.	2897518.	147194.	5078729.	257999.	10917417.	554605.	0.05
TOTAL	6509395.	419169.	6412786.	412948.	11243238.	723809.	24162419.	1555927.	
EGGS DOZ.	741677.	146110.	730669.	143942.	1921057.	378448.	3393403.	668500.	0.20
BROILERS	21999.	17914.	21672.	17648.	37986.	30932.	81657.	66493.	0.81
TURKEYS	18942.	78799.	18662.	77634.	32709.	136069.	70313.	292502.	4.16
TOTAL	780018.	242823.	770003.	239223.	2280772.	545450.	4173173.	1027496.	
INCOME	-627798.	0.	-321626.	0.	-15969.	0.	-965393.	0.	0.0
LABOR	248270.	0.	219676.	0.	239362.	0.	707308.	0.	0.0
TOTAL OPCAP LIVE	737957.	0.	752506.	0.	1116756.	0.	2607220.	0.	0.0
TOTAL OPCAP CROP	27779.	0.	18238.	0.	17877.	0.	63893.	0.	0.0
TOTAL OPCAP	765736.	0.	770744.	0.	1134633.	0.	2671113.	0.	0.0
TOTAL GRAIN FOR SALE		0.		0.		0.		0.	
TOTAL CROP PROD.		560621.		359739.		344214.		1272573.	
TOTAL LVSTK. PROD		1424552.		1482770.		2879432.		5786754.	
TOTAL PRODUCTION		1993173.		1842508.		3223646.		7059327.	

Table 87

CROP DISTRICT 7

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	201271.	289830.	1167304.	1680917.	1838847.	2647938.	3207422.	4618684.	1.44
OATS FOR SALE BUS.	353981.	198229.	0.	0.	976427.	546799.	1330408.	745029.	0.56
BARLEY FOR SALE BUS.	412448.	296963.	0.	0.	429807.	309461.	842255.	606424.	0.72
TOTAL		785021.		1680917.		3504199.		5970138.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	67725.	97524.	0.	0.	0.	0.	67725.	97524.	1.44
OATS FOR FEED BUS.	0.	0.	1536096.	860214.	636773.	356593.	2172869.	1216806.	0.56
BARLEY FOR FEED BUS.	0.	0.	1789815.	1288666.	1449848.	1043890.	3239663.	2322556.	0.72
TOTAL		97524.		2148880.		1400483.		3646888.	
WHEAT BUSHELS	268996.	387354.	1167303.	1680915.	1838846.	2647937.	3275145.	4716206.	1.44
OATS BUSHELS	353981.	198229.	1536095.	860213.	1613200.	903392.	3503276.	1961833.	0.56
BARLEY BUSHELS	412448.	296963.	1789814.	1288666.	1879654.	1353350.	4081916.	2938878.	0.72
TOTAL		882546.		3829795.		4904680.		9617021.	
FLAX BUSHELS	28176.	58324.	122270.	253099.	128407.	265802.	278853.	577225.	2.07
RAPESEED BUSHELS	40892.	80570.	117721.	233087.	185445.	367181.	343858.	680838.	1.98
RYE BUSHELS	23923.	14354.	103813.	62288.	109024.	65414.	236760.	142056.	0.60
SUNFLOWERS LBS.	208613.	12517.	905274.	54316.	950714.	57043.	2064601.	123876.	0.06
POTATOES CWT.	4562.	8348.	19797.	36229.	20791.	38048.	45150.	82624.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		174113.		639019.		793488.		1606620.	
VEAL CALVES	1686.	260656.	6991.	1080781.	5868.	907264.	14545.	2248699.	154.60
STOCKER CALVES	110.	24007.	6497.	1418006.	13224.	2886036.	19831.	4328049.	218.25
TOTAL CALVES	1796.	0.	13488.	0.	19092.	0.	0.	0.	0.0
STOCKER CATTLE	992.	35160.	6497.	230260.	12341.	437380.	19831.	702800.	35.44
FED BEEF	941.	114229.	7072.	828470.	10011.	1215234.	18024.	2187931.	121.39
TOTAL		434051.		3587518.		5445915.		9467485.	
WEANLING HOGS	3609.	49588.	27117.	372588.	38382.	527369.	69108.	949544.	13.74
MARKET HOGS	3991.	83651.	29981.	628401.	42436.	889458.	76408.	1601510.	20.96
TOTAL		133239.		1000989.		1416827.		2551055.	
FLUID MILK LBS.	141497.	10697.	1062936.	80358.	1504516.	113741.	2708949.	204796.	0.08
MANF. MILK LBS.	893673.	45399.	6713328.	341037.	9502267.	482715.	17109268.	869151.	0.05
TOTAL		56096.		421395.		596457.		1073947.	
EGGS DOZ.	76341.	15039.	573483.	112976.	811728.	159910.	1461552.	287926.	0.20
BROILERS	1558.	1269.	11707.	9533.	16570.	13493.	29835.	24295.	0.81
TURKEYS	2282.	9493.	17144.	71319.	24266.	100947.	43692.	181759.	4.16
TOTAL		25801.		193828.		274350.		493979.	
INCOME	-312709.	0.	-283465.	0.	1117367.	0.	521193.	0.	0.0
LABOR	165655.	0.	798397.	0.	769756.	0.	1733809.	0.	0.0
TOTAL OPCAP LIVE	286179.	0.	2264693.	0.	2690138.	0.	5241010.	0.	0.0
TOTAL OPCAP CROP	385981.	0.	753350.	0.	1349501.	0.	2488832.	0.	0.0
TOTAL OPCAP	672161.	0.	3018043.	0.	4039639.	0.	7729842.	0.	0.0
TOTAL GRAIN FOR SALE		785021.		1680917.		3504199.		5970138.	
TOTAL CROP PROD.		1056659.		4468814.		5698168.		11223641.	
TOTAL LIVSTK. PROD		649187.		5203730.		7733549.		13586465.	
TOTAL PRODUCTION		1705846.		9672544.		13431717.		24810107.	

Table 88

CROP DISTRICT 8

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	455661.	656152.	1188905.	1712022.	2878397.	4144890.	4522963.	6513063.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		656152.		1712022.		4144891.		6513065.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	367633.	529391.	0.	0.	367633.	529391.	1.44
OATS FOR FEED BUS.	451554.	252870.	1542506.	863803.	2852450.	1597372.	4846510.	2714045.	0.56
BARLEY FOR FEED BUS.	333940.	240437.	1140735.	821329.	2109483.	1518827.	3584158.	2580592.	0.72
TOTAL		493307.		2214524.		3116200.		5824030.	
WHEAT BUSHELS	455661.	656152.	1556537.	2241412.	2878397.	4144890.	4890595.	7042453.	1.44
OATS BUSHELS	451554.	252870.	1542505.	863803.	2852449.	1597371.	4846508.	2714043.	0.56
BARLEY BUSHELS	333940.	240437.	1140734.	821328.	2109482.	1518826.	3584156.	2580591.	0.72
TOTAL		1149458.		3926544.		7261089.		12337091.	
FLAX BUSHELS	17965.	37188.	61368.	127032.	113483.	234910.	192816.	399129.	2.07
RAPESEED BUSHELS	59757.	118319.	204129.	404175.	377482.	747414.	641368.	1269908.	1.98
RYE BUSHELS	28286.	16972.	96624.	57974.	178680.	107208.	303590.	182154.	0.60
SUNFLOWERS LBS.	2829310.	169759.	9664913.	579895.	17872656.	1072359.	30366879.	1822012.	0.06
POTATOES CWT.	154403.	282557.	527439.	965213.	975357.	1784903.	1657199.	3032673.	1.83
SUGAR BEETS TONS	105.	1628.	360.	5753.	666.	10643.	1131.	18023.	15.98
TOTAL		626472.		2140042.		3957437.		6723951.	
VEAL CALVES	1260.	194796.	6615.	1022678.	2402.	371357.	10277.	1588831.	154.60
STOCKER CALVES	180.	39285.	945.	206246.	18642.	4068615.	19767.	4314146.	218.25
TOTAL CALVES	1440.	0.	7560.	0.	21044.	0.	0.	0.	0.0
STOCKER CATTLE	973.	34483.	5106.	180956.	13688.	435102.	19767.	700542.	35.44
FED BEEF	1265.	153558.	6636.	805544.	17790.	2159527.	25691.	3118628.	121.39
TOTAL		422122.		2215424.		7084603.		9722150.	
WEANLING HOGS	6396.	87881.	33561.	461128.	107267.	1473847.	147224.	2022856.	13.74
MARKET HOGS	6396.	134060.	33561.	703438.	89967.	1885706.	129924.	2723204.	20.96
TOTAL		221941.		1164566.		3359554.		4746061.	
FLUID MILK LBS.	213172.	16116.	1677793.	126841.	4497614.	340019.	6388579.	482976.	0.08
MANF. MILK LBS.	1805790.	91234.	9475131.	481337.	25399696.	1290304.	36680617.	1863374.	0.05
TOTAL		107850.		608178.		1630324.		2346352.	
EGGS DOZ.	181917.	35838.	954536.	188044.	2558794.	504082.	3695247.	727963.	0.20
BROILERS	13915.	11331.	73014.	59455.	195728.	159381.	282657.	230167.	0.81
TURKEYS	6291.	26121.	33009.	137317.	88486.	368101.	127786.	531589.	4.16
TOTAL		73339.		384816.		1031565.		1489720.	
INCOME	-870.	0.	-105055.	0.	1549669.	0.	1443744.	0.	0.0
LABOR	226420.	0.	777662.	0.	1380302.	0.	2384385.	0.	0.0
TOTAL OPCAP LIVE	370806.	0.	1971772.	0.	4750768.	0.	7093346.	0.	0.0
TOTAL OPCAP CROP	418353.	0.	1184543.	0.	2358301.	0.	3961197.	0.	0.0
TOTAL OPCAP	789160.	0.	3156315.	0.	7109069.	0.	11054544.	0.	0.0
TOTAL GRAIN FOR SALE		656152.		1712022.		4144891.		6513065.	
TOTAL CROP PROD.		1775930.		6066586.		11218526.		19061042.	
TOTAL LVSTK. PROD		825252.		4372985.		13106046.		18304283.	
TOTAL PRODUCTION		2601183.		10439571.		24324571.		37365325.	

Table 89

CROP DISTRICT 9

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	188605.	271592.	1193738.	1718982.	1446933.	2083583.	2829277.	4074156.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	302476.	169387.	302476.	169387.	0.56
BARLEY FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		271592.		1718983.		2252970.		4243544.	
WHEAT FOR SALE AS FEED (BUSHELLS)	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED (BUSHELLS)	0.	0.	327401.	183345.	0.	0.	327401.	183345.	0.56
BARLEY (BUSHELLS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		183345.		0.		183345.	
WHEAT FOR FEED BUS.	520631.	749708.	0.	0.	0.	0.	520631.	749708.	1.44
OATS FOR FEED BUS.	491462.	275219.	831169.	465454.	700169.	392095.	2022800.	1132767.	0.56
BARLEY FOR FEED BUS.	461745.	322456.	1088515.	783731.	942019.	678254.	2492279.	1794440.	0.72
TOTAL		1357383.		1249185.		1070348.		3676916.	
WHEAT BUSHELLS	709236.	1021299.	1193737.	1718980.	1446932.	2083581.	3349905.	4823860.	1.44
OATS BUSHELLS	491462.	275219.	1158569.	648799.	1002646.	561482.	2652677.	1485498.	0.56
BARLEY BUSHELLS	461745.	322456.	1088514.	783730.	942019.	678254.	2492278.	1794439.	0.72
TOTAL		1628974.		3151509.		3323317.		8103801.	
FLAX BUSHELLS	40952.	84771.	96540.	199838.	83548.	172944.	221040.	457552.	2.07
RAPESEED BUSHELLS	111121.	220019.	261956.	518673.	226701.	448868.	599778.	1187559.	1.98
RYE BUSHELLS	43502.	26101.	102552.	61531.	88750.	53250.	234804.	140882.	0.60
SUNFLOWERS LBS.	398016.	23881.	938280.	56297.	812004.	48720.	2148300.	128898.	0.06
POTATOES CWT.	222.	406.	524.	959.	453.	829.	1199.	2194.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		355178.		837297.		724611.		1917087.	
VEAL CALVES	2101.	324815.	6693.	1034770.	171.	26437.	8965.	1386020.	154.60
STOCKER CALVES	213.	46487.	2704.	590102.	13159.	2871950.	16076.	3508539.	218.25
TOTAL CALVES	2314.	0.	9397.	0.	13330.	0.	0.	0.	0.0
STOCKER CATTLE	1378.	48846.	5595.	198270.	9103.	322610.	16076.	569725.	35.44
FED BEEF	1301.	157928.	5283.	641303.	7494.	909696.	14078.	1708927.	121.39
TOTAL		578076.		2464444.		4130694.		7173214.	
WEANLING HOGS	7111.	97705.	28873.	396715.	40955.	562722.	76939.	1057141.	13.74
MARKET HOGS	7820.	163907.	31750.	665480.	45036.	943954.	84606.	1723340.	20.96
TOTAL		261612.		1062195.		1506676.		2830482.	
FLUID MILK LBS.	262847.	19871.	1067217.	80682.	1513807.	114444.	2843871.	214997.	0.08
MANF. MILK LBS.	1777871.	90316.	7218573.	366704.	10239271.	520155.	19235715.	972174.	0.05
TOTAL		110187.		447385.		634599.		1192171.	
EGGS DOZ.	272718.	53725.	1107299.	218138.	1570662.	309420.	2950679.	581284.	0.20
BROILERS	68287.	55606.	277262.	225774.	393785.	320252.	738834.	601632.	0.81
TURKEYS	188.	782.	764.	3174.	1083.	4505.	2035.	8466.	4.16
TOTAL		110114.		447090.		634178.		1191382.	
INCOME	-320762.	0.	-742398.	0.	970199.	0.	-92961.	0.	0.0
LABOR	312123.	0.	688299.	0.	644826.	0.	1645249.	0.	0.0
TOTAL OPCAP LIVF	504010.	0.	2046422.	0.	2497510.	0.	5047942.	0.	0.0
TOTAL OPCAP CROP	246461.	0.	881255.	0.	1008828.	0.	2136544.	0.	0.0
TOTAL OPCAP	750470.	0.	2927677.	0.	3506338.	0.	7184485.	0.	0.0
TOTAL GRAIN FOR SALE		271592.		1902327.		2252970.		4426889.	
TOTAL CROP PROD.		1984153.		3988807.		4047928.		10020887.	
TOTAL LIVSTK. PROD		1059989.		4421119.		6906146.		12387249.	
TOTAL PRODUCTION		3044141.		8409921.		10954074.		22408136.	

Table 90

CROP DISTRICT 10

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	1033116.	1487686.	3386829.	4877032.	1442111.	2076639.	5862056.	8441357.	1.44
OATS FOR SALE BUS.	569908.	319148.	0.	0.	784970.	439583.	1354878.	758731.	0.56
BARLEY FOR SALE BUS.	1032120.	743126.	1364539.	982468.	2751763.	1981269.	5148422.	3206863.	0.72
TOTAL		2549961.		5859501.		4497492.		12906954.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	0.	0.	1312308.	1889723.	1312308.	1889723.	1.44
OATS FOR FEED BUS.	0.	0.	1868313.	1046255.	734478.	411307.	2602791.	1457562.	0.56
BARLEY FOR FEED BUS.	0.	0.	2019028.	1453700.	0.	0.	2019028.	1453700.	0.72
TOTAL		0.		2499955.		2301031.		4800986.	
WHEAT BUSHELS	1033116.	1487686.	3386829.	4877032.	2754418.	3966360.	7174363.	10331078.	1.44
OATS BUSHELS	569908.	319148.	1868312.	1046255.	1519447.	850890.	3957667.	2216292.	0.56
BARLEY BUSHELS	1032120.	743126.	3383567.	2436168.	2751764.	1981269.	7167451.	5160563.	0.72
TOTAL		2549961.		8359455.		6798521.		17707937.	
FLAX BUSHELS	29818.	61723.	97751.	202344.	79498.	164561.	207067.	428628.	2.07
RAPESEED BUSHELS	303503.	600936.	994966.	1970032.	809179.	1602173.	2107648.	4173140.	1.98
RYE BUSHELS	27970.	16782.	91695.	55017.	74573.	44744.	194238.	116543.	0.60
SUNFLOWERS LBS.	27475.	1648.	90072.	5404.	73253.	4395.	190800.	11448.	0.06
POTATOES CWT.	259.	474.	849.	1554.	691.	1265.	1799.	3292.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		681563.		2234351.		1817138.		4733053.	
VEAL CALVES	2932.	453287.	15264.	2359765.	243.	37568.	18439.	2850619.	154.60
STOCKER CALVES	285.	62201.	2639.	576030.	18823.	4108118.	21747.	4746349.	218.25
TOTAL CALVES	3217.	0.	17903.	0.	19066.	0.	0.	0.	0.0
STOCKER CATTLE	1776.	62925.	9886.	350352.	10086.	357448.	21747.	770724.	35.44
FED BEEF	1656.	201022.	9217.	1118851.	9816.	1191563.	20689.	2511435.	121.39
TOTAL		779435.		4404999.		5694698.		10879131.	
WEANLING HOGS	5646.	77576.	31420.	431711.	33462.	459768.	70528.	969054.	13.74
MARKET HOGS	5844.	122490.	32524.	681703.	34638.	726012.	73006.	1530204.	20.96
TOTAL		200066.		1113413.		1185780.		2499259.	
FLUID MILK LBS.	353043.	26690.	1964757.	148536.	2092415.	158187.	4410215.	333412.	0.08
MANF. MILK LBS.	1929236.	98005.	10736603.	545419.	11434207.	580858.	24100046.	1224282.	0.05
TOTAL		124695.		693955.		739044.		1557694.	
EGGS DOZ.	99339.	19570.	552841.	108910.	588762.	115986.	1240942.	244465.	0.20
BROILERS	6663.	5426.	37078.	30193.	39487.	32154.	83228.	67773.	0.81
TURKEYS	2708.	11255.	15069.	62687.	16048.	66760.	33825.	140712.	4.16
TOTAL		36261.		201789.		214900.		452950.	
INCOME	-431939.	0.	-1849158.	0.	1641707.	0.	-639390.	0.	0.0
LABOR	381143.	0.	1290251.	0.	858929.	0.	2530324.	0.	0.0
TOTAL OPCAP LIVE	660399.	0.	3675492.	0.	3407138.	0.	7743029.	0.	0.0
TOTAL OPCAP CROP	862552.	0.	1814219.	0.	1432317.	0.	4109088.	0.	0.0
TOTAL OPCAP	1522950.	0.	5489711.	0.	4839455.	0.	11852116.	0.	0.0
TOTAL GRAIN FOR SALE		2549961.		5859501.		4497492.		12906954.	
TOTAL CROP PROD.		3231525.		10593807.		8615659.		22440990.	
TOTAL LVSTK. PROD		1140457.		6414156.		7834422.		15389035.	
TOTAL PRODUCTION		4371981.		17007963.		16450081.		37830025.	

Table 91

CROP DISTRICT 11

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	890373.	1282136.	304012.	437777.	1160291.	1670818.	2354676.	3390730.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	964106.	694156.	1182456.	851368.	1256375.	904590.	3402936.	2450113.	0.72
TOTAL		1976293.		1289145.		2575408.		5840846.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	1557227.	2242406.	0.	0.	1557227.	2242406.	1.44
OATS FOR FEED BUS.	667399.	373743.	1395134.	781275.	869722.	487044.	2932254.	1642062.	0.56
BARLEY FOR FEED BUS.	0.	0.	832915.	596698.	0.	0.	832915.	596698.	0.72
TOTAL		373743.		3623380.		487044.		4484167.	
WHEAT BUSHEL	890373.	1282136.	1861238.	2680181.	1160290.	1670817.	3911901.	5633134.	1.44
OATS BUSHEL	667399.	373743.	1395133.	781274.	869722.	487044.	2932254.	1642061.	0.56
BARLEY BUSHEL	964106.	694156.	2015370.	1451066.	1256374.	904589.	4235850.	3049811.	0.72
TOTAL		2350036.		4912523.		3062451.		10325010.	
FLAX BUSHEL	58838.	121795.	122996.	254602.	76675.	158717.	258509.	535113.	2.07
RAPESEED BUSHEL	432944.	857229.	905028.	1791954.	564192.	1117099.	1902164.	3766281.	1.98
RYE BUSHEL	18208.	10925.	38062.	22837.	23728.	14237.	79998.	47999.	0.60
SUNFLOWERS LBS.	78456.	4707.	164004.	9840.	102240.	6134.	344700.	20682.	0.06
POTATOES CWT.	2629.	4811.	5496.	10058.	3426.	6270.	11551.	21138.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		999467.		2089292.		1302458.		4391216.	
VEAL CALVES	3680.	568928.	5153.	796645.	6995.	1081426.	15828.	2446999.	154.60
STOCKER CALVES	306.	66784.	8884.	1938944.	6893.	1504396.	16083.	3510124.	218.25
TOTAL CALVES	3986.	0.	14037.	0.	13888.	0.	0.	0.	0.0
STOCKER CATTLE	1947.	69004.	7243.	256692.	6893.	244288.	16083.	569983.	35.44
FED BEEF	1865.	226392.	6568.	792289.	6498.	788792.	14931.	1812472.	121.39
TOTAL		931108.		3789570.		3618903.		8339581.	
WEANLING HOGS	10701.	147032.	37692.	517888.	42965.	590339.	91358.	1255258.	13.74
MARKET HOGS	10701.	224291.	37692.	790024.	37295.	781203.	85688.	1796019.	20.96
TOTAL		371324.		1307912.		1372042.		3051278.	
FLUID MILK LBS.	436326.	32986.	1536794.	116182.	1520580.	114956.	3493700.	264124.	0.08
MANF. MILK LBS.	3004702.	152639.	10582940.	537613.	10471279.	531941.	24058921.	1222193.	0.05
TOTAL		185625.		653795.		646897.		1486317.	
EGGS DOZ.	185115.	36468.	651999.	128444.	645120.	127089.	1482234.	292000.	0.20
BROILERS	8825.	7186.	31083.	25311.	30756.	25045.	70664.	57542.	0.81
TURKEYS	4381.	18225.	15430.	64189.	15267.	63511.	35078.	145924.	4.16
TOTAL		61879.		217943.		215644.		495466.	
INCOME	-189790.	0.	-56539.	0.	915096.	0.	668767.	0.	0.0
LABOR	429345.	0.	1017286.	0.	634241.	0.	2080973.	0.	0.0
TOTAL OPCAP LIVE	806439.	0.	2846699.	0.	2472459.	0.	6125597.	0.	0.0
TOTAL OPCAP CROP	899622.	0.	953917.	0.	1078937.	0.	2932476.	0.	0.0
TOTAL OPCAP	1706061.	0.	3800616.	0.	3551396.	0.	9058073.	0.	0.0
TOTAL GRAIN FOR SALE		1976293.		1289145.		2575408.		5840846.	
TOTAL CROP PROD.		3349503.		7001814.		4364908.		14716225.	
TOTAL LIVSTK. PROD		1549937.		5969220.		5853485.		13372542.	
TOTAL PRODUCTION		4899439.		12971035.		10218393.		28088868.	

Table 92

CROP DISTRICT 12

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	
WHEAT FOR SALE AS FEED (BUSHELLS)	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS FOR SALE AS FEED (BUSHELLS)	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE AS FEED (BUSHELLS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	
WHEAT FOR FEED BUS.	432143.	622286.	564107.	812314.	494625.	712260.	1490875.	2146858.	1.44
OATS FOR FEED BUS.	527081.	295165.	688037.	385301.	402193.	225228.	1617311.	905694.	0.56
BARLEY FOR FEED BUS.	499581.	359698.	652138.	469539.	381209.	274470.	1532928.	1103708.	0.72
TOTAL		1277149.		1667154.		1211958.		4156262.	
WHEAT BUSHELS	432143.	622286.	564107.	812314.	494625.	712260.	1490875.	2146858.	1.44
OATS BUSHELS	527081.	295165.	688037.	385301.	402193.	225228.	1617311.	905694.	0.56
BARLEY BUSHELS	499581.	359698.	652138.	469539.	381209.	274470.	1532928.	1103708.	0.72
TOTAL		1277149.		1667154.		1211958.		4156261.	
FLAX BUSHELS	66605.	137872.	86945.	179976.	50824.	105206.	204374.	423054.	2.07
RAPESEED BUSHELS	46185.	91446.	60290.	119374.	35242.	69779.	141717.	280600.	1.98
RYE BUSHELS	13266.	7960.	17317.	10390.	10123.	6074.	40706.	24424.	0.60
SUNFLOWERS LBS.	4400.	264.	5743.	345.	3357.	201.	13500.	810.	0.06
POTATOES CWT.	391.	716.	510.	933.	298.	545.	1199.	2194.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		238258.		311018.		181805.		731081.	
VEAL CALVES	7456.	1152737.	8087.	1250209.	8973.	1387252.	24516.	3790198.	154.60
STOCKER CALVES	1058.	230851.	12604.	2750880.	8660.	1890045.	22322.	4871775.	218.25
TOTAL CALVES	8514.	0.	20691.	0.	17633.	0.	0.	0.	0.0
STOCKER CATTLE	3983.	141157.	9679.	343023.	8660.	306910.	22322.	791091.	35.44
FED BEEF	3411.	414061.	8289.	1006201.	6824.	828365.	18524.	2248626.	121.39
TOTAL		1938807.		5350314.		4412572.		11701693.	
WEANLING HOGS	8288.	113877.	20141.	276737.	16581.	227823.	45010.	618437.	13.74
MARKET HOGS	8288.	173716.	20141.	422155.	16581.	347538.	45010.	943409.	20.96
TOTAL		287593.		698892.		575360.		1561846.	
FLUID MILK LBS.	5330406.	402979.	12954153.	979334.	15996444.	1209330.	34281003.	2591642.	0.08
MANF. MILK LBS.	5973641.	303461.	14517361.	737482.	11951186.	607120.	32442188.	1648063.	0.05
TOTAL		706439.		1716815.		1816451.		4239706.	
EGGS DOZ.	370673.	73023.	900822.	177462.	1112381.	219139.	2383876.	469623.	0.20
BROILERS	7229.	5887.	17568.	14306.	14462.	11776.	39259.	31969.	0.81
TURKEYS	39619.	164815.	96285.	400545.	79265.	329742.	215169.	895103.	4.16
TOTAL		243724.		592313.		560658.		1396695.	
INCOME	-432724.	0.	336496.	0.	942864.	0.	846636.	0.	0.0
LABOR	487587.	0.	925129.	0.	569438.	0.	1982153.	0.	0.0
TOTAL OPCAP LIVE	1496138.	0.	3635923.	0.	2831645.	0.	7963706.	0.	0.0
TOTAL OPCAP CROP	93599.	0.	114190.	0.	62562.	0.	270351.	0.	0.0
TOTAL OPCAP	1589737.	0.	3750113.	0.	2894207.	0.	8234057.	0.	0.0
TOTAL GRAIN FOR SALE		0.		0.		0.		0.	
TOTAL CROP PROD.		1515407.		1978172.		1393763.		4887342.	
TOTAL LVSTK. PROD		3176564.		8358335.		7365041.		18899940.	
TOTAL PRODUCTION		4691971.		10336506.		8758805.		23787282.	

Table 93

CROP DISTRICT 13

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	448107.	645274.	1080309.	1555644.	587186.	845548.	2115602.	3046464.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	421940.	236287.	421940.	236287.	0.56
BARLEY FOR SALE BUS.	631505.	454684.	0.	0.	515452.	371125.	1146957.	825809.	0.72
TOTAL		1099957.		1555645.		1452960.		4108562.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	0.	0.	22378.	32224.	22378.	32224.	1.44
OATS FOR FEED BUS.	267545.	149825.	645006.	361203.	123977.	69427.	1036527.	580455.	0.56
BARLEY FOR FEED BUS.	0.	0.	1522450.	1096163.	343591.	247386.	1866041.	1343548.	0.72
TOTAL		149825.		1457367.		349037.		1956229.	
WHEAT BUSHELS	448107.	645274.	1080308.	1555643.	609564.	877772.	2137979.	3078687.	1.44
OATS BUSHELS	267545.	149825.	645006.	361203.	545917.	305713.	1458468.	816742.	0.56
BARLEY BUSHELS	631505.	454684.	1522449.	1096163.	859043.	618511.	3012997.	2169356.	0.72
TOTAL		1249782.		3013010.		1801996.		6064788.	
FLAX BUSHELS	5093.	10543.	12279.	25418.	6928.	14341.	24300.	50301.	2.07
RAPESEED BUSHELS	308710.	611246.	744246.	1473608.	419941.	831483.	1472897.	2916333.	1.98
RYE BUSHELS	63246.	37948.	152475.	91489.	86037.	51622.	301758.	181055.	0.60
SUNFLOWERS LBS.	0.	0.	0.	0.	0.	0.	0.	0.	0.06
POTATOES CWT.	1163.	2128.	2805.	5133.	1582.	2895.	5550.	10156.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		661864.		1595642.		900341.		3157847.	
VEAL CALVES	1021.	157847.	1526.	235920.	750.	115950.	3297.	509716.	154.60
STOCKER CALVES	143.	31210.	3238.	706693.	3616.	789192.	6997.	1527094.	218.25
TOTAL CALVES	1164.	0.	4764.	0.	4366.	0.	0.	0.	0.0
STOCKER CATTLE	792.	28068.	3238.	114755.	2967.	105150.	6997.	247973.	35.44
FED BEEF	923.	112043.	3775.	458247.	3460.	420009.	8158.	990292.	121.39
TOTAL		329168.		1515614.		1430302.		3275083.	
WEANLING HOGS	5546.	76202.	22682.	311651.	20787.	285613.	49015.	673466.	13.74
MARKET HOGS	8505.	128265.	34785.	229093.	31879.	668183.	75169.	1575541.	20.96
TOTAL		254467.		1040744.		953797.		2249007.	
FLUID MILK LBS.	144696.	10939.	591763.	44737.	542320.	40999.	1278779.	96676.	0.08
HANF. MILK LBS.	1123365.	57067.	4594225.	233387.	4210367.	213887.	9927957.	504340.	0.05
TOTAL		68006.		278124.		254886.		601016.	
EGGS DOZ.	67087.	13216.	274365.	54050.	251442.	49534.	592894.	116800.	0.20
BROILERS	3287.	2677.	13443.	10947.	12320.	10032.	29050.	23655.	0.81
TURKEYS	284.	1181.	1159.	4821.	1062.	4418.	2505.	10421.	4.16
TOTAL		17074.		69818.		63984.		150876.	
INCOME	-155285.	0.	-282144.	0.	357283.	0.	-80146.	0.	0.0
LABOR	214884.	0.	572207.	0.	324815.	0.	1111907.	0.	0.0
TOTAL OPCAP LIVE	310926.	0.	1348731.	0.	1056878.	0.	2716535.	0.	0.0
TOTAL OPCAP CROP	512618.	0.	774057.	0.	619055.	0.	1905731.	0.	0.0
TOTAL OPCAP	823545.	0.	2122788.	0.	1675933.	0.	4622266.	0.	0.0
TOTAL GRAIN FOR SALE		1099957.		1555645.		1452960.		4108562.	
TOTAL CROP PROD.		1911646.		4608652.		2702337.		9222635.	
TOTAL LVSTK. PROD		668714.		2904300.		2702969.		6275983.	
TOTAL PRODUCTION		2580361.		7512952.		5405306.		15498618.	

Table 94

CROP DISTRICT 14

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	519502.	374042.	386914.	278578.	906416.	652620.	0.72
TOTAL		0.		374042.		278578.		652620.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHEL'S)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	310462.	447065.	477352.	687387.	277753.	399964.	1065567.	1534416.	1.44
OATS FOR FEED BUS.	451107.	252620.	693601.	388416.	403580.	226005.	1548288.	867041.	0.56
BARLEY FOR FEED BUS.	432478.	311384.	145457.	104729.	0.	0.	577935.	416113.	0.72
TOTAL		1011069.		1180532.		625969.		2817570.	
WHEAT BUSHEL'S	310462.	447065.	477352.	687387.	277753.	399964.	1065567.	1534415.	1.44
OATS BUSHEL'S	451107.	252620.	693601.	388416.	403580.	226005.	1548288.	867041.	0.56
BARLEY BUSHEL'S	432478.	311384.	664959.	478770.	386914.	278578.	1484351.	1068732.	0.72
TOTAL		1011069.		1554573.		904547.		3470189.	
FLAX BUSHEL'S	42291.	87542.	65025.	134602.	37836.	78321.	145152.	300465.	2.07
RAPESEED BUSHEL'S	136055.	269389.	209192.	414200.	182581.	361510.	527828.	1045099.	1.98
RYE BUSHEL'S	2459.	1475.	3780.	2268.	2200.	1320.	8439.	5063.	0.60
SUNFLOWERS LBS.	91778.	5507.	141114.	8467.	82108.	4926.	315000.	18900.	0.06
POTATOES CWT.	1792.	3279.	2755.	5042.	1603.	2933.	6150.	11254.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		367192.		564578.		449011.		1380781.	
VEAL CALVES	7310.	1130150.	6511.	1006671.	6055.	936103.	19877.	3072922.	154.60
STOCKER CALVES	1231.	268631.	10705.	2336265.	5443.	1187933.	17378.	3792828.	218.25
TOTAL CALVES	8541.	0.	17216.	0.	11498.	0.	0.	0.	0.0
STOCKER CATTLE	3894.	138003.	8041.	284986.	5443.	192900.	17378.	615889.	35.44
FED BEEF	2802.	340135.	5649.	685232.	3772.	457883.	12223.	1483749.	121.39
TOTAL		1876919.		4313655.		2774820.		8965393.	
WEANLING HOGS	3748.	51498.	7555.	103806.	5046.	69332.	16349.	224635.	13.74
MARKET HOGS	5000.	104800.	10078.	211235.	6731.	141082.	21809.	457116.	20.96
TOTAL		156297.		315040.		210414.		681751.	
FLUID MILK LBS.	549207.	41520.	1107011.	83690.	739340.	55894.	2395558.	181104.	0.08
MANF. MILK LBS.	4519663.	229599.	9110094.	462793.	6084346.	309085.	19714103.	1001476.	0.05
TOTAL		271119.		546483.		364979.		1182581.	
EGGS DOZ.	107477.	21173.	216637.	42677.	217028.	42754.	541142.	106605.	0.20
BROILERS	12960.	10553.	26124.	21273.	17448.	14208.	56532.	46034.	0.81
TURKEYS	2406.	10009.	4848.	20168.	3238.	13470.	10492.	43647.	4.16
TOTAL		41735.		84118.		70432.		196286.	
INCOME	-440668.	0.	315224.	0.	446191.	0.	320747.	0.	0.0
LABOR	372616.	0.	622196.	0.	302619.	0.	1297432.	0.	0.0
TOTAL OPCAP LIVE	1132809.	0.	2286533.	0.	1274179.	0.	4693521.	0.	0.0
TOTAL OPCAP CROP	127109.	0.	370199.	0.	273357.	0.	770664.	0.	0.0
TOTAL OPCAP	1259918.	0.	2656732.	0.	1547536.	0.	5464185.	0.	0.0
TOTAL GRAIN FOR SALE		0.		374042.		278578.		652620.	
TOTAL CROP PROD.		1378262.		2119152.		1353558.		4850971.	
TOTAL LVSTK. PROD		2346070.		5259296.		3420644.		11026011.	
TOTAL PRODUCTION		3724332.		7378448.		4774202.		15876981.	

Table 95

COMMODITY		FARM SIZE 1 NUMBER \$ VALUE		FARM SIZE 2 NUMBER \$ VALUE		FARM SIZE 3 NUMBER \$ VALUE		CROP DISTRICT NUMBER \$ VALUE		UNIT PRICE
WHEAT FOR SALE BUS.		4236803.	6100994.	12947912.	18644976.	19554704.	28158752.	36739420.	52904720.	1.44
OATS FOR SALE BUS.		923889.	517378.	0.	0.	4429263.	2480387.	5353152.	2997764.	0.56
BARLEY FOR SALE BUS.		4901157.	3528833.	6191949.	4458202.	16367608.	11784676.	27460714.	19771696.	0.72
TOTAL			10147205.		23103191.		42423830.		75674227.	
WHEAT FOR SALE		68096.	98058.	403558.	581124.	0.	0.	471654.	679182.	1.44
OATS AS FEED		0.	0.	327401.	183345.	1372733.	768730.	1700134.	952075.	0.56
BARLEY (BUSHEL)		0.	0.	31208.	22470.	0.	0.	31208.	22470.	0.72
TOTAL			98058.		786938.		768730.		1653726.	
WHEAT FOR FEED BUS.		3490752.	5026681.	7334625.	10561856.	8619458.	12412015.	19444834.	28000544.	1.44
OATS FOR FEED BUS.		6708140.	3756557.	18435181.	10323700.	16640924.	9318916.	41784245.	23399168.	0.56
BARLEY FOR FEED BUS.		3318066.	2389007.	16094299.	11587894.	8259311.	5943823.	27667675.	19920720.	0.72
TOTAL			11172246.		32473452.		27674755.		71320453.	
WHEAT BUSHELS		7795650.	11225732.	20686088.	29787952.	28174156.	40570768.	56655894.	81584448.	1.44
OATS BUSHELS		7632028.	4273935.	18762576.	10507041.	22442917.	12568032.	48837521.	27349008.	0.56
BARLEY BUSHELS		8219223.	5917840.	22317448.	16088261.	24622914.	17728496.	55159585.	39714896.	0.72
TOTAL			21417509.		56363561.		70867302.		148648371.	
FLAX BUSHELS		593056.	1227625.	1686474.	3491001.	1952394.	4041455.	4231925.	8760081.	2.07
RAPESEED BUSHELS		1834937.	3633173.	5166467.	10229602.	5174864.	10246229.	12176268.	24108992.	1.98
RYE BUSHELS		289736.	173842.	899017.	539410.	919578.	551747.	2109330.	1264997.	0.60
SUNFLOWERS LBS.		14299601.	857976.	48119176.	2887150.	76961394.	4617683.	139380170.	8362809.	0.06
POTATOES CWT.		557310.	1019877.	1612962.	2951719.	2731422.	4998501.	4901693.	8970096.	1.83
SUGAR BEETS TONS		54758.	875033.	149785.	2393563.	247002.	3947020.	451545.	7215685.	15.98
TOTAL			7787526.		22492448.		28402708.		58682682.	
VEAL CALVES		32865.	5080919.	84182.	13014613.	48222.	7455071.	165269.	25550576.	154.60
STOCKER CALVES		6899.	1505716.	60564.	13218192.	162841.	35540048.	230305.	50263952.	218.25
TOTAL CALVES		39764.	0.	144747.	0.	211063.	0.	0.	0.	0.0
STOCKER CATTLE		21231.	752421.	80914.	2867602.	128159.	4541966.	230305.	8161988.	35.44
FED BEEF		20304.	2464701.	81781.	9927390.	130841.	15882782.	232926.	28274864.	121.39
TOTAL			9803759.		39027799.		63419880.		112251438.	
WEANLING HOGS		110456.	1517664.	455194.	6254363.	981073.	13479938.	1546723.	21251952.	13.74
MARKET HOGS		116202.	2435591.	481195.	10085840.	949326.	19897856.	1546722.	32419280.	20.96
TOTAL			3953257.		16340205.		33377796.		53671258.	
FLUID MILK LBS.		23802484.	1799467.	69980147.	5290496.	168817385.	12762588.	262600016.	19852544.	0.08
MANF. MILK LBS.		39486755.	2005927.	138933987.	7057846.	265916543.	13508560.	444337285.	22572320.	0.05
TOTAL			3805394.		12348343.		26271149.		42424887.	
EGGS DOZ.		5307067.	1045492.	18198043.	3585013.	43902068.	8648705.	67407178.	13279210.	0.20
BROILERS		594773.	484323.	1994073.	1623773.	5262747.	4285454.	7851592.	6393550.	0.81
TURKEYS		148502.	617268.	433068.	1801562.	984428.	4095219.	1565998.	6514549.	4.16
TOTAL			2147584.		7010349.		17029379.		26187313.	
INCOME		-6951642.	0.	-12118537.	0.	5297671.	0.	-13772507.	0.	0.0
LABOR		4801710.	0.	12736119.	0.	15364154.	0.	32901983.	0.	0.0
TOTAL OPCAP LIVE		9403262.	0.	34830383.	0.	52934948.	0.	97168593.	0.	0.0
TOTAL OPCAP CROP		6280172.	0.	14768608.	0.	24381786.	0.	45430566.	0.	0.0
TOTAL OPCAP		15683434.	0.	49598991.	0.	77316734.	0.	142599159.	0.	0.0
TOTAL GRAIN FOR SALE			10245264.		23890129.		43192561.		77327953.	
TOTAL CROP PROD.			29205035.		78956009.		99270009.		207331052.	
TOTAL LVSTK. PROD			19709994.		74726697.		140098205.		234534895.	
TOTAL PRODUCTION			48915028.		153582705.		239368214.		441865948.	

Table 96

INTERLAKE REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	34998.	50397.	0.	0.	34998.	50397.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	704539.	507268.	0.	0.	704539.	507268.	0.72
TOTAL		0.		557665.		0.		557665.	
WHEAT FOR SALE BUS.	68096.	98058.	25828.	37192.	0.	0.	93924.	135250.	1.44
OATS AS FEED BUS.	0.	0.	0.	0.	858417.	480713.	858417.	480713.	0.56
BARLEY (BUSHEL) BUS.	0.	0.	1997.	1438.	0.	0.	1997.	1438.	0.72
TOTAL		98058.		38630.		480713.		617402.	
WHEAT FOR FEED BUS.	631266.	909023.	1027278.	1479279.	1271443.	1830877.	2929987.	4219179.	1.44
OATS FOR FEED BUS.	1161911.	650670.	1594329.	892824.	882782.	494358.	3639021.	2037850.	0.56
BARLEY FOR FEED BUS.	1059362.	762741.	745524.	336777.	1559999.	1123199.	3364885.	2422716.	0.72
TOTAL		2322434.		2908880.		3448435.		8679749.	
WHEAT BUSHEL	699362.	1007082.	1088103.	1566867.	1271443.	1830877.	3058908.	4404825.	1.44
OATS BUSHEL	1161911.	650670.	1594329.	892824.	1741199.	975071.	4497438.	2518564.	0.56
BARLEY BUSHEL	1059362.	762741.	1452060.	1045483.	1559998.	1123198.	4071420.	2931521.	0.72
TOTAL		2420492.		3505175.		3929147.		9854813.	
FLAX BUSHEL	93128.	192776.	124813.	258363.	106762.	220998.	324704.	672137.	2.07
RAPESEED BUSHEL	59018.	116855.	85231.	168756.	72266.	143087.	216515.	428699.	1.98
RYE BUSHEL	15073.	9044.	19884.	11931.	13965.	8379.	48923.	29354.	0.60
SUNFLOWERS LBS.	126058.	7563.	177507.	10650.	264752.	15885.	568317.	34099.	0.06
POTATOES CWT.	27135.	49657.	38528.	70506.	57111.	104514.	122774.	224677.	1.83
SUGAR BEETS TONS	1937.	30954.	2730.	43622.	4173.	66684.	8840.	141260.	15.98
TOTAL		406849.		563829.		559547.		1530226.	
VEAL CALVES	7512.	1161336.	9348.	1445266.	11829.	1828831.	28690.	4435433.	154.60
STOCKER CALVES	1678.	366291.	13450.	2935510.	15146.	3305690.	30275.	6607491.	218.25
TOTAL CALVES	9190.	0.	22799.	0.	26976.	0.	58965.	0.	0.0
STOCKER CATTLE	4479.	158748.	11238.	398273.	14558.	515920.	30275.	1072941.	35.44
FED BEEF	4073.	494436.	10359.	1257462.	14645.	1777778.	29077.	3529675.	121.39
TOTAL		2180811.		6036512.		7428220.		15645544.	
WEANLING HOGS	16775.	230490.	46580.	640016.	117611.	1615976.	180967.	2486482.	13.74
MARKET HOGS	15621.	327412.	42905.	892279.	101942.	2136711.	160468.	3363401.	20.96
TOTAL		557902.		1539295.		3752688.		5849885.	
FLUID MILK LBS.	7531329.	569368.	19749154.	1493035.	41331136.	3124632.	68611619.	5187035.	0.08
MANF. MILK LBS.	8345053.	423929.	21838585.	1109400.	39247328.	1993764.	69430966.	3527092.	0.05
TOTAL		993297.		2602436.		5118397.		8714129.	
EGGS DOZ.	643441.	126758.	1725864.	339995.	4121034.	811844.	6490339.	1278596.	0.20
BROILERS	43172.	35155.	122534.	99780.	382128.	311167.	547835.	446102.	0.81
TURKEYS	51217.	213064.	131907.	548733.	211344.	879191.	394468.	1640988.	4.16
TOTAL		374977.		988508.		2002202.		3365687.	
INCOME	-1014973.	0.	-481747.	0.	566866.	0.	-929855.	0.	0.0
LABOR	739145.	0.	1403049.	0.	1624499.	0.	3766693.	0.	0.0
TOTAL OPCAP LIVE	1924832.	0.	4964991.	0.	7158658.	0.	14048480.	0.	0.0
TOTAL OPCAP CROP	162727.	0.	456275.	0.	211050.	0.	830052.	0.	0.0
TOTAL OPCAP	2087559.	0.	5421266.	0.	7369708.	0.	14878532.	0.	0.0
TOTAL GRAIN FOR SALE		98058.		596295.		480713.		1175067.	
TOTAL CROP PROD.		2827341.		4069004.		4488694.		11385039.	
TOTAL LVSTK. PROD		4106988.		11166751.		18301507.		33575245.	
TOTAL PRODUCTION		6934329.		15235755.		22790201.		44960285.	

Table 97

COMMODITY		FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
		NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.		0.	0.	511845.	737057.	0.	0.	511845.	737057.	1.44
OATS FOR SALE BUS.		0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.		0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.	0.	511845.	737057.	0.	0.	511845.	737057.	
WHEAT FOR SALE		0.	0.	377730.	543932.	0.	0.	377730.	543932.	1.44
OATS AS FEED		0.	0.	0.	0.	514316.	288017.	514316.	288017.	0.56
BARLEY (BUSHELS)		0.	0.	29210.	21031.	0.	0.	29210.	21031.	0.72
TOTAL		0.	0.	396940.	564963.	514316.	288017.	886056.	852980.	
WHEAT FOR FEED BUS.		1124406.	1619144.	563756.	811808.	2226766.	3206542.	3914928.	5637493.	1.44
OATS FOR FEED BUS.		1632453.	914174.	1987388.	1112937.	2460875.	1378089.	6080716.	3405199.	0.56
BARLEY FOR FEED BUS.		915153.	658910.	1171738.	843651.	1850371.	1332267.	3937262.	2834828.	0.72
TOTAL		3172012.	3192228.	8796682.	2768396.	6537912.	5916900.	14024406.	11877524.	
WHEAT BUSHELS		1124406.	1619144.	1453331.	2092795.	2226766.	3206541.	4804503.	6918480.	1.44
OATS BUSHELS		1632452.	914173.	1987387.	1112936.	2975191.	1666106.	6595030.	3693215.	0.56
BARLEY BUSHELS		915153.	658910.	1200947.	864682.	1850370.	1332266.	3966470.	2855557.	0.72
TOTAL		3172011.	3192228.	4732665.	4070414.	6952327.	6204915.	15766003.	13467557.	
FLAX BUSHELS		68666.	142140.	82526.	170828.	122896.	254394.	274088.	567362.	2.07
RAPESEED BUSHELS		62691.	124129.	78603.	155635.	122476.	242502.	263770.	522265.	1.98
RYE BUSHELS		15014.	9008.	15699.	9419.	21941.	13165.	52654.	31593.	0.60
SUNFLOWERS LBS.		965336.	57920.	1341275.	80476.	2108367.	126502.	4414978.	264899.	0.06
POTATOES CWT.		117553.	215122.	160832.	294322.	251488.	460222.	529872.	969666.	1.83
SUGAR BEETS TONS		16922.	270413.	23587.	376923.	37118.	593146.	77627.	1240481.	15.98
TOTAL		1386434.	818731.	3200863.	1067604.	4800160.	1689931.	11111111.	3596266.	
VEAL CALVES		3321.	513413.	2172.	335810.	7046.	1089269.	12539.	1938491.	154.60
STOCKER CALVES		814.	177633.	4666.	1018405.	15742.	3435735.	21222.	4631773.	218.25
TOTAL CALVES		4135.	0.	6838.	0.	22788.	0.	33761.	0.	0.0
STOCKER CATTLE		2411.	85433.	4594.	162821.	14217.	503865.	21222.	752119.	35.44
FED BEEF		2259.	274205.	4271.	518472.	12442.	1510311.	18972.	2302988.	121.39
TOTAL		1050684.		2035508.		6539181.		9625373.		
WEANLING HOGS		23217.	318999.	56159.	771618.	179079.	2460542.	258454.	3551159.	13.74
MARKET HOGS		23943.	501849.	58192.	1219712.	185840.	3895214.	267976.	5616274.	20.96
TOTAL		820848.		1991331.		6355758.		9167937.		
FLUID MILK LBS.		10763482.	813719.	23661687.	1788822.	73111596.	5527234.	107536766.	8129774.	0.08
MANF. MILK LBS.		10699015.	543510.	24619157.	1250653.	77263542.	3924987.	112581715.	5219149.	0.05
TOTAL		1357229.		3039476.		9452222.		13848927.		
EGGS DOZ.		2308523.	454779.	5117783.	1068203.	16500196.	3250537.	23926502.	4713519.	0.20
BROILERS		376647.	306704.	1014673.	826249.	3337902.	2718053.	4729223.	3851005.	0.81
TURKEYS		64197.	267058.	145374.	604755.	453795.	1887786.	663365.	2759599.	4.16
TOTAL		1028541.		2439207.		7856377.		11324125.		
INCOME		-2425734.	0.	-2602921.	0.	-1523730.	0.	-6552385.	0.	0.0
LABOR		947975.	0.	1483929.	0.	2761314.	0.	5193218.	0.	0.0
TOTAL OPCAP LIVE		2002967.	0.	4325510.	0.	11055195.	0.	17383673.	0.	0.0
TOTAL OPCAP CRDP		384165.	0.	824333.	0.	787354.	0.	1995852.	0.	0.0
TOTAL OPCAP		2387132.	0.	5149844.	0.	11842549.	0.	19379525.	0.	0.0
TOTAL GRAIN FOR SALE		0.		1302020.		288017.		1590037.		
TOTAL CROP PROD.		4010959.		5158018.		7894846.		17063923.		
TOTAL LVSTK. PROD.		4257303.		9505521.		30203538.		43966362.		
TOTAL PRODUCTION		8268261.		14663540.		38098384.		61030185.		

Table 98

CENTRAL REGION											
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE		
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE			
WHEAT FOR SALE BUS.	785588.	1131246.	2582945.	3719439.	9091773.	13092148.	12460306.	17942832.	1.44		
OATS FOR SALE BUS.	0.	0.	0.	0.	1703050.	953708.	1703050.	953708.	0.56		
BARLEY FOR SALE BUS.	1454613.	1047321.	2180026.	1569618.	8023294.	5776771.	11657932.	8393710.	0.72		
TOTAL		2178568.		5289058.		19822628.		27290254.			
WHEAT FOR SALE AS FEED BUS.	0.	0.	0.	0.	0.	0.	0.	0.	1.44		
OATS AS FEED BUS.	0.	0.	108042.	60504.	0.	0.	108042.	60504.	0.56		
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72		
TOTAL		0.		60504.		0.		60504.			
WHEAT FOR FEED BUS.	1084443.	1561597.	3635272.	5234789.	2502388.	3603437.	7222102.	10399823.	1.44		
OATS FOR FEED BUS.	1712057.	958752.	5553897.	3110182.	6840290.	3830561.	14106244.	7899494.	0.56		
BARLEY FOR FEED BUS.	419057.	301721.	4153173.	2990284.	1323418.	952851.	5895648.	4244854.	0.72		
TOTAL		2822070.		11335257.		8386860.		22544186.			
WHEAT BUSHELS	1870031.	2692843.	6218215.	8954226.	11594159.	16695584.	19682405.	28342640.	1.44		
OATS BUSHELS	1712057.	958752.	5661938.	3170685.	8543340.	4784269.	15917335.	8913705.	0.56		
BARLEY BUSHELS	1873670.	1349042.	6333198.	4559902.	9346711.	6729631.	17553579.	12638575.	0.72		
TOTAL		5000638.		16684814.		28209485.		49894938.			
FLAX BUSHELS	169896.	351684.	570208.	1180329.	846296.	1751831.	1586399.	3283843.	2.07		
RAPESEED BUSHELS	334295.	661905.	1349379.	2671769.	2013333.	3986398.	3697007.	7320071.	1.98		
RYE BUSHELS	46599.	27959.	146226.	87735.	214454.	128672.	407279.	244367.	0.60		
SUNFLOWERS LBS.	10387684.	623261.	35777083.	2146624.	59295587.	3557735.	105460354.	6327619.	0.06		
POTATOES CWT.	321375.	588117.	1102735.	2018004.	1882109.	3444258.	3306219.	6050378.	1.83		
SUGAR BEETS TONS	35844.	522793.	123281.	1970026.	205365.	3281726.	364490.	5824545.	15.98		
TOTAL		2825720.		10074490.		16150622.		29050832.			
VEAL CALVES	4788.	740167.	15585.	2409483.	9185.	1419992.	29558.	4569642.	154.60		
STOCKER CALVES	993.	216783.	9501.	2073693.	41768.	9115842.	52263.	11406317.	218.25		
TOTAL CALVES	5781.	0.	25087.	0.	50953.	0.	81820.	0.	0.0		
STOCKER CATTLE	3450.	122271.	16121.	571340.	32691.	1158575.	52263.	1852186.	35.44		
FED BEEF	3912.	474832.	19520.	2369486.	41561.	5045043.	64992.	7889360.	121.39		
TOTAL		1554053.		7424003.		16739453.		25717509.			
WEANLING HOGS	30435.	418174.	157291.	2161175.	400082.	5497133.	587808.	8076482.	13.74		
MARKET HOGS	31449.	659162.	163181.	3420278.	372910.	7816182.	567539.	11895621.	20.96		
TOTAL		1077336.		5581455.		13313316.		19972106.			
FLUID MILK LBS.	3588112.	271261.	17423898.	1317246.	42228022.	3192437.	63240033.	4780944.	0.08		
MANF. MILK LBS.	6918878.	351479.	33496151.	1701604.	73340633.	3225704.	113759662.	5728286.	0.05		
TOTAL		622740.		3018851.		6918141.		10559732.			
EGGS DOZ.	1494349.	294387.	7203836.	1419155.	17261815.	3400577.	25960001.	5114118.	0.20		
BROILERS	83317.	67845.	441380.	359416.	919165.	748476.	1443862.	1175736.	0.81		
TURKEYS	18060.	75128.	84141.	350028.	210912.	872393.	313113.	1302548.	4.16		
TOTAL		437360.		2128599.		5026446.		7592405.			
INCOME	-1491641.	0.	-3895907.	0.	-979833.	0.	-6367381.	0.	0.0		
LABOR	1099265.	0.	3650791.	0.	5750081.	0.	10500137.	0.	0.0		
TOTAL OPCAP LIVE	1706704.	0.	8253482.	0.	15786336.	0.	25746521.	0.	0.0		
TOTAL OPCAP CROP	2112418.	0.	5933739.	0.	14222625.	0.	22268782.	0.	0.0		
TOTAL OPCAP	3819122.	0.	14187220.	0.	30008961.	0.	48015303.	0.	0.0		
TOTAL GRAIN FOR SALE		2178568.		5349561.		19822628.		27350758.			
TOTAL CROP PROD.		7826357.		26759304.		44360108.		78945770.			
TOTAL LVSTK. PROD		3691488.		18152907.		41997357.		63841752.			
TOTAL PRODUCTION		11917846.		44912212.		86357464.		142787522.			

Table 99

SOUTH WEST REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	1858143.	2675725.	7547396.	10868247.	8253545.	11885100.	17659084.	25429072.	1.44
OATS FOR SALE BUS.	792810.	443973.	0.	0.	2096507.	1174043.	2889317.	1618016.	0.56
BARLEY FOR SALE BUS.	1613546.	1161753.	1419380.	1021953.	5647849.	4066450.	8680774.	6250156.	0.72
TOTAL		4281452.		11890200.		17125595.		33297248.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	189893.	106340.	0.	0.	189893.	106340.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		106340.		0.		106340.	
WHEAT FOR FEED BUS.	369691.	532355.	191169.	275283.	2085225.	3002723.	2646085.	3810361.	1.44
OATS FOR FEED BUS.	882409.	494149.	6231935.	3489883.	4927034.	2759138.	12041378.	6743170.	0.56
BARLEY FOR FEED BUS.	556848.	400931.	6996481.	5037466.	3093150.	2227067.	10646480.	7555463.	0.72
TOTAL		1427435.		8802633.		7988930.		18218998.	
WHEAT BUSHELS	2227834.	3208080.	7738563.	11143526.	10338768.	14887821.	20305164.	29239424.	1.44
OATS BUSHELS	1675219.	938123.	6421824.	3596221.	7023538.	3933180.	15120581.	8467523.	0.56
BARLEY BUSHELS	2170395.	1562684.	8415858.	6059417.	8740997.	6293517.	19327249.	13915618.	0.72
TOTAL		5708887.		20799165.		25114519.		51622572.	
FLAX BUSHELS	155003.	320856.	693453.	1435447.	738506.	1528706.	1586962.	3285009.	2.07
RAPESEED BUSHELS	454886.	900674.	1593832.	3155785.	1638476.	3244182.	3687194.	7306641.	1.98
RYE BUSHELS	119394.	71636.	493501.	296101.	532653.	319592.	1145548.	687329.	0.60
SUNFLOWERS LBS.	2630726.	157844.	10447745.	626865.	15038608.	902316.	28117079.	1687024.	0.06
POTATOES CWT.	86024.	157424.	300246.	549451.	534298.	977765.	920568.	1684639.	1.83
SUGAR BEETS TONS	55.	873.	187.	2991.	346.	5534.	588.	9390.	15.98
TOTAL		1609306.		6066641.		6978097.		14654044.	
VEAL CALVES	6168.	953607.	41375.	6396584.	7780.	1202759.	55323.	8552949.	154.60
STOCKER CALVES	1952.	425978.	11903.	2597805.	70058.	15290156.	83913.	18313936.	218.25
TOTAL CALVES	8120.	0.	53278.	0.	77838.	0.	139236.	0.	0.0
STOCKER CATTLE	4683.	165973.	29639.	1050417.	49590.	1757473.	83913.	2973862.	35.44
FED BEEF	4662.	565884.	30434.	3694338.	46459.	5639672.	81554.	9899223.	121.39
TOTAL		2111441.		13739146.		23890062.		39740649.	
WEANLING HOGS	19018.	261302.	119268.	1638748.	205361.	2821665.	343647.	4721714.	13.74
MARKET HOGS	20165.	422669.	126503.	2651497.	202364.	4241547.	349032.	7315712.	20.96
TOTAL		683970.		4290245.		7063214.		12037430.	
FLUID MILK LBS.	819580.	61960.	5634220.	425947.	8908764.	673502.	15362564.	1161409.	0.08
MANF. MILK LBS.	5384183.	273517.	33814824.	1717792.	53244386.	2704814.	92443394.	4626123.	0.05
TOTAL		335477.		2143740.		3378317.		5857534.	
EGGS DOZ.	480122.	94584.	2834041.	558306.	4682045.	922363.	7996208.	1575252.	0.20
BROILERS	62074.	50547.	317780.	258768.	522842.	425750.	902696.	735065.	0.81
TURKEYS	7910.	32904.	47867.	199125.	85818.	357003.	141594.	589032.	4.16
TOTAL		178034.		1016199.		1705116.		2899350.	
INCOME	-1213740.	0.	-4544834.	0.	5160649.	0.	-597925.	0.	0.0
LABOR	974389.	0.	3781016.	0.	3785439.	0.	8540844.	0.	0.0
TOTAL OPCAP LIVE	1600003.	0.	10337383.	0.	13436272.	0.	25373658.	0.	0.0
TOTAL OPCAP CROP	1892213.	0.	5050572.	0.	6836427.	0.	13779212.	0.	0.0
TOTAL OPCAP	3492216.	0.	15387955.	0.	20272699.	0.	39152871.	0.	0.0
TOTAL GRAIN FOR SALE		4281452.		11996540.		17125595.		33403588.	
TOTAL CROP PROD.		7318194.		26865806.		32092616.		66276616.	
TOTAL LIVSTK. PROD		3308923.		21189330.		36036710.		60534962.	
TOTAL PRODUCTION		10627116.		48055137.		68129326.		126811578.	

Table 100

NORTH WEST REGION										
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE	
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE		
WHEAT FOR SALE BUS.	1593071.	2294021.	2270728.	3269847.	2209387.	3181515.	6073185.	8745383.	1.44	
OATS FOR SALE BUS.	131079.	73404.	0.	0.	629706.	352635.	760785.	426039.	0.56	
BARLEY FOR SALE BUS.	1832998.	1319758.	1888005.	1359363.	2696465.	1941454.	6417468.	4620575.	0.72	
TOTAL		3687185.		4629210.		5475606.		13792001.		
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44	
OATS AS FEED	0.	0.	29466.	16501.	0.	0.	29466.	16501.	0.56	
BARLEY (BUSHEL) TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	0.72	
WHEAT FOR FEED BUS.	280945.	404561.	1917151.	2760696.	533635.	768433.	2731730.	3933689.	1.44	
OATS FOR FEED BUS.	1319310.	738813.	3067632.	1717873.	1529943.	856768.	5916884.	3313453.	0.56	
BARLEY FOR FEED BUS.	367645.	264705.	3027381.	2129714.	428373.	308428.	3823400.	2352846.	0.72	
TOTAL		1408079.		6658284.		1933630.		9999993.		
WHEAT BUSHEL	1874016.	2698582.	4187876.	6030539.	2743020.	3949946.	8804912.	12679067.	1.44	
OATS BUSHEL	1450389.	812218.	3097097.	1734374.	1596649.	1209403.	6707135.	3755994.	0.56	
BARLEY BUSHEL	2200644.	1584463.	4915385.	3539076.	3124837.	2249882.	10240866.	7273421.	0.72	
TOTAL		5095263.		11303991.		7409233.		23808487.		
FLAX BUSHEL	106362.	220170.	215475.	446033.	137935.	285526.	459772.	951729.	2.07	
RAPSEED BUSHEL	924046.	1829610.	2059423.	4077656.	1328313.	2630059.	4311782.	8537325.	1.98	
RYE BUSHEL	93656.	56194.	223707.	134224.	136563.	81938.	453926.	272355.	0.60	
SUNFLOWERS LBS.	189797.	11388.	375566.	22534.	254078.	15245.	819441.	49166.	0.06	
POTATOES CWT.	5223.	9558.	10621.	19436.	6416.	11742.	22260.	40735.	1.83	
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98	
TOTAL		2126919.		4699883.		3024509.		9851312.		
VEAL CALVES	11076.	1712396.	15702.	2427469.	12382.	1914218.	39160.	6054083.	154.60	
STOCKER CALVES	1462.	319032.	21044.	4592777.	20127.	4392633.	42632.	9304441.	218.25	
TOTAL CALVES	12538.	0.	36745.	0.	32508.	0.	81792.	0.	0.0	
STOCKER CATTLE	6208.	219995.	19321.	684751.	17103.	606132.	42632.	1510878.	35.44	
FED BEEF	5399.	655345.	17198.	2087630.	15734.	1909977.	38331.	4652952.	121.39	
TOTAL		2906769.		9792629.		8822961.		21522359.		
WEANLING HOGS	21012.	288699.	75896.	1042806.	78939.	1084620.	175846.	2416124.	13.74	
MARKET HOGS	25024.	524501.	90414.	1895072.	86269.	1808200.	201707.	4227772.	20.96	
TOTAL		813200.		2937879.		2892821.		6643899.		
FLUID MILK LBS.	1099980.	83158.	3511187.	265446.	3237860.	244782.	7849027.	593386.	0.08	
MANF. MILK LBS.	8139625.	413493.	25165265.	1278322.	22820644.	1159288.	56125534.	2851175.	0.05	
TOTAL		496651.		1543841.		1404071.		3444563.		
EGGS DOZ.	380632.	74984.	1316518.	259354.	1336976.	263384.	3034126.	597723.	0.20	
BROILERS	29562.	24072.	97705.	79561.	100709.	82008.	227977.	185641.	0.81	
TURKEYS	7119.	29615.	23779.	98921.	22559.	93845.	53457.	222380.	4.16	
TOTAL		128671.		437836.		439237.		1005745.		
INCOME	-805553.	0.	-593126.	0.	2073718.	0.	675038.	0.	0.0	
LABOR	1040936.	0.	2417334.	0.	1442819.	0.	4901089.	0.	0.0	
TOTAL OPCAP LIVE	2168756.	0.	6949017.	0.	5498485.	0.	14616258.	0.	0.0	
TOTAL OPCAP CROP	1728649.	0.	2503688.	0.	2324330.	0.	6556666.	0.	0.0	
TOTAL OPCAP	3897405.	0.	9452704.	0.	7822815.	0.	21172924.	0.	0.0	
TOTAL GRAIN FOR SALE		3687185.		4645711.		5475606.		13808502.		
TOTAL CROP PROD.		7222183.		16003874.		10433742.		33659799.		
TOTAL LVSTK. PROD		4345292.		14712185.		13559089.		32616566.		
TOTAL PRODUCTION		11567475.		30716059.		23992832.		66276365.		

Table 101

INTERLAKE REGION									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	28.	41.	0.	0.	8.	11.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	566.	408.	0.	0.	158.	114.	0.72
TOTAL	0.	0.	566.	448.	0.	0.	158.	125.	
WHEAT FOR SALE	25.	36.	21.	30.	0.	0.	21.	30.	1.44
OATS AS FEED	0.	0.	0.	0.	1850.	1036.	193.	108.	0.56
BARLEY (BUSHELS)	0.	0.	2.	1.	0.	0.	0.	0.	0.72
TOTAL	25.	36.	23.	31.	1850.	1036.	193.	139.	
WHEAT FOR FEED BUS.	230.	332.	826.	1189.	2740.	3946.	658.	948.	1.44
OATS FOR FEED BUS.	424.	237.	1282.	718.	1903.	1065.	818.	458.	0.56
BARLEY FOR FEED BUS.	386.	278.	599.	431.	3362.	2421.	756.	544.	0.72
TOTAL	1040.	847.	2407.	2338.	7005.	7432.	2272.	1951.	
WHEAT BUSHELS	255.	367.	875.	1260.	2740.	3946.	687.	990.	1.44
OATS BUSHELS	424.	237.	1282.	718.	3753.	2101.	1011.	566.	0.56
BARLEY BUSHELS	386.	278.	1167.	840.	3362.	2421.	915.	659.	0.72
TOTAL	1065.	883.	3324.	2818.	10455.	8468.	2613.	2215.	
FLAX BUSHELS	34.	70.	100.	208.	230.	476.	73.	151.	2.07
RAPESEED BUSHELS	22.	43.	69.	136.	156.	308.	49.	96.	1.98
RYE BUSHELS	5.	3.	16.	10.	30.	18.	11.	7.	0.60
SUNFLOWERS LBS.	46.	3.	143.	9.	571.	34.	128.	8.	0.06
POTATOES CWT.	10.	18.	31.	57.	123.	225.	28.	50.	1.83
SUGAR BEETS TONS	1.	11.	2.	35.	9.	144.	2.	32.	15.98
TOTAL	118.	148.	453.	453.	1206.	1206.	344.	344.	
VEAL CALVES	3.	424.	8.	1162.	25.	3941.	6.	997.	154.60
STOCKER CALVES	1.	134.	11.	2360.	33.	7124.	7.	1485.	218.25
TOTAL CALVES	3.	0.	18.	0.	58.	0.	13.	0.	0.0
STOCKER CATTLE	2.	58.	9.	320.	31.	1112.	7.	241.	35.44
FED BEEF	1.	180.	8.	1011.	32.	3831.	7.	232.	121.39
TOTAL	795.	795.	4853.	4853.	16009.	16009.	3516.	3516.	
WEANLING HOGS	6.	84.	37.	514.	253.	3483.	41.	559.	13.74
MARKET HOGS	6.	119.	34.	723.	220.	4605.	36.	756.	20.96
TOTAL	203.	203.	1237.	1237.	8088.	8088.	1315.	1315.	
FLUID MILK LBS.	2747.	208.	15876.	1200.	89076.	6734.	15418.	1166.	0.08
MANF. MILK LBS.	3043.	155.	17555.	892.	84585.	4297.	15602.	793.	0.05
TOTAL	362.	362.	2092.	2092.	11031.	11031.	1958.	1958.	
EGGS DOZ.	235.	46.	1387.	273.	8882.	1750.	1459.	287.	0.20
BROILERS	16.	13.	99.	80.	824.	671.	123.	100.	0.81
TURKEYS	19.	78.	106.	441.	455.	1895.	89.	369.	4.16
TOTAL	137.	137.	795.	795.	4315.	4315.	756.	756.	
INCOME	-370.	0.	-387.	0.	1222.	0.	-209.	0.	0.0
LABOR	270.	0.	1128.	0.	3501.	0.	846.	0.	0.0
TOTAL OPCAP LIVE	702.	0.	3991.	0.	15428.	0.	3157.	0.	0.0
TOTAL OPCAP CROP	59.	0.	367.	0.	455.	0.	187.	0.	0.0
TOTAL OPCAP	761.	0.	4358.	0.	15883.	0.	3343.	0.	0.0
TOTAL GRAIN FOR SALE	36.	36.	479.	479.	1036.	1036.	264.	264.	
TOTAL CROP PROD.	1031.	1031.	3271.	3271.	9674.	9674.	2558.	2558.	
TOTAL LVSTK. PROD	1498.	1498.	8976.	8976.	39443.	39443.	7545.	7545.	
TOTAL PRODUCTION	2529.	2529.	12247.	12247.	49117.	49117.	10103.	10103.	

Table 102

EASTERN REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	382.	550.	0.	0.	88.	127.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		550.		0.		127.	
WHEAT FOR SALE	0.	0.	282.	406.	0.	0.	65.	94.	1.44
OATS AS FEED	0.	0.	0.	0.	673.	377.	88.	50.	0.56
BARLEY (BUSHEL)	0.	0.	22.	16.	0.	0.	5.	4.	0.72
TOTAL		0.		421.		377.		147.	
WHEAT FOR FEED BUS.	303.	436.	420.	605.	2915.	4197.	673.	969.	1.44
OATS FOR FEED BUS.	440.	246.	1482.	830.	3221.	1804.	1045.	585.	0.56
BARLEY FOR FEED BUS.	247.	178.	874.	629.	2422.	1744.	677.	487.	0.72
TOTAL		860.		2064.		7745.		2042.	
WHEAT BUSHEL	303.	436.	1084.	1561.	2915.	4197.	826.	1189.	1.44
OATS BUSHEL	440.	246.	1482.	830.	3894.	2181.	1134.	635.	0.56
BARLEY BUSHEL	247.	178.	896.	645.	2422.	1744.	682.	491.	0.72
TOTAL		860.		3035.		8122.		2315.	
FLAX BUSHEL	18.	38.	62.	127.	161.	333.	47.	98.	2.07
RAPESEED BUSHEL	17.	33.	59.	116.	160.	317.	45.	90.	1.98
RYE BUSHEL	4.	2.	12.	7.	29.	17.	9.	5.	0.60
SUNFLOWERS LBS.	260.	16.	1000.	60.	2760.	166.	759.	46.	0.06
POTATOES CWT.	32.	58.	120.	219.	329.	602.	91.	167.	1.83
SUGAR BEETS TONS	5.	73.	18.	281.	49.	776.	13.	213.	15.98
TOTAL		221.		811.		2212.		618.	
VEAL CALVES	1.	138.	2.	250.	9.	1426.	2.	333.	154.60
STOCKER CALVES	0.	48.	3.	759.	21.	4497.	4.	796.	218.25
TOTAL CALVES	1.	0.	5.	0.	30.	0.	6.	0.	0.0
STOCKER CATTLE	1.	23.	3.	121.	19.	660.	4.	129.	35.44
FED BEEF	1.	74.	3.	387.	16.	1977.	3.	396.	121.39
TOTAL		283.		1518.		8559.		1655.	
WEANLING HOGS	6.	86.	42.	575.	234.	3221.	44.	610.	13.74
MARKET HOGS	6.	135.	43.	910.	243.	5098.	46.	966.	20.96
TOTAL		221.		1485.		8319.		1576.	
FLUID MILK LBS.	2900.	219.	17645.	1334.	95696.	7235.	18487.	1398.	0.08
MANF. MILK LBS.	2882.	146.	18359.	932.	101130.	5137.	19354.	923.	0.05
TOTAL		366.		2267.		12372.		2381.	
EGGS DOZ.	622.	123.	3816.	752.	21597.	4255.	4113.	810.	0.20
BROILERS	101.	83.	757.	616.	4369.	3558.	813.	662.	0.81
TURKEYS	17.	72.	108.	451.	594.	2471.	114.	474.	4.16
TOTAL		277.		1819.		10283.		1947.	
INCOME	-653.	0.	-1941.	0.	-1994.	0.	-1126.	0.	0.0
LABOR	255.	0.	1107.	0.	3614.	0.	893.	0.	0.0
TOTAL OPCAP LIVE	540.	0.	3226.	0.	14470.	0.	2988.	0.	0.0
TOTAL OPCAP CROP	103.	0.	615.	0.	1031.	0.	343.	0.	0.0
TOTAL OPCAP	643.	0.	3840.	0.	15501.	0.	3332.	0.	0.0
TOTAL GRAIN FOR SALE		0.		971.		377.		273.	
TOTAL CROP PROD.		1081.		3846.		10334.		2933.	
TOTAL LVSTK. PROD		1147.		7088.		39533.		7558.	
TOTAL PRODUCTION		2227.		10935.		49867.		10492.	

Table 103

CENTRAL REGION									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	226.	325.	678.	977.	5339.	7688.	1386.	1996.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	1000.	560.	189.	106.	0.56
BARLEY FOR SALE BUS.	418.	301.	572.	412.	4711.	3392.	1297.	934.	0.72
TOTAL		626.		1389.		11640.		3035.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	28.	16.	0.	0.	12.	7.	0.56
BARLEY (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		16.		0.		7.	
WHEAT FOR FEED BUS.	312.	449.	955.	1375.	1469.	2116.	803.	1157.	1.44
OATS FOR FEED BUS.	492.	276.	1458.	817.	4017.	2249.	1569.	879.	0.56
BARLEY FOR FEED BUS.	120.	87.	1091.	785.	777.	560.	656.	472.	0.72
TOTAL		811.		2977.		4925.		2507.	
WHEAT BUSHEL	537.	774.	1633.	2351.	6808.	9804.	2189.	3152.	1.44
OATS BUSHEL	492.	276.	1487.	833.	5017.	2809.	1770.	991.	0.56
BARLEY BUSHEL	538.	388.	1663.	1197.	5488.	3952.	1952.	1406.	0.72
TOTAL		1437.		4382.		16565.		5549.	
FLAX BUSHEL	49.	101.	150.	310.	497.	1029.	176.	365.	2.07
RAPESEED BUSHEL	96.	190.	354.	702.	1182.	2341.	411.	814.	1.98
RYE BUSHEL	13.	8.	38.	23.	126.	76.	45.	27.	0.60
SUNFLOWERS LBS.	2985.	179.	9395.	564.	34818.	2089.	11730.	704.	0.06
POTATOES CWT.	92.	169.	290.	530.	1105.	2022.	368.	673.	1.83
SUGAR BEETS TONS	10.	165.	32.	517.	121.	1927.	41.	648.	15.98
TOTAL		812.		2646.		9484.		3231.	
VEAL CALVES	1.	213.	4.	633.	5.	834.	3.	508.	154.60
STOCKER CALVES	0.	62.	2.	545.	25.	5353.	6.	1269.	218.25
TOTAL CALVES	2.	0.	7.	0.	30.	0.	9.	0.	0.0
STOCKER CATTLE	1.	35.	4.	150.	19.	680.	6.	206.	35.44
FED BEEF	1.	136.	5.	622.	24.	2962.	7.	877.	121.39
TOTAL		447.		1950.		9829.		2860.	
WEANLING HOGS	9.	120.	41.	568.	235.	3228.	65.	898.	13.74
MARKET HOGS	9.	189.	43.	898.	219.	4590.	63.	1323.	20.96
TOTAL		310.		1466.		7818.		2221.	
FLUID MILK LBS.	1031.	78.	4576.	346.	24796.	1875.	7034.	532.	0.08
MANF. MILK LBS.	1988.	101.	8796.	447.	43066.	2188.	12652.	643.	0.05
TOTAL		179.		793.		4062.		1174.	
EGGS DOZ.	429.	85.	1892.	373.	10136.	1997.	2887.	569.	0.20
BROILERS	24.	19.	116.	94.	540.	440.	161.	131.	0.81
TURKEYS	5.	22.	22.	92.	124.	515.	35.	145.	4.16
TOTAL		126.		559.		2952.		844.	
INCOME	-429.	0.	-1023.	0.	-575.	0.	-708.	0.	0.0
LABOR	316.	0.	959.	0.	3376.	0.	1168.	0.	0.0
TOTAL OPCAP LIVE	490.	0.	2167.	0.	9270.	0.	2864.	0.	0.0
TOTAL OPCAP CROP	607.	0.	1558.	0.	8352.	0.	2477.	0.	0.0
TOTAL OPCAP	1097.	0.	3726.	0.	17621.	0.	5340.	0.	0.0
TOTAL GRAIN FOR SALE		626.		1405.		11640.		3042.	
TOTAL CROP PROD.		2249.		7027.		26048.		8781.	
TOTAL LIVSTK. PROD		1061.		4767.		24661.		7101.	
TOTAL PRODUCTION		3310.		11794.		50709.		15881.	

Table 104

SOUTH WEST REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	592.	853.	1743.	2510.	5079.	7314.	1942.	2797.	1.44
OATS FOR SALE BUS.	253.	142.	0.	0.	1290.	722.	318.	178.	0.56
BARLEY FOR SALE BUS.	514.	370.	328.	236.	3476.	2502.	955.	687.	0.72
TOTAL		1365.		2746.		10539.		3662.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	44.	25.	0.	0.	21.	12.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		25.		0.		12.	
WHEAT FOR FEED BUS.	118.	170.	44.	64.	1283.	1848.	291.	419.	1.44
OATS FOR FEED BUS.	281.	158.	1439.	806.	3032.	1698.	1324.	742.	0.56
BARLEY FOR FEED BUS.	178.	128.	1616.	1163.	1903.	1371.	1171.	842.	0.72
TOTAL		455.		2033.		4916.		2004.	
WHEAT BUSHELS	710.	1023.	1787.	2574.	6362.	9162.	2233.	3216.	1.44
OATS BUSHELS	534.	299.	1483.	831.	4322.	2420.	1663.	931.	0.56
BARLEY BUSHELS	692.	498.	1944.	1399.	5379.	3873.	2126.	1531.	0.72
TOTAL		1820.		4804.		15455.		5678.	
FLAX BUSHELS	49.	102.	160.	332.	454.	941.	175.	361.	2.07
RAPESEED BUSHELS	145.	287.	368.	729.	1008.	1996.	406.	803.	1.98
RYE BUSHELS	38.	23.	114.	68.	328.	197.	126.	76.	0.60
SUNFLOWERS LBS.	839.	50.	2413.	145.	9255.	555.	3093.	186.	0.06
POTATOES CWT.	27.	50.	69.	127.	329.	602.	101.	185.	1.83
SUGAR BEETS TONS	0.	0.	0.	1.	0.	3.	0.	1.	15.98
TOTAL		513.		1401.		4294.		1612.	
VEAL CALVES	2.	304.	10.	1477.	5.	740.	6.	941.	154.60
STOCKER CALVES	1.	136.	3.	600.	43.	9409.	9.	2014.	218.25
TOTAL CALVES	3.	0.	12.	0.	48.	0.	15.	0.	0.0
STOCKER CATTLE	1.	53.	7.	243.	31.	1082.	9.	327.	35.44
FED BEEF	1.	180.	7.	853.	29.	3471.	9.	1089.	121.39
TOTAL		673.		3173.		14702.		4371.	
WEANLING HOGS	6.	83.	28.	378.	126.	1736.	38.	519.	13.74
MARKET HOGS	6.	135.	29.	612.	125.	2610.	38.	805.	20.96
TOTAL		218.		991.		4347.		1324.	
FLUID MILK LBS.	261.	20.	1301.	98.	5482.	414.	1690.	128.	0.08
MANF. MILK LBS.	1716.	87.	7809.	397.	32766.	1665.	10168.	517.	0.05
TOTAL		107.		495.		2079.		644.	
EGGS DOZ.	153.	30.	655.	129.	2881.	568.	879.	173.	0.20
BROILERS	20.	16.	73.	60.	322.	262.	99.	81.	0.81
TURKEYS	3.	10.	11.	46.	53.	220.	16.	65.	4.16
TOTAL		57.		235.		1049.		319.	
INCOME	-387.	0.	-1050.	0.	3176.	0.	-66.	0.	0.0
LABOR	311.	0.	873.	0.	2330.	0.	939.	0.	0.0
TOTAL OPCAP LIVE	510.	0.	2387.	0.	8268.	0.	2791.	0.	0.0
TOTAL OPCAP CROP	603.	0.	1166.	0.	4207.	0.	1516.	0.	0.0
TOTAL OPCAP	1113.	0.	3554.	0.	12476.	0.	4306.	0.	0.0
TOTAL GRAIN FOR SALE		1365.		2771.		10539.		3674.	
TOTAL CROP PROD.		2333.		6205.		19749.		7290.	
TOTAL LVSTK. PROD		1055.		4894.		22176.		6658.	
TOTAL PRODUCTION		3388.		11098.		41926.		13948.	

Table 105

NORTH WEST REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	465.	670.	900.	1296.	3425.	4933.	921.	1326.	1.44
OATS FOR SALE BUS.	38.	21.	0.	0.	976.	547.	115.	65.	0.56
BARLEY FOR SALE BUS.	535.	385.	748.	539.	4181.	3010.	973.	701.	0.72
TOTAL		1077.		1834.		8489.		2092.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	12.	7.	0.	0.	4.	3.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		7.		0.		3.	
WHEAT FOR FEED BUS.	82.	118.	760.	1094.	827.	1191.	414.	597.	1.44
OATS FOR FEED BUS.	385.	216.	1215.	681.	2372.	1328.	897.	502.	0.56
BARLEY FOR FEED BUS.	107.	77.	1199.	864.	664.	478.	580.	417.	0.72
TOTAL		411.		2638.		2998.		1517.	
WHEAT BUSHELS	547.	788.	1659.	2389.	4253.	6124.	1335.	1923.	1.44
OATS BUSHELS	423.	237.	1227.	687.	3348.	1875.	1017.	570.	0.56
BARLEY BUSHELS	643.	463.	1947.	1402.	4845.	3488.	1553.	1118.	0.72
TOTAL		1488.		4479.		11487.		3611.	
FLAX BUSHELS	31.	64.	85.	177.	214.	443.	70.	144.	2.07
RAPESEED BUSHELS	270.	534.	816.	1616.	2059.	4078.	654.	1295.	1.98
RYE BUSHELS	27.	16.	89.	53.	212.	127.	69.	41.	0.60
SUNFLOWERS LBS.	55.	3.	149.	0.	394.	24.	124.	7.	0.06
POTATOES CWT.	2.	3.	4.	8.	10.	18.	3.	6.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		621.		1862.		4689.		1494.	
VEAL CALVES	3.	500.	6.	962.	19.	2968.	6.	918.	154.60
STOCKER CALVES	0.	93.	8.	1820.	31.	6810.	6.	1411.	218.25
TOTAL CALVES	4.	0.	15.	0.	50.	0.	12.	0.	0.0
STOCKER CATTLE	2.	64.	8.	271.	27.	940.	6.	229.	35.44
FED BEEF	2.	191.	7.	827.	24.	2951.	6.	706.	121.39
TOTAL		849.		3880.		13679.		3264.	
WEANLING HOGS	6.	84.	30.	413.	122.	1682.	27.	366.	13.74
MARKET HOGS	7.	153.	36.	751.	134.	2803.	31.	641.	20.96
TOTAL		237.		1164.		4485.		1008.	
FLUID MILK LBS.	321.	24.	1391.	105.	5020.	380.	1190.	90.	0.08
MANF. MILK LBS.	2377.	121.	9970.	506.	35381.	1797.	8512.	432.	0.05
TOTAL		145.		612.		2177.		522.	
EGGS DOZ.	111.	22.	522.	103.	2073.	408.	460.	91.	0.20
BROILERS	9.	7.	39.	32.	156.	127.	35.	28.	0.81
TURKEYS	2.	9.	9.	30.	35.	145.	8.	34.	4.16
TOTAL		38.		173.		681.		153.	
INCOME	-235.	0.	-235.	0.	3215.	0.	102.	0.	0.0
LABOR	304.	0.	958.	0.	2237.	0.	743.	0.	0.0
TOTAL OPCAP LIVE	633.	0.	2753.	0.	8525.	0.	2217.	0.	0.0
TOTAL OPCAP CROP	505.	0.	992.	0.	3604.	0.	994.	0.	0.0
TOTAL OPCAP	1138.	0.	3745.	0.	12128.	0.	3211.	0.	0.0
TOTAL GRAIN FOR SALE		1077.		1841.		8489.		2094.	
TOTAL CROP PROD.		2109.		6341.		16176.		5105.	
TOTAL LVSTK. PROD		1269.		5829.		21022.		4946.	
TOTAL PRODUCTION		3377.		12170.		37198.		10051.	

Table 106

<u>PROVINCE REGION</u>		FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT
COMMODITY		NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	PRICE
WHEAT FOR SALE BUS.		257.	370.	977.	1407.	3760.	5414.	1051.	1514.	1.44
OATS FOR SALE BUS.		56.	31.	0.	0.	852.	477.	153.	86.	0.56
BARLEY FOR SALE BUS.		297.	214.	467.	337.	3147.	2266.	786.	566.	0.72
	TOTAL		615.		1744.		8157.		2166.	
WHEAT FOR SALE		4.	6.	30.	44.	0.	0.	13.	19.	1.44
OATS AS FEED		0.	0.	25.	14.	264.	148.	49.	27.	0.56
BARLEY (BUSHELS)		0.	0.	2.	2.	0.	0.	1.	1.	0.72
	TOTAL		6.		59.		148.		47.	
WHEAT FOR FEED BUS.		212.	305.	554.	797.	1657.	2386.	556.	801.	1.44
OATS FOR FEED BUS.		407.	228.	1392.	779.	3200.	1792.	1196.	670.	0.56
BARLEY FOR FEED BUS.		201.	145.	1215.	825.	1587.	1143.	792.	570.	0.72
	TOTAL		677.		2451.		5321.		2041.	
WHEAT BUSHELS		473.	681.	1562.	2249.	5417.	7801.	1621.	2335.	1.44
OATS BUSHELS		463.	259.	1416.	793.	4315.	2416.	1398.	783.	0.56
BARLEY BUSHELS		498.	359.	1685.	1213.	4734.	3409.	1579.	1137.	0.72
	TOTAL		1298.		4255.		13626.		4254.	
FLAX BUSHELS		36.	74.	127.	264.	375.	777.	121.	251.	2.07
RAPESEED BUSHELS		111.	220.	390.	772.	995.	1970.	348.	690.	1.98
RYE BUSHELS		18.	11.	68.	41.	177.	106.	60.	36.	0.60
SUNFLOWERS LBS.		867.	52.	3632.	218.	14797.	888.	3989.	239.	0.06
POTATOES CWT.		34.	62.	122.	223.	525.	961.	140.	257.	1.83
SUGAR BEETS TONS		3.	53.	11.	181.	47.	259.	13.	206.	15.98
	TOTAL		472.		1698.		5461.		1679.	
VEAL CALVES		2.	308.	6.	982.	9.	1433.	5.	731.	154.60
STOCKER CALVES		0.	91.	5.	998.	31.	6833.	7.	1438.	218.25
TOTAL CALVES		2.	0.	11.	0.	41.	0.	11.	0.	0.0
STOCKER CATTLE		1.	46.	6.	216.	25.	873.	7.	234.	35.44
FED BEEF		1.	149.	6.	749.	25.	3054.	7.	809.	121.39
	TOTAL		594.		2946.		12194.		3212.	
WEANLING HOGS		7.	92.	34.	472.	189.	2592.	44.	608.	13.74
MARKET HOGS		7.	148.	36.	761.	183.	3826.	44.	928.	20.96
	TOTAL		240.		1234.		6418.		1536.	
FLUID MILK LBS.		1443.	109.	5283.	399.	32459.	2454.	7515.	568.	0.08
MANF. MILK LBS.		2394.	122.	10488.	533.	51128.	2597.	12716.	646.	0.05
	TOTAL		231.		932.		5051.		1214.	
EGGS DOZ.		322.	63.	1374.	271.	8441.	1663.	1929.	380.	0.20
BROILERS		36.	29.	151.	123.	1012.	824.	225.	183.	0.81
TURKEYS		9.	17.	33.	136.	189.	787.	45.	186.	4.16
	TOTAL		130.		529.		3274.		749.	
INCOME		-421.	0.	-915.	0.	1019.	0.	-394.	0.	0.0
LABOR		291.	0.	961.	0.	2954.	0.	942.	0.	0.0
TOTAL OPCAP LIVE		570.	0.	2629.	0.	10178.	0.	2781.	0.	0.0
TOTAL OPCAP CROP		381.	0.	1115.	0.	4688.	0.	1300.	0.	0.0
TOTAL OPCAP		951.	0.	3744.	0.	14866.	0.	4081.	0.	0.0
TOTAL GRAIN FOR SALE			621.		1803.		8305.		2213.	
TOTAL CROP PROD.			1770.		5953.		19087.		5933.	
TOTAL LVSTK. PROD			1195.		5641.		26937.		6712.	
TOTAL PRODUCTION			2965.		11594.		46023.		12645.	

APPENDIX C

Detailed results for the 'Present Trend 1974'
 solution are given in this appendix by region, for a) all
 farms in the region, and b) the average farm in the region
 as indicated below.

Crop District (C.D.) or Administrative Region (A.R.)	Total (All Farms) or Average (1 Farm)	Table No.
C.D. 1	Total	107
C.D. 2	Total	108
C.D. 3	Total	109
C.D. 4	Total	110
C.D. 5	Total	111
C.D. 6	Total	112
C.D. 7	Total	113
C.D. 8	Total	114
C.D. 9	Total	115
C.D. 10	Total	116
C.D. 11	Total	117
C.D. 12	Total	118
C.D. 13	Total	119
C.D. 14	Total	120
Province	Total	121
A.R. Interlake	Total	122
A.R. Eastern	Total	123
A.R. Central	Total	124
A.R. South West	Total	125
A.R. North West	Total	126
A.R. Interlake	Average	127
A.R. Eastern	Average	128
A.R. Central	Average	129
A.R. South West	Average	130
A.R. North West	Average	131
Province	Average	132

Table 107

CROP DISTRICT 1									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	448152.	1980830.	2835790.	12534188.	2948185.	13030976.	6232127.	27545984.	4.42
OATS FOR SALE BUS.	340322.	564934.	0.	0.	2092264.	3473157.	2432586.	4038091.	1.66
BARLEY FOR SALE BUS.	0.	0.	739162.	1929213.	3074118.	8023447.	3813280.	9952660.	2.61
TOTAL		2545765.		14463402.		24527581.		41536748.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	0.	0.	31579.	139580.	31579.	139580.	4.42
OATS FOR FEED BUS.	0.	0.	1980132.	3287018.	170545.	283104.	2150677.	3570122.	1.66
BARLEY FOR FEED BUS.	462342.	1206712.	2186420.	5706554.	0.	0.	2648762.	6913266.	2.61
TOTAL		1206712.		8993573.		422685.		10622970.	
WHEAT BUSHELS	448152.	1980831.	2835790.	12534189.	2979765.	13170558.	6263707.	27685568.	4.42
OATS BUSHELS	340322.	564934.	1980132.	3287018.	2262808.	3756260.	4583262.	7608212.	1.66
BARLEY BUSHELS	462342.	1206712.	2925583.	7635770.	3074117.	8023444.	6462042.	16865920.	2.61
TOTAL		3752478.		23456979.		24950264.		52159721.	
FLAX BUSHELS	80918.	787331.	512028.	4982031.	538023.	5234962.	1130969.	11004324.	9.73
RAPESEED BUSHELS	487261.	345955.	308328.	2189128.	323982.	2300271.	681036.	4835353.	7.10
RYE BUSHELS	31565.	67233.	199738.	425442.	209879.	447042.	441182.	939717.	2.13
SUNFLOWERS LBS.	479531.	86316.	3034354.	546184.	3188409.	573913.	6702294.	1206412.	0.18
POTATOES CWT.	794.	2088.	5025.	13216.	5280.	13886.	11099.	29190.	2.63
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	50.00
TOTAL		1288923.		8156001.		8570076.		18015000.	
VEAL CALVES	94.	16666.	11499.	2038790.	166.	29432.	11759.	2084887.	177.30
STOCKER CALVES	1293.	304708.	1751.	412616.	19282.	4543994.	22326.	5261318.	235.66
TOTAL CALVES	1387.	0.	13250.	0.	19448.	0.	0.	0.	0.0
STOCKER CATTLE	770.	71623.	8908.	828711.	12648.	1176643.	22326.	2076977.	93.03
FED BEEF	735.	156195.	7020.	1491819.	9969.	2118511.	17724.	3266524.	212.51
TOTAL		549193.		4771936.		7868581.		13189710.	
WEANLING HOGS	1795.	59181.	17155.	565600.	29296.	965889.	48246.	1590669.	32.97
MARKET HOGS	1795.	66200.	17155.	632676.	24357.	898286.	43307.	1597161.	36.88
TOTAL		125381.		1198276.		1864174.		3187831.	
FLUID MILK LBS.	141955.	18454.	1356590.	176357.	1926116.	250395.	3424661.	445206.	0.13
MANF. MILK LBS.	624649.	49972.	5969433.	472555.	8475531.	678042.	15069613.	1205568.	0.08
TOTAL		68426.		653911.		928437.		1650775.	
EGGS DOZ.	36006.	20523.	344097.	196135.	488556.	278477.	868659.	495136.	0.57
BROILERS	1497.	2021.	14307.	19314.	20313.	27423.	36117.	48758.	1.35
TURKEYS	78.	576.	744.	5498.	1057.	7811.	1879.	13886.	7.39
TOTAL		23121.		220948.		313711.		557779.	
INCOME	2695551.	0.	16002956.	0.	21251344.	0.	39949851.	0.	0.0
LABOR	184333.	0.	1114681.	0.	953253.	0.	2252267.	0.	0.0
TOTAL OPCAP LIVE	302656.	0.	2934421.	0.	3539456.	0.	6776533.	0.	0.0
TOTAL OPCAP CROP	532725.	0.	2793667.	0.	3875087.	0.	7201479.	0.	0.0
TOTAL OPCAP	835381.	0.	5728088.	0.	7414543.	0.	13978012.	0.	0.0
TOTAL GRAIN FOR SALE		2545765.		14463402.		24527581.		41536748.	
TOTAL CROP PROD.		5041401.		31612979.		33520340.		70174721.	
TOTAL LVSTK. PROD		766120.		6845072.		10974903.		18586095.	
TOTAL PRODUCTION		5807521.		38458051.		44495244.		88760816.	

Table 108

CROP DISTRICT 2

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	720902.	3186386.	1303815.	5762858.	3544228.	15665483.	5568944.	24614720.	4.42
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY FOR SALE BUS.	1067628.	2786508.	0.	0.	5131621.	13393528.	6199249.	16180036.	2.61
TOTAL		5972894.		5762859.		29059013.		40794766.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	1551731.	6858651.	0.	0.	1551731.	6858651.	4.42
OATS FOR FEED BUS.	452242.	750721.	1791363.	2973662.	2223393.	3690831.	4466998.	7415214.	1.66
BARLEY FOR FEED BUS.	0.	0.	3273818.	8544663.	117239.	305994.	3391057.	8850537.	2.61
TOTAL		750721.		18376978.		3996826.		23124525.	
WHEAT BUSHELS	720902.	3186385.	2855545.	12621506.	3544227.	15665480.	7120674.	31473360.	4.42
OATS BUSHELS	452242.	750722.	1791362.	2973660.	2223392.	3690830.	4466996.	7415214.	1.66
BARLEY BUSHELS	1067627.	2786506.	3273819.	8544664.	5248862.	13699528.	9590308.	25030588.	2.61
TOTAL		6723614.		24139834.		33055839.		63919286.	
FLAX BUSHELS	84141.	818691.	333291.	3242920.	413673.	4025037.	831105.	8086648.	9.73
RAPESEED BUSHELS	120824.	857850.	478592.	3398002.	594015.	4217505.	1193431.	8473356.	7.10
RYE BUSHELS	8096.	17244.	32069.	68307.	39803.	84780.	79968.	170332.	2.13
SUNFLOWERS LBS.	731119.	131601.	2896015.	521283.	3594459.	647002.	7221593.	1299886.	0.18
POTATOES CWT.	167.	439.	662.	1741.	822.	2162.	1651.	4342.	2.63
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	50.00
TOTAL		1825826.		7232254.		8976488.		18034568.	
VEAL CALVES	1080.	191484.	9681.	1716441.	1978.	350647.	12739.	2258571.	177.30
STOCKER CALVES	150.	35349.	1764.	415634.	21288.	5016798.	23202.	5467780.	235.66
TOTAL CALVES	1230.	0.	11445.	0.	23266.	0.	0.	0.	0.0
STOCKER CATTLE	829.	77122.	7583.	705448.	14790.	1375913.	23202.	2158480.	93.03
FED BEEF	994.	211235.	9099.	1933627.	17745.	3770988.	27838.	5915849.	212.51
TOTAL		515190.		4771149.		10514348.		15800686.	
WEANLING HOGS	6053.	199567.	55350.	1824888.	107950.	3559107.	169353.	5583562.	32.97
MARKET HOGS	6727.	248092.	61522.	2268930.	119987.	4425117.	188236.	6942138.	36.88
TOTAL		447659.		4093819.		7984225.		12525703.	
FLUID MILK LBS.	241513.	31397.	2208629.	287122.	4307483.	559973.	6757625.	878491.	0.13
MANF. MILK LBS.	1367246.	109380.	12503464.	1000277.	36578176.	2926253.	50448886.	4035909.	0.08
TOTAL		140776.		1287399.		3486226.		4914401.	
EGGS DOZ.	128370.	73171.	1173938.	669145.	2289526.	1305029.	3591834.	2047344.	0.57
BROILERS	23487.	31707.	214789.	289965.	418902.	565517.	657178.	887190.	1.35
TURKEYS	280.	2069.	2559.	18911.	4991.	36883.	7830.	52864.	7.39
TOTAL		106947.		978021.		1907431.		2992399.	
INCOME	4781515.	0.	16743996.	0.	23732560.	0.	45258071.	0.	0.0
LABOR	300409.	0.	1212885.	0.	1567775.	0.	3081069.	0.	0.0
TOTAL OPCAP LIVE	422179.	0.	3864864.	0.	6995644.	0.	11282687.	0.	0.0
TOTAL OPCAP CROP	1294864.	0.	1718501.	0.	5523131.	0.	8536496.	0.	0.0
TOTAL OPCAP	1717043.	0.	5583365.	0.	12518775.	0.	19819183.	0.	0.0
TOTAL GRAIN FOR SALE		5972894.		5762859.		29059013.		40794766.	
TOTAL CROP PROD.		8549440.		31372087.		42032326.		81953853.	
TOTAL LVSTK. PROD		1210572.		11130387.		23892230.		36233189.	
TOTAL PRODUCTION		9760012.		42502474.		65924556.		118187042.	

Table 109

CROP DISTRICT 3

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	1254392.	5544412.	4314289.	19069152.	2813045.	12433655.	8381726.	37047200.	4.42
OATS FOR SALE BUS.	905587.	1503274.	0.	0.	0.	0.	905587.	1503274.	1.66
BARLEY FOR SALE BUS.	956387.	2496169.	1206457.	3148853.	8195298.	21389712.	10358142.	27034720.	2.61
TOTAL		9543856.		22218007.		33823380.		65585243.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY (BUSHEL) TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	2.61
WHEAT FOR FEED BUS.	0.	0.	0.	0.	4372711.	19327376.	4372711.	19327376.	4.42
OATS FOR FEED BUS.	0.	0.	3114629.	5170283.	5187635.	8611473.	8302264.	13781756.	1.66
BARLEY FOR FEED BUS.	0.	0.	2082891.	5436344.	0.	0.	2082891.	5436344.	2.61
TOTAL		0.		10606628.		27938852.		38545481.	
WHEAT BUSHEL	1254391.	5544407.	4314288.	19069136.	7185755.	31761024.	12754434.	56374560.	4.42
OATS BUSHEL	905587.	1503274.	3114629.	5170283.	5187636.	8611474.	9207852.	15285031.	1.66
BARLEY BUSHEL	956387.	2496169.	3289348.	8382197.	8195300.	21389728.	12441035.	32471088.	2.61
TOTAL		9543851.		32824630.		61762236.		104130717.	
FLAX BUSHEL	147133.	1431603.	506041.	4923778.	842847.	8200900.	1496021.	14556281.	9.73
RAPESEED BUSHEL	226344.	1607041.	778476.	5527178.	1296605.	9205894.	2301425.	16340113.	7.10
RYE BUSHEL	12394.	26399.	42626.	90793.	70997.	151223.	126017.	268416.	2.13
SUNFLOWERS LBS.	8363909.	1505503.	28766368.	5177944.	47912432.	8624235.	85042709.	15307682.	0.18
POTATOES CWT.	245631.	648639.	848250.	2230896.	1412818.	3715710.	2507699.	6595245.	2.63
SUGAR BEETS TONS	35794.	1789699.	123108.	6155394.	205045.	10252246.	363947.	18192328.	50.00
TOTAL		7008887.		24105988.		40150211.		71265086.	
VEAL CALVES	924.	163825.	5877.	1042061.	3143.	557184.	9944.	1763070.	177.30
STOCKER CALVES	440.	103690.	1382.	325590.	15131.	3565862.	16953.	3995141.	235.66
TOTAL CALVES	1364.	0.	7259.	0.	18274.	0.	0.	0.	0.0
STOCKER CATTLE	990.	92100.	4538.	422170.	11425.	1062867.	16953.	1577136.	93.03
FED BEEF	1490.	316640.	6832.	1431868.	17199.	3654957.	25521.	5423464.	212.51
TOTAL		676255.		3241689.		8840871.		12756815.	
WEANLING HOGS	19859.	654751.	91050.	3001915.	248100.	8179851.	359009.	11836516.	32.97
MARKET HOGS	19859.	732400.	91050.	3357920.	229217.	8453518.	340126.	12543837.	36.88
TOTAL		1387150.		6359836.		16633370.		24380356.	
FLUID MILK LBS.	3151239.	409661.	14448011.	1878241.	36372496.	4728424.	53971746.	7016326.	0.13
MANF. MILK LBS.	3396492.	271719.	15572452.	1245795.	58804896.	4704390.	77773840.	6221904.	0.08
TOTAL		681380.		3124037.		9432815.		13238233.	
EGGS DOZ.	1200734.	684418.	5505201.	3137964.	13859219.	7899754.	20565154.	11722136.	0.57
BROILERS	34474.	46540.	158058.	213378.	397908.	537175.	590440.	797093.	1.35
TURKEYS	14190.	104864.	65061.	40801.	163791.	1210414.	243042.	1796078.	7.39
TOTAL		835822.		3832143.		9647345.		14315311.	
INCOME	8838858.	0.	31026112.	0.	57655504.	0.	97520474.	0.	0.0
LABOR	693176.	0.	2258761.	0.	4205329.	0.	7157266.	0.	0.0
TOTAL OPCAP LIVE	1094489.	0.	5080333.	0.	11870966.	0.	18045788.	0.	0.0
TOTAL OPCAP CROP	3185720.	0.	8158735.	0.	13896228.	0.	25240683.	0.	0.0
TOTAL OPCAP	4280209.	0.	13239068.	0.	25767194.	0.	43286471.	0.	0.0
TOTAL GRAIN FOR SALE		9543856.		22218007.		33823380.		65585243.	
TOTAL CROP PROD.		16552737.		56930618.		101912447.		175395803.	
TOTAL LVSTK. PROD		3580608.		16557705.		44554401.		64692714.	
TOTAL PRODUCTION		20133345.		73488324.		146466848.		240088517.	

Table 110

CROP DISTRICT 4

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	0.	0.	630636.	2787411.	630636.	2787411.	4.42
OATS FOR SALE BUS.	823629.	1367223.	0.	0.	0.	0.	823629.	1367223.	1.66
BARLEY FOR SALE BUS.	755873.	1922828.	1083075.	2826825.	75130.	196089.	1914078.	4995741.	2.61
TOTAL		3340052.		2826826.		2983500.		9150377.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	300863.	1329814.	431100.	1905461.	0.	0.	731963.	3235275.	4.42
OATS FOR FEED BUS.	0.	0.	1180160.	1959064.	1726397.	2865818.	2906556.	4824882.	1.66
BARLEY FOR FEED BUS.	0.	0.	0.	0.	1509245.	3939129.	1509245.	3939129.	2.61
TOTAL		1329814.		3864527.		6804948.		11999289.	
WHEAT BUSHELS	300863.	1329813.	431100.	1905461.	630636.	2787410.	1362599.	6022684.	4.42
OATS BUSHELS	823629.	1367223.	1180159.	1959063.	1726396.	2865817.	3730184.	6192103.	1.66
BARLEY BUSHELS	755873.	1922828.	1083074.	2826822.	1584374.	4135215.	3423321.	8934865.	2.61
TOTAL		4669866.		6691348.		9788443.		21149657.	
FLAX BUSHELS	34520.	335880.	49463.	481275.	72357.	704033.	156340.	1521187.	9.73
RAPESEED BUSHELS	14003.	99421.	20065.	142461.	29352.	208399.	63420.	450282.	7.10
RYE BUSHELS	1250.	2662.	2687.	5723.	3931.	8373.	7868.	16759.	2.13
SUNFLOWERS LBS.	56039.	10087.	80298.	14454.	117463.	21143.	253800.	45684.	0.18
POTATOES CWT.	18978.	49912.	27193.	71518.	39779.	104619.	85950.	226048.	2.53
SUGAR BEETS TONS	780.	39000.	1117.	55850.	1635.	81250.	3532.	176600.	50.00
TOTAL		536962.		771281.		1128317.		2436560.	
VEAL CALVES	378.	67019.	2118.	375521.	1453.	257617.	3949.	700157.	177.30
STOCKER CALVES	194.	45718.	0.	0.	6663.	1570201.	6857.	1615919.	235.66
TOTAL CALVES	572.	0.	2118.	0.	8116.	0.	0.	0.	0.0
STOCKER CATTLE	420.	39073.	1332.	123916.	5105.	474918.	6857.	637907.	93.03
FED BEEF	585.	124318.	1854.	393993.	7104.	1509670.	9543.	2027981.	212.51
TOTAL		276128.		893431.		3812407.		4981966.	
WEANLING HOGS	7233.	238472.	22928.	755936.	94697.	3122158.	124858.	4116565.	32.97
MARKET HOGS	6029.	222349.	19113.	704887.	73230.	2700719.	98372.	3627955.	36.88
TOTAL		460821.		1460823.		5822878.		7744522.	
FLUID MILK LBS.	1708940.	222162.	5417469.	704271.	20756912.	2698398.	27883321.	3624831.	0.13
MANF. MILK LBS.	1840961.	147227.	5835985.	466879.	33540656.	2683251.	41217602.	3297406.	0.08
TOTAL		369439.		1171150.		5381650.		6922239.	
EGGS DOZ.	165633.	94411.	525069.	299289.	2011790.	1146720.	2702492.	1540420.	0.57
BROILERS	11694.	15787.	37069.	50043.	142031.	191742.	190794.	257572.	1.35
TURKEYS	8504.	62845.	26958.	199220.	103287.	263290.	138749.	1025354.	7.39
TOTAL		173042.		548552.		2101752.		2823347.	
INCOME	2294406.	0.	3234387.	0.	4878391.	0.	10407184.	0.	0.0
LABOR	265840.	0.	443768.	0.	1049289.	0.	1758897.	0.	0.0
TOTAL OPCAP LIVE	445310.	0.	1418017.	0.	5180687.	0.	7044014.	0.	0.0
TOTAL OPCAP CROP	781879.	0.	606677.	0.	588378.	0.	1976933.	0.	0.0
TOTAL OPCAP	1227189.	0.	2024694.	0.	5769065.	0.	9020948.	0.	0.0
TOTAL GRAIN FOR SALE		3340052.		2826826.		2983500.		9150377.	
TOTAL CROP PROD.		5206828.		7462629.		10916760.		23586217.	
TOTAL LVSTK. PROD		1279431.		4073955.		17118688.		22472074.	
TOTAL PRODUCTION		6486259.		11536584.		28035448.		46058291.	

Table 111

CROP DISTRICT 5

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	2009555.	8882233.	1855531.	8201445.	3865086.	17083664.	4.42
OATS FOR SALE BUS.	1214816.	2016594.	0.	0.	0.	0.	1214816.	2016594.	1.66
BARLEY FOR SALE BUS.	0.	0.	1825127.	4763580.	0.	0.	1825127.	4763580.	2.61
TOTAL		2016594.		13645814.		8201445.		23863854.	
WHEAT FOR SALE AS FEED (BUSHELS)	0.	0.	167696.	741216.	0.	0.	167696.	741216.	4.42
OATS AS FEED	794808.	1319380.	0.	0.	0.	0.	794808.	1319380.	1.66
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		1319381.		741216.		0.		2060596.	
WHEAT FOR FEED BUS.	1561981.	6903953.	0.	0.	1570609.	6942090.	3132590.	13846043.	4.42
OATS FOR FEED BUS.	0.	0.	2801221.	4650026.	4408028.	7317325.	7209249.	11967351.	1.66
BARLEY FOR FEED BUS.	1309363.	3417437.	0.	0.	2872035.	7496009.	4181398.	10913446.	2.61
TOTAL		10321391.		4650027.		21755426.		36726843.	
WHEAT BUSHELS	1561980.	6903950.	2177251.	9623447.	3426141.	15143540.	7165372.	31670928.	4.42
OATS BUSHELS	2009623.	3335973.	2801222.	4650028.	4408028.	7317325.	9218873.	15303326.	1.66
BARLEY BUSHELS	1309362.	3417434.	1825126.	4763578.	2872034.	7496007.	6006522.	15677019.	2.61
TOTAL		13657358.		19037054.		29956874.		62651286.	
FLAX BUSHELS	82278.	800564.	114687.	1115903.	180472.	1755991.	377437.	3672458.	9.73
RAPESEED BUSHELS	81980.	582058.	114272.	811331.	179819.	1276714.	376071.	2670102.	7.10
RYE BUSHELS	8701.	18533.	12129.	25835.	19086.	40653.	39916.	85021.	2.13
SUNFLOWERS LBS.	1025295.	184553.	1429160.	257249.	2248940.	404809.	4703395.	846611.	0.18
POTATOES CWT.	121344.	319134.	169142.	444843.	266163.	700008.	556649.	1463985.	2.63
SUGAR BEETS TONS	18079.	903950.	25200.	1259993.	39656.	1982799.	82935.	4146747.	50.00
TOTAL		2808792.		3915161.		6160977.		12884930.	
VEAL CALVES	1530.	271260.	2136.	378713.	5454.	967003.	9120.	1616975.	177.30
STOCKER CALVES	98.	23107.	3631.	855681.	13712.	3231355.	17441.	4110143.	235.66
TOTAL CALVES	1628.	0.	5767.	0.	19166.	0.	0.	0.	0.0
STOCKER CATTLE	1331.	123823.	3726.	346630.	12384.	1152083.	17441.	1622535.	93.03
FED BEEF	1205.	256074.	3373.	716796.	11206.	2381385.	15784.	3354255.	212.51
TOTAL		674264.		2297820.		7731827.		10703911.	
WEANLING HOGS	19596.	646080.	54867.	1808964.	182330.	6011415.	256793.	8466458.	32.97
MARKET HOGS	20372.	751319.	57040.	2103634.	189554.	6990747.	266966.	9845700.	36.88
TOTAL		1397399.		3912599.		13002163.		18312160.	
FLUID MILK LBS.	7687241.	999341.	21523952.	2798113.	71527872.	9298623.	100739065.	13096077.	0.13
MANF. MILK LBS.	8288296.	663064.	23206880.	1856550.	115680800.	9254462.	147175976.	11724025.	0.08
TOTAL		1662405.		4654664.		18553085.		24870154.	
EGGS DOZ.	1673981.	954169.	4687088.	2671640.	15576003.	8878321.	21937072.	12504130.	0.57
BROILERS	378898.	511512.	1060899.	1432213.	3525551.	4759491.	4965348.	6703215.	1.35
TURKEYS	48349.	357299.	135376.	1000428.	449878.	3324597.	633603.	4682324.	7.39
TOTAL		1822980.		5104281.		16962411.		23889673.	
INCOME LABOR	6895984.	0.	10038425.	0.	17428656.	0.	34363055.	0.	0.0
TOTAL OPCAP LIVE	942470.	0.	1559589.	0.	3300832.	0.	5802891.	0.	0.0
TOTAL OPCAP CROP	1748943.	0.	4922676.	0.	15092418.	0.	21764037.	0.	0.0
TOTAL OPCAP	1176114.	0.	3491535.	0.	2710330.	0.	7377979.	0.	0.0
TOTAL OPCAP	2925057.	0.	8414211.	0.	17802748.	0.	29142016.	0.	0.0
TOTAL GRAIN FOR SALE		3335975.		14387030.		8201445.		25924450.	
TOTAL CROP PROD.		16466151.		22952215.		36117850.		75536216.	
TOTAL LVSTK. PROD		5557048.		15969363.		56249486.		77775898.	
TOTAL PRODUCTION		22023198.		38921578.		92367337.		153312113.	

Table 112

CROP DISTRICT 6		FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT
COMMODITY		NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	PRICE
WHEAT FOR SALE BUS.		0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS FOR SALE BUS.		0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY FOR SALE BUS.		0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.	0.	0.	0.	0.	0.	0.	0.	
WHEAT FOR SALE		0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED		0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY (BUSHELS)		0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.	0.	0.	0.	0.	0.	0.	0.	
WHEAT FOR FEED BUS.		224595.	992710.	142090.	628037.	133281.	589102.	499966.	2209847.	4.42
OATS FOR FEED BUS.		567672.	942335.	359138.	596169.	336873.	559209.	1263683.	2097713.	1.66
BARLEY FOR FEED BUS.		147165.	384100.	93104.	243001.	87332.	227936.	327601.	855038.	2.61
TOTAL		224595.	992710.	142090.	628037.	133281.	589102.	499966.	2209847.	
WHEAT BUSHELS		224595.	992710.	142090.	628037.	133281.	589102.	499966.	2209847.	4.42
OATS BUSHELS		567672.	942335.	359138.	596169.	336873.	559209.	1263683.	2097713.	1.66
BARLEY BUSHELS		147165.	384100.	93104.	243001.	87332.	227936.	327601.	855038.	2.61
TOTAL		224595.	992710.	142090.	628037.	133281.	589102.	499966.	2209847.	
FLAX BUSHELS		25987.	252853.	16441.	159971.	15422.	150056.	57850.	562880.	9.73
RAPESEED BUSHELS		17304.	122858.	10947.	77724.	10269.	72910.	38520.	273492.	7.10
RYE BUSHELS		6870.	14633.	4346.	9257.	4077.	8684.	15293.	32574.	2.13
SUNFLOWERS LBS.		5660.	1019.	3581.	645.	3359.	605.	12600.	2268.	0.18
POTATOES CWT.		3975.	10454.	2515.	6614.	2359.	6204.	8849.	23273.	2.63
SUGAR BEETS TONS		0.	0.	0.	0.	0.	0.	0.	0.	50.00
TOTAL		25987.	252853.	16441.	159971.	15422.	150056.	57850.	562880.	
VEAL CALVES		2282.	404515.	1844.	327016.	634.	112384.	4760.	843915.	177.30
STOCKER CALVES		329.	77644.	1063.	250407.	4462.	1051546.	5854.	1379597.	235.66
TOTAL CALVES		2611.	0.	2907.	0.	5096.	0.	0.	0.	0.0
STOCKER CATTLE		1520.	141406.	1498.	139359.	2836.	263850.	5854.	544615.	93.03
FED BEEF		1131.	240349.	1114.	236236.	1953.	415032.	4198.	892112.	212.51
TOTAL		2282.	404515.	1844.	327016.	634.	112384.	4760.	843915.	
WEANLING HOGS		4875.	160729.	4803.	158355.	8418.	277541.	18096.	596624.	32.97
MARKET HOGS		4875.	179790.	4803.	172134.	8418.	310456.	18096.	662380.	36.88
TOTAL		4875.	160729.	4803.	158355.	8418.	277541.	18096.	596624.	
FLUID MILK LBS.		5352338.	695804.	5272902.	685477.	9242264.	1201494.	19867504.	2582775.	0.13
MANF. MILK LBS.		2941170.	235294.	2897518.	231801.	5078729.	406298.	10917417.	873393.	0.08
TOTAL		5352338.	695804.	5272902.	685477.	9242264.	1201494.	19867504.	2582775.	
EGGS DOZ.		1112514.	634133.	1096003.	624722.	1921057.	1095002.	4129574.	2353856.	0.57
BROILERS		21999.	29699.	21672.	79257.	37986.	51281.	81657.	110237.	1.35
TURKEYS		18942.	139981.	18662.	137912.	32709.	241719.	70313.	519613.	7.39
TOTAL		1112514.	634133.	1096003.	624722.	1921057.	1095002.	4129574.	2353856.	
INCOME		375348.	0.	225989.	0.	591179.	0.	1192517.	0.	0.0
LABOR		326209.	0.	281713.	0.	291748.	0.	899670.	0.	0.0
TOTAL OPCAP LIVE		1176948.	0.	1166703.	0.	1608524.	0.	3952175.	0.	0.0
TOTAL OPCAP CROP		54323.	0.	36295.	0.	31409.	0.	122028.	0.	0.0
TOTAL OPCAP		1231271.	0.	1202998.	0.	1639933.	0.	4074203.	0.	0.0
TOTAL GRAIN FOR SALE		0.	0.	0.	0.	0.	0.	0.	0.	
TOTAL CROP PROD.		2720963.		1721418.		1614706.		6057087.		
TOTAL LVSTK. PROD		2939341.		2998177.		5426605.		11364124.		
TOTAL PRODUCTION		5660304.		4719595.		7041311.		17421210.		

Table 113

CROP DISTRICT 7

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	403494.	1783442.	1750955.	7739220.	1771122.	7828355.	3925571.	17351008.	4.42
OATS FOR SALE BUS.	0.	0.	0.	0.	2419802.	4016870.	2419802.	4016870.	1.66
BARLEY FOR SALE BUS.	0.	0.	2322593.	6061965.	955748.	2494502.	3278341.	8556467.	2.61
TOTAL		1783443.		13801186.		14339729.		29924358.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	0.	0.	67725.	299346.	67725.	299346.	4.42
OATS FOR FEED BUS.	530971.	881411.	2304144.	3824878.	0.	0.	2835115.	4706289.	1.66
BARLEY FOR FEED BUS.	618672.	1614233.	362128.	945155.	1863735.	4864346.	2844535.	7424233.	2.61
TOTAL		2496145.		4770033.		5163692.		12429871.	
WHEAT BUSHELS	403494.	1783442.	1750955.	7739219.	1838846.	8127697.	3993295.	17650352.	4.42
OATS BUSHELS	530971.	881412.	2304143.	3824877.	2419801.	4016869.	5254915.	8723157.	1.66
BARLEY BUSHELS	618672.	1614233.	2684722.	7007123.	2819482.	7358847.	6122876.	15980703.	2.61
TOTAL		4279588.		18571220.		19503414.		42354222.	
FLAX BUSHELS	42264.	411229.	183405.	1784529.	192610.	1874094.	418279.	4069851.	9.73
RAPESEED BUSHELS	40692.	288913.	176582.	1253731.	185445.	1316658.	402719.	2859302.	7.10
RYE BUSHELS	23923.	50956.	103813.	221121.	163536.	348331.	291272.	620409.	2.13
SUNFLOWERS LBS.	208613.	37550.	905274.	162949.	950714.	171128.	2064601.	371628.	0.18
POTATOES CWT.	4562.	11998.	19797.	52066.	20791.	54680.	45150.	118744.	2.63
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	50.00
TOTAL		800646.		3474398.		3764894.		8039938.	
VEAL CALVES	1794.	318151.	11067.	1962104.	901.	159673.	13762.	2439926.	177.30
STOCKER CALVES	2.	372.	2421.	570631.	18917.	4458078.	21340.	5029081.	235.66
TOTAL CALVES	1796.	0.	13488.	0.	19818.	0.	0.	0.	0.0
STOCKER CATTLE	992.	92296.	7452.	693289.	12896.	1199714.	21340.	1985298.	93.03
FED BEEF	941.	199922.	7072.	1502869.	10011.	2127436.	18024.	3830276.	212.51
TOTAL		610790.		4728894.		7944902.		13284586.	
WEANLING HOGS	3609.	118989.	27117.	894047.	38382.	1265453.	69108.	2278488.	32.97
MARKET HOGS	3991.	147188.	29981.	1105698.	42436.	1565039.	76408.	2817925.	36.88
TOTAL		266177.		1999746.		2830493.		5096415.	
FLUID MILK LBS.	212246.	27592.	1594405.	207273.	2256775.	293381.	4063426.	528245.	0.13
MANF. MILK LBS.	893673.	71494.	6713328.	537066.	9502267.	760181.	17109268.	1368741.	0.08
TOTAL		99086.		744339.		1053562.		1896987.	
EGGS DOZ.	76341.	43514.	573483.	326885.	811728.	462685.	1461552.	833084.	0.57
BROILERS	1558.	2103.	11707.	15804.	16570.	22369.	29835.	40277.	1.35
TURKEYS	2282.	16864.	17144.	126694.	24266.	179326.	43692.	322884.	7.39
TOTAL		62482.		469384.		664380.		1196246.	
INCOME	2547179.	0.	10901375.	0.	13824437.	0.	27272991.	0.	0.0
LABOR	218780.	0.	968614.	0.	858733.	0.	2046128.	0.	0.0
TOTAL OPCAP LIVE	392247.	0.	2966670.	0.	3491030.	0.	6849947.	0.	0.0
TOTAL OPCAP CROP	392735.	0.	2599233.	0.	2655004.	0.	5646972.	0.	0.0
TOTAL OPCAP	784982.	0.	5565903.	0.	6146034.	0.	12496919.	0.	0.0
TOTAL GRAIN FOR SALE		1783443.		13801186.		14339729.		29924358.	
TOTAL CROP PROD.		5080234.		22045619.		23268308.		50394160.	
TOTAL LVSTK. PROD		1038534.		7942362.		12493337.		21474234.	
TOTAL PRODUCTION		6118769.		29987981.		35761645.		71868394.	

Table 114

CROP DISTRICT 8

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	455661.	2014020.	0.	0.	2878397.	12722512.	3334058.	14736532.	4.42
OATS FOR SALE BUS.	0.	0.	0.	0.	2718646.	4512952.	2718646.	4512952.	1.66
BARLEY FOR SALE BUS.	0.	0.	0.	0.	3164222.	8258618.	3164222.	8258618.	2.61
TOTAL		2014021.		0.		25494084.		27508105.	
WHEAT FOR SALE AS FEED (BUSHELLS)	0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED (BUSHELLS)	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY AS FEED (BUSHELLS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	1556538.	6879895.	0.	0.	1556538.	6879895.	4.42
OATS FOR FEED BUS.	677331.	1124369.	2313758.	3840840.	1560029.	2589648.	4551120.	7554857.	1.66
BARLEY FOR FEED BUS.	500910.	1307374.	1711103.	4465927.	0.	0.	2212013.	5723351.	2.61
TOTAL		2431744.		15186713.		2589648.		20208105.	
WHEAT BUSHELLS	455661.	2014020.	1556537.	6879892.	2878397.	12722512.	4890595.	21616416.	4.42
OATS BUSHELLS	677331.	1124369.	2313758.	3840837.	4278674.	7102598.	7269763.	12067804.	1.66
BARLEY BUSHELLS	500910.	1307374.	1711102.	4465925.	3164223.	8258620.	5376235.	14031969.	2.61
TOTAL		4445765.		15786706.		28083731.		47716202.	
FLAX BUSHELLS	26947.	262194.	92052.	895665.	170225.	1656288.	289224.	2814147.	9.73
RAPESEED BUSHELLS	59757.	424275.	204129.	1449315.	377482.	2680121.	641368.	4553710.	7.10
RYE BUSHELLS	42429.	90374.	96624.	205809.	268020.	570882.	407073.	867065.	2.13
SUNFLOWERS LBS.	2829310.	509276.	9664913.	1739683.	17872656.	3217077.	30366879.	5466035.	0.18
POTATOES CWT.	154403.	406080.	527439.	1387163.	975357.	2565187.	1657199.	4358429.	2.63
SUGAR BEETS TONS	105.	5250.	360.	18000.	666.	33300.	1131.	56550.	50.00
TOTAL		1697448.		5695637.		10722857.		18115943.	
VEAL CALVES	1440.	255312.	8078.	1432228.	1886.	334388.	11404.	2021926.	177.30
STOCKER CALVES	-0.	-0.	0.	0.	19767.	4658289.	19767.	4658289.	235.66
TOTAL CALVES	1440.	255312.	8078.	1432228.	21653.	500277.	0.	0.	0.0
STOCKER CATTLE	973.	90518.	5106.	475011.	13688.	1273394.	19767.	1838922.	93.03
FED BEEF	1265.	268825.	6636.	1410215.	17790.	3780551.	25691.	5459591.	212.51
TOTAL		614655.		3317455.		10046623.		13978733.	
WEANLING HOGS	6396.	210876.	33561.	1106505.	107267.	3536589.	147224.	4853969.	32.97
MARKET HOGS	6396.	235804.	33561.	1237729.	89967.	3317979.	129924.	4291592.	36.88
TOTAL		446760.		2344235.		6854569.		9645564.	
FLUID MILK LBS.	319758.	41569.	1677793.	218113.	4497614.	584690.	6495165.	844371.	0.13
MANF. MILK LBS.	1805790.	144463.	9475131.	758010.	38099552.	3047963.	49380473.	3950436.	0.08
TOTAL		186032.		976123.		3632653.		4794808.	
EGGS DOZ.	181917.	103693.	954536.	544085.	2558794.	1458512.	3695247.	2106290.	0.57
BROILERS	13915.	18785.	73014.	98569.	195728.	264233.	282657.	381587.	1.35
TURKEYS	6291.	46490.	33009.	241926.	88486.	653911.	127786.	944338.	7.39
TOTAL		168968.		886591.		2376656.		3432215.	
INCOME	3260001.	0.	11171057.	0.	21631184.	0.	36062242.	0.	0.0
LABOR	253903.	0.	859975.	0.	1585442.	0.	2699320.	0.	0.0
TOTAL OPCAP LIVE	493706.	0.	2601821.	0.	6733743.	0.	9829270.	0.	0.0
TOTAL OPCAP CROP	607976.	0.	1071316.	0.	5166097.	0.	6845389.	0.	0.0
TOTAL OPCAP	1101682.	0.	3673137.	0.	11899840.	0.	16674659.	0.	0.0
TOTAL GRAIN FOR SALE		2014021.		0.		25494084.		27508105.	
TOTAL CROP PROD.		6143213.		20882343.		38806589.		65832145.	
TOTAL LVSTK. PROD		1416415.		7524404.		22910502.		31851321.	
TOTAL PRODUCTION		7559628.		28406747.		61717091.		97683465.	

Table 115

CROP DISTRICT 9

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	709236.	3134823.	1671947.	7390006.	0.	0.	2381184.	10524829.	4.42
OATS FOR SALE BUS.	737193.	1223740.	0.	0.	457830.	759998.	1195023.	1983737.	1.66
BARLEY FOR SALE BUS.	692617.	1807229.	1632773.	4261536.	709593.	1852038.	3034983.	7921303.	2.61
TOTAL		6166293.		11651543.		2612037.		20429873.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	0.	0.	1446933.	6395444.	1446933.	6395444.	4.42
OATS FOR FEED BUS.	0.	0.	1737855.	2884838.	1046139.	1736589.	2783993.	4621427.	1.66
BARLEY FOR FEED BUS.	0.	0.	0.	0.	703435.	1835966.	703435.	1835966.	2.61
TOTAL		0.		2884839.		9968000.		12852839.	
WHEAT BUSHEL	709236.	3134822.	1671947.	7390004.	1446932.	6395438.	3828115.	16920256.	4.42
OATS BUSHEL	737193.	1223740.	1737854.	2884837.	1503968.	2496586.	3979015.	6605163.	1.66
BARLEY BUSHEL	692617.	1807229.	1632772.	4261534.	1413028.	3688002.	3738417.	9757265.	2.61
TOTAL		6166292.		14536376.		12580027.		33282696.	
FLAX BUSHEL	61428.	597694.	144810.	1409000.	125322.	1219382.	331560.	3226076.	9.73
RAPESEED BUSHEL	111121.	788959.	261956.	1859887.	226701.	1609576.	599778.	4258421.	7.10
RYE BUSHEL	43502.	92659.	102552.	218436.	133125.	283556.	279179.	594651.	2.13
SUNFLOWERS LBS.	398016.	71643.	938280.	168890.	812004.	146161.	2148300.	386594.	0.18
POTATOES CWT.	222.	584.	524.	1378.	453.	1191.	1199.	3153.	2.63
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	50.00
TOTAL		1551539.		3657592.		3259867.		8468998.	
VEAL CALVES	465.	82519.	9690.	1717998.	0.	0.	10155.	1800517.	177.30
STOCKER CALVES	1849.	435636.	199.	46946.	14028.	3305837.	16076.	3788418.	235.66
TOTAL CALVES	2314.	0.	9889.	0.	14028.	0.	0.	0.	0.0
STOCKER CATTLE	1378.	128220.	5595.	520458.	9103.	846852.	16076.	1495529.	93.03
FED BEEF	1301.	276473.	5283.	1122689.	7494.	1592549.	14078.	2991713.	212.51
TOTAL		922850.		3408093.		5745238.		10076181.	
WEANLING HOGS	7111.	234449.	28873.	951942.	40955.	1350285.	76939.	2536676.	32.97
MARKET HOGS	7820.	288401.	31750.	1170939.	45036.	1660927.	84606.	3120267.	36.88
TOTAL		522851.		2122882.		3011213.		5656945.	
FLUID MILK LBS.	394270.	51255.	1600826.	208107.	2270711.	295192.	4265807.	554555.	0.13
MANF. MILK LBS.	1777871.	142230.	7218573.	577486.	10239271.	819142.	19235715.	1538856.	0.08
TOTAL		193485.		785593.		1114334.		2093412.	
EGGS DOZ.	272718.	155449.	1107299.	631160.	1570662.	895277.	2950679.	1681886.	0.57
BROILERS	68287.	92187.	277262.	374303.	393285.	530934.	738834.	997425.	1.35
TURKEYS	188.	1389.	764.	5646.	1083.	8003.	2035.	15039.	7.39
TOTAL		249026.		1011110.		1434215.		2694351.	
INCOME	4148801.	0.	8861220.	0.	8899836.	0.	21909857.	0.	0.0
LABOR	362568.	0.	832375.	0.	692003.	0.	1886946.	0.	0.0
TOTAL OPCAP LIVE	684122.	0.	2788205.	0.	3316857.	0.	6789184.	0.	0.0
TOTAL OPCAP CROP	1485152.	0.	2520122.	0.	964475.	0.	4969749.	0.	0.0
TOTAL OPCAP	2169274.	0.	5308327.	0.	4281332.	0.	11758933.	0.	0.0
TOTAL GRAIN FOR SALE		6166293.		11651543.		2612037.		20429873.	
TOTAL CROP PROD.		7717831.		18193968.		15839894.		41751693.	
TOTAL LVSTK. PROD		1888212.		7327677.		11305000.		20520889.	
TOTAL PRODUCTION		9606043.		25521645.		27144894.		62272582.	

Table 116

CROP DISTRICT 10

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	1033116.	4566372.	3386829.	14969782.	2694109.	11907959.	7114054.	31444096.	4.42
OATS FOR SALE BUS.	569908.	946047.	0.	0.	1357200.	2252951.	1927108.	3198997.	1.66
BARLEY FOR SALE BUS.	1548180.	4040744.	4086894.	10666792.	639931.	1670218.	6275005.	1637758.	2.61
TOTAL		9553168.		25636575.		15831129.		51020873.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	0.	0.	60310.	266571.	60310.	266571.	4.42
OATS FOR FEED BUS.	0.	0.	1868313.	3101399.	921972.	1530473.	2790285.	4631872.	1.66
BARLEY FOR FEED BUS.	0.	0.	0.	0.	3487716.	9102936.	3487716.	9102936.	2.61
TOTAL		0.		3101399.		10899981.		14001380.	
WHEAT BUSHELS	1033116.	4566371.	3386829.	14969781.	2754418.	12174525.	7174363.	31710656.	4.42
OATS BUSHELS	569908.	946047.	1868312.	3101397.	2279171.	3783423.	4717391.	7830867.	1.66
BARLEY BUSHELS	1548179.	4040744.	4086896.	10666797.	4127646.	10773154.	9762721.	25480688.	2.61
TOTAL		9553165.		28737976.		26731103.		65022245.	
FLAX BUSHELS	44727.	435194.	146626.	1426670.	119247.	1160272.	310600.	3022135.	9.73
RAPESEED BUSHELS	303503.	2154870.	994966.	7064257.	809179.	5745169.	2107648.	14964296.	7.10
RYE BUSHELS	27970.	59576.	91695.	195310.	74573.	158840.	194238.	413726.	2.13
SUNFLOWERS LBS.	27475.	4945.	90072.	16213.	73253.	13186.	190800.	34344.	0.18
POTATOES CWT.	259.	681.	849.	2233.	691.	1817.	1799.	4731.	2.63
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	50.00
TOTAL		2655267.		8704684.		7079286.		18439237.	
VEAL CALVES	3185.	564635.	12068.	2139600.	1186.	210343.	16439.	2914578.	177.30
STOCKER CALVES	32.	7628.	5835.	1375149.	18848.	4441631.	24715.	5824407.	235.66
TOTAL CALVES	3217.	0.	17903.	0.	20034.	0.	0.	0.	0.0
STOCKER CATTLE	1776.	165177.	9886.	919675.	13054.	1214413.	24715.	2299265.	93.03
FED BEEF	1656.	351916.	9217.	1958703.	9816.	2085997.	20689.	4396616.	212.51
TOTAL		1089357.		6393128.		7952385.		15434870.	
WEANLING HOGS	5646.	186148.	31420.	1035917.	33462.	1103241.	70528.	2325306.	32.97
MARKET HOGS	5844.	215527.	32524.	1199484.	34638.	1277448.	73006.	2692458.	36.88
TOTAL		401675.		2235401.		2380690.		5017767.	
FLUID MILK LBS.	353043.	45896.	1964757.	255418.	3138623.	408021.	5456423.	709335.	0.13
MANF. MILK LBS.	1929236.	154339.	10736603.	858928.	11434207.	914236.	24100046.	1928003.	0.08
TOTAL		200234.		1114346.		1322757.		2637338.	
EGGS DOZ.	99339.	56623.	552841.	315119.	588762.	335594.	1240942.	707337.	0.57
BROILERS	6663.	8995.	37078.	50055.	39487.	53307.	83228.	112358.	1.35
TURKEYS	2708.	20012.	15069.	111360.	16048.	118595.	33825.	249967.	7.39
TOTAL		85630.		476534.		507496.		1069661.	
INCOME	6983248.	0.	20180736.	0.	21541072.	0.	48705056.	0.	0.0
LABOR	423443.	0.	1345794.	0.	968851.	0.	2736088.	0.	0.0
TOTAL OPCAP LIVE	852555.	0.	4744962.	0.	4394150.	0.	9991667.	0.	0.0
TOTAL OPCAP CROP	1452739.	0.	3579326.	0.	2168448.	0.	7200513.	0.	0.0
TOTAL OPCAP	2305294.	0.	8324288.	0.	6562598.	0.	17192180.	0.	0.0
TOTAL GRAIN FOR SALE		9553168.		25636575.		15831129.		51020873.	
TOTAL CROP PROD.		12208432.		37442660.		33810389.		83461481.	
TOTAL LIVESTOCK PROD.		1776896.		10219411.		12163329.		24159637.	
TOTAL PRODUCTION		13985329.		47662071.		45973719.		107621118.	

Table 117

CROP DISTRICT 11

COMMODITY		FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
		NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.		890373.	3935447.	1793479.	7927175.	1160291.	5128485.	3844143.	16991104.	4.42
OATS FOR SALE BUS.		1001099.	1661823.	0.	0.	0.	0.	1001099.	1661823.	1.66
BARLEY FOR SALE BUS.		1446159.	3224473.	554321.	1446226.	1884562.	4918707.	3885042.	10139956.	2.61
TOTAL			9371745.		9373952.		10047193.		28792890.	
WHEAT FOR SALE		0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED		0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY (BUSHELS)		0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL			0.		0.		0.		0.	
WHEAT FOR FEED BUS.		0.	0.	67760.	299499.	0.	0.	67760.	299499.	4.42
OATS FOR FEED BUS.		0.	0.	2092701.	3473882.	1304583.	2165607.	3397283.	5639489.	1.66
BARLEY FOR FEED BUS.		0.	0.	2468734.	6443394.	0.	0.	2468734.	6443394.	2.61
TOTAL			0.		10216776.		2165607.		12382383.	
WHEAT BUSHELS		890373.	3935447.	1861238.	8226670.	1160290.	5128480.	3911901.	17290592.	4.42
OATS BUSHELS		1001099.	1661824.	2092700.	3473881.	1304582.	2165605.	4398381.	7301310.	1.66
BARLEY BUSHELS		1446158.	3224471.	3023056.	7890175.	1884562.	4918706.	6353776.	16583352.	2.61
TOTAL			9371744.		19540727.		12212793.		41175264.	
FLAX BUSHELS		88257.	858740.	184494.	1795125.	115012.	1119066.	387763.	3772930.	9.73
RAPESEED BUSHELS		432944.	3073901.	905028.	6425697.	564192.	4005762.	1902164.	13505360.	7.10
RYE BUSHELS		27312.	58175.	57093.	121608.	35592.	75811.	119997.	255593.	2.13
SUNFLOWERS LBS.		78456.	14122.	164004.	29521.	102240.	18403.	344700.	62046.	0.18
POTATOES CWT.		2629.	6914.	5496.	14454.	3426.	9010.	11551.	30379.	2.63
SUGAR BEETS TONS		0.	0.	0.	0.	0.	0.	0.	0.	50.00
TOTAL			4011853.		8386407.		5228053.		17626313.	
VEAL CALVES		3893.	690247.	798.	141467.	9109.	1615015.	13800.	2446729.	177.30
STOCKER CALVES		93.	21892.	13239.	3119926.	5582.	1315465.	18914.	4457282.	235.66
TOTAL CALVES		3986.	0.	14037.	0.	14691.	0.	0.	0.	0.0
STOCKER CATTLE		2056.	191275.	7243.	673816.	9615.	894483.	18914.	1759573.	93.03
FED BEEF		1865.	396331.	6568.	1395264.	6498.	1380889.	14931.	3122984.	212.51
TOTAL			1299745.		5330974.		5205854.		11836573.	
WEANLING HOGS		10701.	352812.	37692.	1242704.	42965.	1416555.	91358.	3012070.	32.97
MARKET HOGS		10701.	394653.	37692.	1390080.	37295.	1375439.	85688.	3160171.	36.88
TOTAL			747464.		2632785.		2791994.		6172244.	
FLUID MILK LBS.		436326.	56722.	1536794.	199783.	2280871.	296513.	4253991.	553019.	0.13
MANF. MILK LBS.		3004702.	240378.	10582940.	846635.	10471279.	832202.	24058921.	1924713.	0.08
TOTAL			297098.		1046418.		1134215.		2477732.	
EGGS DOZ.		185115.	105516.	651999.	371639.	645120.	367718.	1482234.	844873.	0.57
BROILERS		8825.	11914.	31083.	41962.	30756.	41521.	70664.	95396.	1.35
TURKEYS		4381.	32376.	15430.	114028.	15267.	112823.	35078.	259226.	7.39
TOTAL			149805.		527629.		522062.		1199496.	
INCOME		7761512.	0.	16022424.	0.	11194887.	0.	34978823.	0.	0.0
LABOR		496387.	0.	1135612.	0.	740200.	0.	2372199.	0.	0.0
TOTAL OPCAP LIVE		1085531.	0.	3823245.	0.	3464358.	0.	8373134.	0.	0.0
TOTAL OPCAP CROP		1856514.	0.	2049419.	0.	1822579.	0.	5728512.	0.	0.0
TOTAL OPCAP		2942045.	0.	5872664.	0.	5286937.	0.	14101646.	0.	0.0
TOTAL GRAIN FOR SALE			9371745.		9373952.		10047193.		28792890.	
TOTAL CROP PROD.			13383596.		27977134.		17440846.		58801576.	
TOTAL LVSTK. PROD			2494112.		9537806.		9654126.		21686044.	
TOTAL PRODUCTION			15877708.		37514941.		27094972.		80487621.	

Table 118

CROP DISTRICT 12

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	622868.	2753075.	319914.	1414019.	0.	0.	942782.	4167094.	4.42
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		2753076.		1414020.		0.		4167096.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	25346.	112030.	526247.	2326011.	494625.	2186242.	1046218.	4624283.	4.42
OATS FOR FEED BUS.	790622.	1312432.	1032055.	1713211.	603290.	1001461.	2425967.	4027104.	1.66
BARLEY FOR FEED BUS.	749371.	1955858.	978207.	2553119.	571813.	1492431.	2299391.	6001408.	2.61
TOTAL		3380321.		6592343.		4680135.		14652799.	
WHEAT BUSHELS	648214.	2865105.	846161.	3740030.	494625.	2186241.	1989000.	8791376.	4.42
OATS BUSHELS	790622.	1312432.	1032055.	1713211.	603290.	1001461.	2425967.	4027104.	1.66
BARLEY BUSHELS	749371.	1955857.	978207.	2553119.	571813.	1492431.	2299391.	6001407.	2.61
TOTAL		6133395.		8006361.		4680135.		18819891.	
FLAX BUSHELS	99908.	972104.	130417.	1268956.	76236.	741776.	306561.	2982835.	9.73
RAPESEED BUSHELS	46185.	327913.	60290.	428059.	35242.	250218.	141717.	1006191.	7.10
RYE BUSHELS	13266.	28257.	17317.	36885.	15184.	32342.	45767.	97484.	2.13
SUNFLOWERS LBS.	4400.	792.	5743.	1034.	3357.	604.	13500.	2430.	0.18
POTATOES CWT.	391.	1028.	510.	1341.	298.	784.	1199.	3153.	2.63
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	50.00
TOTAL		1330095.		1736276.		1025724.		4092094.	
VEAL CALVES	7028.	1246110.	14496.	2570059.	1568.	278006.	23092.	4094175.	177.30
STOCKER CALVES	1486.	350128.	6195.	1460020.	16587.	3908891.	24268.	5719039.	235.66
TOTAL CALVES	8514.	0.	20691.	0.	18155.	0.	0.	0.	0.0
STOCKER CATTLE	4329.	402727.	10520.	978675.	9419.	876267.	24268.	2257669.	93.03
FED BEEF	3411.	224821.	8289.	1761494.	6824.	1450167.	18524.	3935532.	212.51
TOTAL		2723837.		6770250.		6513332.		16007419.	
WEANLING HOGS	8288.	273255.	20141.	664048.	21418.	706151.	49847.	1643454.	32.97
MARKET HOGS	8288.	305661.	20141.	742800.	16581.	611507.	45010.	1659967.	36.88
TOTAL		578916.		1406848.		1317658.		3303422.	
FLUID MILK LBS.	7995609.	1039429.	19431216.	2526057.	15996444.	2079537.	43423269.	5645023.	0.13
MANF. MILK LBS.	5973641.	477891.	14517361.	1161388.	17926768.	1434141.	38417770.	3073420.	0.08
TOTAL		1517320.		3687447.		3513679.		8718446.	
EGGS DOZ.	556009.	316925.	1351232.	770202.	1112381.	634057.	3019622.	1721184.	0.57
BROILERS	7229.	9759.	17568.	23717.	14462.	19524.	39259.	53000.	1.35
TURKEYS	39619.	292784.	96285.	711546.	79265.	585768.	215169.	1590098.	7.39
TOTAL		619469.		1505465.		1239349.		3364282.	
INCOME	3021797.	0.	3843190.	0.	3223877.	0.	10088864.	0.	0.0
LABOR	620976.	0.	1140377.	0.	677490.	0.	2438842.	0.	0.0
TOTAL OPCAP LIVE	2228391.	0.	5415470.	0.	4007887.	0.	11651748.	0.	0.0
TOTAL OPCAP CROP	662933.	0.	457326.	0.	128555.	0.	1248815.	0.	0.0
TOTAL OPCAP	2891324.	0.	5872796.	0.	4136442.	0.	12900563.	0.	0.0
TOTAL GRAIN FOR SALE		2753076.		1414020.		0.		4167096.	
TOTAL CROP PROD.		7463490.		9742637.		5705858.		22911985.	
TOTAL LVSTK. PROD		5439542.		13370009.		12584018.		31393570.	
TOTAL PRODUCTION		12903032.		23112646.		18289876.		54305555.	

Table 119

CROP DISTRICT 13

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	448107.	1980632.	1057931.	4676054.	609564.	2694272.	2115602.	9350958.	4.42
OATS FOR SALE BUS.	0.	0.	0.	0.	545917.	906222.	545917.	906222.	1.66
BARLEY FOR SALE BUS.	947258.	2472342.	617305.	1611166.	1288565.	3363154.	2853128.	7446662.	2.61
TOTAL		4452975.		6287221.		6963648.		17703845.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	22378.	98910.	0.	0.	22378.	98910.	4.42
OATS FOR FEED BUS.	401318.	666187.	967509.	1606064.	0.	0.	1368827.	2272251.	1.66
BARLEY FOR FEED BUS.	0.	0.	1666370.	4349224.	0.	0.	1666370.	4349224.	2.61
TOTAL		666187.		6054199.		0.		6720387.	
WHEAT BUSHEL	448107.	1980632.	1080308.	4774960.	609564.	2694272.	2137979.	9449864.	4.42
OATS BUSHEL	401318.	666188.	967509.	1606064.	545917.	906222.	1914744.	3178473.	1.66
BARLEY BUSHEL	947258.	2472342.	2283674.	5960388.	1288564.	3363151.	4519496.	11295881.	2.61
TOTAL		5119163.		12341413.		6963646.		24424222.	
FLAX BUSHEL	7640.	74337.	18418.	179207.	10392.	101114.	36450.	354658.	9.73
RAPESEED BUSHEL	308710.	2191840.	744246.	5284145.	419941.	2981580.	1472897.	10457565.	7.10
RYE BUSHEL	69040.	147055.	152475.	324771.	129051.	274878.	350566.	746705.	2.13
SUNFLOWERS LBS.	0.	0.	0.	0.	0.	0.	0.	0.	0.18
POTATOES CWT.	1163.	3059.	2805.	7377.	1582.	4161.	5550.	14596.	2.63
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	50.00
TOTAL		2416292.		5795501.		3361734.		11573527.	
VEAL CALVES	1164.	206377.	0.	0.	2426.	430130.	3590.	636507.	177.30
STOCKER CALVES	0.	0.	4764.	1122683.	2233.	526229.	6997.	1648911.	235.66
TOTAL CALVES	1164.	0.	4764.	0.	4659.	0.	0.	0.	0.0
STOCKER CATTLE	792.	73680.	3238.	301231.	2967.	276020.	6997.	650931.	93.03
FED BEEF	923.	196147.	3775.	822225.	3460.	735284.	8158.	1233656.	212.51
TOTAL		476204.		2226139.		1967663.		4670006.	
WEANLING HOGS	5546.	182851.	22682.	747825.	20787.	685347.	49015.	1616023.	32.97
MARKET HOGS	8505.	313664.	34785.	1282870.	31879.	1175697.	75169.	272231.	36.88
TOTAL		496516.		2030695.		1861044.		4388255.	
FLUID MILK LBS.	217044.	28216.	887644.	115394.	813480.	105752.	1918168.	249362.	0.13
MANF. MILK LBS.	1123365.	89869.	4594225.	357538.	4210367.	336829.	9927957.	294236.	0.08
TOTAL		118085.		482932.		442582.		1043598.	
EGGS DOZ.	67087.	38240.	274365.	156388.	251442.	143322.	592894.	337949.	0.57
BROILERS	3287.	4437.	13443.	18148.	12320.	16632.	29050.	39217.	1.35
TURKEYS	284.	2099.	1159.	8565.	1062.	2848.	2505.	18512.	7.39
TOTAL		44776.		183101.		167802.		395679.	
INCOME	4480234.	0.	10513092.	0.	6211083.	0.	21204409.	0.	0.0
LABOR	248723.	0.	628028.	0.	349599.	0.	1226350.	0.	0.0
TOTAL OPCAP LIVE	413280.	0.	1690518.	0.	1327562.	0.	3431360.	0.	0.0
TOTAL OPCAP CROP	885065.	0.	1365137.	0.	1234812.	0.	3485014.	0.	0.0
TOTAL OPCAP	1298345.	0.	3055655.	0.	2562374.	0.	6916374.	0.	0.0
TOTAL GRAIN FOR SALE		4452975.		6287221.		6963648.		17703845.	
TOTAL CROP PROD.		7535454.		18136915.		10325379.		35997749.	
TOTAL LVSTK. PROD		1135580.		4922867.		4439091.		10497538.	
TOTAL PRODUCTION		8671034.		23059782.		14764470.		46495286.	

Table 120

CROP DISTRICT 14

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	465693.	2058362.	0.	0.	416630.	1841504.	882323.	3899866.	4.42
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY FOR SALE BUS.	648717.	1693151.	838599.	2188741.	0.	0.	1487316.	3881892.	2.61
TOTAL		3751514.		2188742.		1841505.		7781761.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY (BUSHELBS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	716028.	3164843.	0.	0.	716028.	3164843.	4.42
OATS FOR FEED BUS.	676660.	1123255.	1040402.	1727066.	605370.	1004914.	2322432.	3855234.	1.66
BARLEY FOR FEED BUS.	0.	0.	158841.	414574.	580371.	1514768.	739212.	1929341.	2.61
TOTAL		1123255.		5306484.		2519682.		8949422.	
WHEAT BUSHELBS	465693.	2058362.	716028.	3164842.	416630.	1841503.	1598351.	7064707.	4.42
OATS BUSHELBS	676660.	1123255.	1040402.	1727067.	605370.	1004914.	2322432.	3855236.	1.66
BARLEY BUSHELBS	648717.	1693150.	997439.	2603315.	580371.	1514767.	2226527.	5811232.	2.61
TOTAL		4874769.		7495225.		4361186.		16731180.	
FLAX BUSHELBS	63437.	617242.	97538.	949044.	56754.	552216.	217729.	2118502.	9.73
RAPESEED BUSHELBS	204083.	1448988.	313788.	2227894.	182581.	1296324.	700452.	4973206.	7.10
RYE BUSHELBS	2459.	5238.	3780.	8051.	2200.	4686.	8439.	17975.	2.13
SUNFLOWERS LBS.	91778.	16520.	141114.	25401.	82108.	14779.	315000.	56700.	0.18
POTATOES CWT.	1792.	4713.	2755.	7246.	1603.	4216.	6150.	16174.	2.63
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	50.00
TOTAL		2092701.		3217636.		1872222.		7182559.	
VEAL CALVES	7447.	1320436.	2569.	455409.	9988.	1770862.	20004.	3546707.	177.30
STOCKER CALVES	1094.	257700.	14647.	3451810.	1895.	446587.	17636.	4156096.	235.66
TOTAL CALVES	8541.	0.	17216.	0.	11883.	0.	0.	0.	0.0
STOCKER CATTLE	4043.	376120.	8150.	758194.	5443.	506362.	17636.	1640675.	93.03
FED BEEF	2802.	595453.	5649.	1200468.	3772.	801588.	12223.	2592507.	212.51
TOTAL		2549710.		5865881.		3525400.		11940991.	
WEANLING HOGS	3748.	123571.	7555.	249088.	5046.	166366.	16349.	539026.	32.97
MARKET HOGS	5000.	184400.	10078.	321676.	6731.	248239.	21809.	804315.	36.88
TOTAL		307971.		620765.		414605.		1343341.	
FLUID MILK LBS.	823811.	107095.	1660517.	215867.	1109009.	144171.	3593337.	467134.	0.13
MANF. MILK LBS.	4519663.	361573.	9110094.	728802.	6084346.	486748.	19714103.	1527127.	0.08
TOTAL		468668.		944675.		630919.		2044262.	
EGGS DOZ.	161216.	91893.	324956.	185225.	217028.	123706.	703200.	400824.	0.57
BROILERS	12960.	17496.	26124.	35267.	17448.	23555.	56532.	76318.	1.35
TURKEYS	2406.	17780.	4848.	15827.	3238.	23929.	10492.	72536.	7.39
TOTAL		127169.		256319.		171190.		554678.	
INCOME	2322402.	0.	4723152.	0.	2708216.	0.	9753770.	0.	0.0
LABOR	459357.	0.	761601.	0.	358724.	0.	1579682.	0.	0.0
TOTAL OPCAP LIVE	1646448.	0.	3318628.	0.	1806962.	0.	6772038.	0.	0.0
TOTAL OPCAP CROP	966892.	0.	850575.	0.	533713.	0.	2351180.	0.	0.0
TOTAL OPCAP	2613340.	0.	4169203.	0.	2340675.	0.	9123218.	0.	0.0
TOTAL GRAIN FOR SALE		3751514.		2188742.		1841505.		7781761.	
TOTAL CROP PROD.		6967470.		10712861.		6233408.		23913739.	
TOTAL LVSTK. PROD		3453519.		7687639.		4742113.		15883271.	
TOTAL PRODUCTION		10420989.		18400500.		10975522.		39797011.	

Table 121

PROVINCE									
COMMODITY	FARM SIZE 1 NUMBER	\$ VALUE	FARM SIZE 2 NUMBER	\$ VALUE	FARM SIZE 3 NUMBER	\$ VALUE	CROP DISTRICT NUMBER	\$ VALUE	UNIT PRICE
WHEAT FOR SALE BUS.	7451994.	32937792.	20444505.	90364688.	21321738.	94242048.	49218237.	217544528.	4.42
OATS FOR SALE BUS.	5592553.	9283637.	0.	0.	9591658.	15922151.	15184212.	25205776.	1.66
BARLEY FOR SALE BUS.	8062818.	21043952.	14906306.	38905440.	25118788.	65560016.	48087912.	125509408.	2.61
TOTAL		63265397.		129270146.		175724242.		368259786.	
WHEAT FOR SALE	0.	0.	167696.	741216.	0.	0.	167696.	741216.	4.42
OATS AS FEED	794808.	1319380.	0.	0.	0.	0.	794808.	1319380.	1.66
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		1319381.		741216.		0.		2060596.	
WHEAT FOR FEED BUS.	2112785.	9338507.	5013872.	22161296.	8177774.	36145744.	15304431.	67645536.	4.42
OATS FOR FEED BUS.	4096815.	6800712.	24583380.	40808400.	20094253.	33356448.	48774448.	80965552.	1.66
BARLEY FOR FEED BUS.	3787823.	9886216.	14981615.	39102000.	11792921.	30779504.	30562359.	29247212.	2.61
TOTAL		26025437.		102071728.		100281730.		228378894.	
WHEAT BUSHELS	9564776.	42276288.	25626067.	113267184.	29499507.	130387792.	64690350.	285931264.	4.42
OATS BUSHELS	10484176.	17403728.	24583375.	40808384.	29685906.	49278592.	64753457.	107490704.	1.66
BARLEY BUSHELS	11850637.	30930144.	29887922.	78007456.	36911708.	96339536.	78650267.	205237136.	2.61
TOTAL		90610193.		232083057.		276005937.		598699187.	
FLAX BUSHELS	889585.	8655657.	2529710.	24614080.	2928591.	28495184.	6347886.	61764912.	9.73
RAPESEED BUSHELS	2016175.	14314844.	5371664.	38138800.	5234804.	37167104.	12622644.	89620736.	7.10
RYE BUSHELS	318777.	678995.	918944.	1957349.	1169054.	2490083.	2406774.	5126426.	2.13
SUNFLOWERS LBS.	14299601.	2573927.	48119176.	8661449.	76961394.	13853046.	139380170.	25088416.	0.18
POTATOES CWT.	557310.	1465724.	1612962.	4242088.	2731422.	7183637.	4901693.	12891449.	2.63
SUGAR BEETS TONS	54758.	2737899.	149785.	2489246.	247002.	12350096.	451545.	22572232.	50.00
TOTAL		30427048.		85103027.		101539164.		217069239.	
VEAL CALVES	32705.	5798557.	91920.	16297409.	39891.	7072685.	164516.	29168624.	177.30
STOCKER CALVES	7059.	1663571.	56892.	13407094.	178396.	42040768.	242347.	57111424.	235.66
TOTAL CALVES	39764.	0.	148812.	0.	218287.	0.	0.	0.	0.0
STOCKER CATTLE	22199.	2065157.	84775.	7886581.	135373.	12593780.	242347.	22545504.	93.03
FED BEEF	20304.	4314801.	81781.	17329264.	130841.	27805008.	232926.	49499072.	212.51
TOTAL		13842089.		54970357.		89512245.		158324691.	
WEANLING HOGS	110456.	3641731.	455194.	15007736.	981073.	32345952.	1546723.	50995408.	32.97
MARKET HOGS	116202.	4285526.	481195.	17146448.	949326.	35011120.	1546722.	57043088.	36.88
TOTAL		7927258.		32754198.		67357074.		108038530.	
FLUID MILK LBS.	29035332.	3774593.	80581505.	10475595.	176496670.	22944560.	286113507.	37194736.	0.13
MANF. MILK LBS.	39486755.	3158939.	138933987.	11114716.	366126845.	29290128.	544547587.	43563776.	0.08
TOTAL		6933533.		21590312.		52234708.		80758552.	
EGGS DOZ.	5916979.	3372678.	19122107.	10899600.	43902068.	25024176.	68941153.	39296448.	0.57
BROILERS	594773.	802943.	1994073.	2491997.	5262747.	7104704.	7851592.	10599643.	1.35
TURKEYS	148502.	1097429.	433068.	3200371.	984428.	2274920.	1565998.	11572220.	7.39
TOTAL		5273051.		16791969.		39403804.		61468823.	
INCOME	60406836.	0.	163488111.	0.	214772226.	0.	438667174.	0.	0.0
LABOR	5796573.	0.	14543772.	0.	17597269.	0.	37937614.	0.	0.0
TOTAL OPCAP LIVE	12986804.	0.	46736533.	0.	72830244.	0.	132553581.	0.	0.0
TOTAL OPCAP CROP	15335631.	0.	31297864.	0.	41298246.	0.	87931742.	0.	0.0
TOTAL OPCAP	28322435.	0.	78034397.	0.	114128490.	0.	220485323.	0.	0.0
TOTAL GRAIN FOR SALE		64584778.		130011362.		175724242.		370320382.	
TOTAL CROP PROD.		121037241.		317186083.		377545101.		815768426.	
TOTAL LIVSTK. PROD		33975931.		126106836.		248507830.		408590597.	
TOTAL PRODUCTION		155013172.		443292919.		626052931.		1224359022.	

Table 122

INTERLAKE REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	622868.	2753075.	448526.	1982482.	749390.	3312303.	1820783.	8047860.	4.42
OATS FOR SALE BUS.	901377.	1496285.	0.	0.	0.	0.	901377.	1496285.	1.66
BARLEY FOR SALE BUS.	755873.	1972822.	1199883.	3131694.	75130.	196089.	2030886.	5300610.	2.61
TOTAL		6222190.		5114177.		3508392.		14844759.	
WHEAT FOR SALE	0.	0.	10733.	47438.	0.	0.	10733.	47438.	4.42
OATS AS FEED	50868.	84440.	0.	0.	0.	0.	50868.	84440.	1.66
BARLEY (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		84440.		47438.		0.		131878.	
WHEAT FOR FEED BUS.	426176.	1883697.	957347.	4231473.	595144.	2630935.	1978667.	8745705.	4.42
OATS FOR FEED BUS.	790622.	1312432.	2391493.	3969877.	2611800.	4335587.	5793915.	9617896.	1.66
BARLEY FOR FEED BUS.	833170.	2174573.	978207.	2553119.	2264868.	5911305.	4076246.	10638337.	2.61
TOTAL		5370704.		10754471.		12877430.		29002604.	
WHEAT BUSHEL	1049044.	4636771.	1416605.	6261392.	1344534.	5942837.	3810182.	16840992.	4.42
OATS BUSHEL	1742867.	2893158.	2391492.	3959876.	2611800.	4335586.	6746158.	11198620.	1.66
BARLEY BUSHEL	1589043.	4147401.	2178089.	5684811.	2339997.	6107391.	6107129.	15939603.	2.61
TOTAL		11677331.		15916080.		16385816.		43979227.	
FLAX BUSHEL	139694.	1359219.	187220.	1821649.	160143.	1558191.	487057.	4739059.	9.73
RAPESEED BUSHEL	65435.	464586.	87668.	622446.	76102.	540327.	229205.	1627357.	7.10
RYE BUSHEL	15073.	32105.	20780.	44262.	20336.	43317.	56190.	119684.	2.13
SUNFLOWERS LBS.	126058.	22690.	177507.	31951.	264752.	47655.	568317.	102297.	0.18
POTATOES CWT.	27135.	71365.	38528.	101329.	57111.	150203.	122774.	322897.	2.63
SUGAR BEETS TONS	1937.	96853.	2730.	136490.	4173.	208649.	8840.	441922.	50.00
TOTAL		2046820.		2758127.		2548343.		7353289.	
VEAL CALVES	7504.	1330490.	16750.	2969818.	3370.	597511.	27624.	4897819.	177.30
STOCKER CALVES	1686.	397325.	6428.	1514783.	24128.	5685899.	32241.	7598006.	235.66
TOTAL CALVES	9190.	0.	23178.	0.	27498.	0.	59866.	0.	0.0
STOCKER CATTLE	4834.	449724.	12090.	1124775.	15317.	1424918.	32241.	2999417.	93.03
FED BEEF	4073.	865579.	10359.	2201362.	14645.	3112246.	29077.	6179186.	212.51
TOTAL		3043118.		7810741.		10820576.		21674435.	
WEANLING HOGS	16775.	553076.	46580.	1535757.	127784.	4213040.	191140.	6301872.	32.97
MARKET HOGS	15621.	576092.	42905.	1582319.	101942.	3759633.	160468.	5918046.	36.88
TOTAL		1129171.		3118077.		7972674.		12219922.	
FLUID MILK LBS.	10196532.	1325549.	26226217.	3409408.	41331136.	5373047.	77753885.	10108004.	0.13
MANF. MILK LBS.	8345053.	667604.	21838585.	1747086.	58870990.	4709678.	89054627.	7124368.	0.08
TOTAL		1993153.		5156495.		10082726.		17232373.	
EGGS DOZ.	828777.	472403.	2176274.	1240476.	4121034.	2348989.	7126085.	4061867.	0.57
BROILERS	43172.	58283.	122534.	165421.	382128.	515873.	547835.	739577.	1.35
TURKEYS	51217.	378496.	131907.	974793.	211344.	1561832.	394468.	2915120.	7.39
TOTAL		909181.		2380690.		4426695.		7716567.	
INCOME	5757546.	0.	7720036.	0.	9217701.	0.	22695282.	0.	0.0
LABOR	947134.	0.	1683959.	0.	1938032.	0.	4569124.	0.	0.0
TOTAL OPCAP LIVE	2785634.	0.	7148538.	0.	10154488.	0.	20088660.	0.	0.0
TOTAL OPCAP CROP	1520083.	0.	1287461.	0.	890394.	0.	3697938.	0.	0.0
TOTAL OPCAP	4305717.	0.	8435999.	0.	11044882.	0.	23786598.	0.	0.0
TOTAL GRAIN FOR SALE		6306630.		5161615.		3508392.		14976637.	
TOTAL CROP PROD.		13724151.		18674207.		18934159.		51332517.	
TOTAL LVSTK. PROD		7074624.		18466003.		33302671.		58843297.	
TOTAL PRODUCTION		20798775.		37140209.		52236830.		110175814.	

Table 123

EASTERN REGION									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	1880944.	8313770.	1736777.	7676552.	3617721.	15990322.	4.42
OATS FOR SALE BUS.	1137068.	1887532.	0.	0.	0.	0.	1137068.	1887532.	1.66
BARLEY FOR SALE BUS.	0.	0.	1708319.	4458211.	0.	0.	1708319.	4458211.	2.61
TOTAL		1887533.		12772482.		7676552.		22336567.	
WHEAT FOR SALE	0.	0.	156963.	693778.	0.	0.	156963.	693778.	4.42
OATS AS FEED	743940.	1234940.	0.	0.	0.	0.	743940.	1234940.	1.66
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		1234940.		693778.		0.		1928718.	
WHEAT FOR FEED BUS.	1686609.	7454809.	142090.	628037.	1603371.	7086898.	3432070.	15169744.	4.42
OATS FOR FEED BUS.	567672.	942335.	2981081.	4948593.	4462787.	7408225.	8011540.	13299153.	1.66
BARLEY FOR FEED BUS.	1372729.	3582822.	93104.	243001.	2775556.	7244200.	4241389.	11070023.	2.61
TOTAL		11979967.		5819633.		21739325.		39538925.	
WHEAT BUSHELS	1686608.	7454806.	2179997.	9635584.	3340149.	14763455.	7206754.	31853824.	4.42
OATS BUSHELS	2448679.	4064806.	2981082.	4948595.	4462787.	7408225.	9892548.	16421626.	1.66
BARLEY BUSHELS	1372728.	3582818.	1801422.	4701710.	2775556.	7244199.	5949705.	15528227.	2.61
TOTAL		15102433.		19285890.		29415881.		63804203.	
FLAX BUSHELS	102999.	1002182.	123788.	1204456.	184344.	1793664.	411131.	4000301.	9.73
RAPESEED BUSHELS	94037.	667664.	117906.	837129.	178580.	1267914.	390522.	2772707.	7.10
RYE BUSHELS	15014.	31980.	15699.	33438.	21941.	46735.	52654.	112154.	2.13
SUNFLOWERS LBS.	965336.	173760.	1341275.	241429.	2108367.	379506.	4414978.	794696.	0.18
POTATOES CWT.	117553.	309164.	160832.	422988.	251488.	661412.	529872.	1393563.	2.63
SUGAR BEETS TONS	16922.	846097.	23587.	1179359.	37118.	1855900.	77627.	3881356.	50.00
TOTAL		3030847.		3918801.		6005133.		12954781.	
VEAL CALVES	3714.	658413.	3844.	681491.	5739.	1017500.	13296.	2357403.	177.30
STOCKER CALVES	421.	99272.	4461.	1051325.	17297.	4076095.	22179.	5226691.	235.66
TOTAL CALVES	4135.	0.	8305.	0.	23035.	0.	35475.	0.	0.0
STOCKER CATTLE	2766.	257304.	4986.	463804.	14428.	1342200.	22179.	2063308.	93.03
FED BEEF	2259.	480034.	4271.	907652.	12442.	2644008.	18972.	4031699.	212.51
TOTAL		1495024.		3104277.		9079804.		13679105.	
WEANLING HOGS	23217.	765459.	56159.	1851545.	179079.	5904226.	258454.	8521230.	32.97
MARKET HOGS	23943.	883024.	58192.	2146136.	185840.	6853794.	267976.	9882954.	36.88
TOTAL		1648484.		3997681.		12758021.		18404186.	
FLUID MILK LBS.	12547595.	1631187.	25419321.	3304511.	76192351.	9905005.	114159268.	14840703.	0.13
MANF. MILK LBS.	10699015.	855921.	24619157.	1969532.	113355957.	9068474.	148674129.	11893327.	0.08
TOTAL		2487108.		5274044.		18973480.		26734632.	
EGGS DOZ.	2679360.	1527235.	5483117.	3125376.	16500196.	9405111.	24662673.	14057722.	0.57
BROILERS	376647.	508474.	1014673.	1369808.	3337902.	4506165.	4729223.	6384446.	1.35
TURKEYS	64197.	474413.	145374.	1074312.	453795.	3353542.	663365.	4902267.	7.39
TOTAL		2510122.		5569498.		17264820.		25344440.	
INCOME	6829989.	0.	9621955.	0.	16904401.	0.	33356346.	0.	0.0
LABOR	1208361.	0.	1741488.	0.	3381327.	0.	6331176.	0.	0.0
TOTAL OPCAP LIVE	2813959.	0.	5774328.	0.	15735027.	0.	24323313.	0.	0.0
TOTAL OPCAP CROP	1155166.	0.	3304372.	0.	2568278.	0.	7027816.	0.	0.0
TOTAL OPCAP	3969125.	0.	9078700.	0.	18303305.	0.	31351129.	0.	0.0
TOTAL GRAIN FOR SALE		3122473.		13466260.		7676552.		24265285.	
TOTAL CROP PROD.		18133280.		23204691.		35421013.		76758984.	
TOTAL LVSTK. PROD		8140738.		17945501.		58076124.		84162363.	
TOTAL PRODUCTION		26274018.		41150192.		93497137.		160921347.	

Table 124

CENTRAL REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	2326349.	10282461.	5778702.	25541856.	6778126.	29959296.	14883177.	65783600.	4.42
OATS FOR SALE BUS.	1148861.	1907108.	0.	0.	1456034.	2417016.	2604895.	4324124.	1.66
BARLEY FOR SALE BUS.	2091874.	5459791.	1951568.	5093590.	13540425.	35340496.	17583867.	45893872.	2.61
TOTAL		17649361.		30635448.		67716830.		116001638.	
WHEAT FOR SALE AS FEED (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY AS FEED (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	2009493.	8881957.	4850199.	21437872.	6859692.	30319824.	4.42
OATS FOR FEED BUS.	808146.	1341523.	6308618.	10472305.	7986971.	13258370.	15103736.	25072192.	1.66
BARLEY FOR FEED BUS.	240437.	622550.	5234968.	13663263.	456972.	1192697.	5932377.	15483499.	2.61
TOTAL		1969063.		33017526.		35888943.		70875532.	
WHEAT BUSHEL	2326348.	10282455.	7788193.	34423792.	11628323.	51397168.	21742863.	96103408.	4.42
OATS BUSHEL	1957007.	3248631.	6308617.	10472302.	9443004.	15675385.	17708628.	29396304.	1.66
BARLEY BUSHEL	2332311.	6087329.	7186535.	18756848.	13997401.	36533200.	23516246.	61327376.	2.61
TOTAL		19618417.		63652960.		103605773.		186877150.	
FLAX BUSHEL	254843.	2479621.	855311.	8322176.	1269444.	12351686.	2379598.	23153472.	9.73
RAPESEED BUSHEL	426478.	3027996.	1375109.	9763276.	2013333.	14294662.	3814921.	27085920.	7.10
RYE BUSHEL	53388.	113716.	146226.	311461.	271981.	579319.	471594.	1004496.	2.13
SUNFLOWERS LBS.	10387684.	1869782.	35777083.	6439873.	59295587.	10673202.	105460354.	18982848.	0.18
POTATOES CWT.	321375.	845217.	1102735.	2900191.	1882109.	4949943.	3306219.	8695350.	2.63
SUGAR BEETS TONS	35844.	1792219.	123281.	6164036.	205365.	10268230.	364490.	18224480.	50.00
TOTAL		10128552.		33901015.		53117046.		97146613.	
VEAL CALVES	4357.	772472.	20361.	3610009.	7889.	1398775.	32607.	5781256.	177.30
STOCKER CALVES	1424.	335589.	6285.	1481170.	44617.	10514386.	52326.	12331144.	235.66
TOTAL CALVES	5781.	0.	26646.	0.	52506.	0.	84933.	0.	0.0
STOCKER CATTLE	3487.	324372.	16148.	1502254.	32691.	3041261.	52326.	4867886.	93.03
FED BEEF	3912.	831259.	19520.	4148113.	41561.	8822046.	64992.	13811417.	212.51
TOTAL		2263691.		10741548.		23786470.		36791709.	
WEANLING HOGS	30435.	1003435.	157291.	5185876.	389909.	12855310.	577635.	19044608.	32.97
MARKET HOGS	31449.	1159822.	163181.	6018124.	372910.	13752902.	567539.	20930848.	36.88
TOTAL		2163258.		11204001.		26608213.		39975472.	
FLUID MILK LBS.	3806548.	494851.	17736152.	2305699.	42568739.	5533935.	64111439.	8334485.	0.13
MANF. MILK LBS.	6918878.	533310.	33496151.	2679691.	107573111.	8605847.	147988139.	11839048.	0.08
TOTAL		1048361.		4985391.		14139783.		20173535.	
EGGS DOZ.	1507569.	859314.	7230483.	4121375.	17261815.	9839234.	25999867.	14819923.	0.57
BROILERS	83317.	112478.	441380.	95862.	919165.	1240872.	1443862.	1949212.	1.35
TURKEYS	18060.	133460.	84141.	621804.	210912.	1558638.	313113.	2313902.	7.39
TOTAL		1105253.		5339042.		12638745.		19083040.	
INCOME LABOR	15691134.	0.	52195114.	0.	88254430.	0.	156140678.	0.	0.0
TOTAL OPCAP LIVE	2257779.	0.	3982606.	0.	6380391.	0.	11620981.	0.	0.0
TOTAL OPCAP CROP	5111909.	0.	10771102.	0.	21539188.	0.	34568070.	0.	0.0
TOTAL OPCAP	7369688.	0.	10916799.	0.	20691716.	0.	36720424.	0.	0.0
TOTAL OPCAP		0.	21687901.	0.	42230905.	0.	71288494.	0.	0.0
TOTAL GRAIN FOR SALE		17649361.		30635448.		67716830.		116001638.	
TOTAL CROP PROD.		29746969.		97553976.		156722819.		284023763.	
TOTAL LVSTK. PROD		6580563.		32269982.		77173211.		116023756.	
TOTAL PRODUCTION		36327532.		129823958.		233896030.		400047520.	

Table 125

SOUTH WEST REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	2511716.	11101784.	8555477.	37815200.	9353805.	41343808.	20420999.	90260784.	4.42
OATS FOR SALE BUS.	1206723.	2003159.	0.	0.	7236347.	12012334.	8443069.	14015493.	1.66
BARLEY FOR SALE BUS.	1914105.	4995812.	7155672.	18676288.	8119058.	21190736.	17188835.	44862232.	2.61
TOTAL		18100756.		56491502.		74546885.		149139144.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	1274919.	5635140.	984965.	4353543.	2259884.	9988683.	4.42
OATS FOR FEED BUS.	1018855.	1691299.	8471396.	14062515.	2965456.	4922657.	12455708.	20676464.	1.66
BARLEY FOR FEED BUS.	1341487.	3501280.	4420467.	11532416.	4992440.	13030265.	10754394.	28068260.	2.61
TOTAL		5192581.		31235073.		22306467.		58734121.	
WHEAT BUSHELS	2511716.	11101783.	9830395.	43450336.	10338768.	45697328.	22680879.	100249440.	4.42
OATS BUSHELS	2225579.	3694459.	8471393.	14062511.	10201800.	16934976.	20898772.	34691936.	1.66
BARLEY BUSHELS	3255591.	8497090.	11576141.	30213212.	13111497.	34220922.	27943229.	72931792.	2.61
TOTAL		23293334.		87726573.		96853332.		207873240.	
FLAX BUSHELS	232505.	2262270.	1040179.	10120939.	1107759.	10778490.	2380442.	23161696.	9.73
RAPESEED BUSHELS	454886.	3229691.	1652693.	11734117.	1638476.	11633180.	3746055.	26596976.	7.10
RYE BUSHELS	126748.	269973.	493501.	1051157.	659360.	1404435.	1279609.	2725564.	2.13
SUNFLOWERS LBS.	2630726.	473530.	10447745.	1880593.	15038608.	2706948.	28117079.	5061071.	0.18
POTATOES CWT.	86024.	226243.	300246.	789648.	534298.	1405203.	920568.	2421093.	2.63
SUGAR BEETS TONS	55.	2730.	187.	9360.		17316.	588.	29405.	50.00
TOTAL		6464438.		25585816.		27945574.		59995828.	
VEAL CALVES	5683.	1007654.	44583.	7904517.	3554.	630144.	53820.	9542315.	177.30
STOCKER CALVES	2437.	574227.	9310.	2194031.	77514.	18266864.	89260.	21035120.	235.66
TOTAL CALVES	8120.	0.	53893.	0.	81068.	0.	143081.	0.	0.0
STOCKER CATTLE	4683.	435679.	32147.	2990654.	52430.	4877568.	89260.	8303900.	93.03
FED BEEF	4662.	990658.	30434.	6467450.	46459.	9823027.	81554.	17331120.	212.51
TOTAL		3008218.		19556654.		33647605.		56212477.	
WEANLING HOGS	19018.	627010.	119268.	3932278.	205361.	6770762.	343647.	11330050.	32.97
MARKET HOGS	20165.	743703.	126503.	4665421.	202364.	7463182.	349032.	12872306.	36.88
TOTAL		1370713.		8597700.		14233945.		24202359.	
FLUID MILK LBS.	1093448.	142148.	6927378.	900559.	11547647.	1501194.	19568473.	2543901.	0.13
MANF. MILK LBS.	5384183.	430735.	33814824.	2705185.	63506132.	5080489.	102705139.	8216408.	0.08
TOTAL		572883.		3605744.		6581684.		10760311.	
EGGS DOZ.	480122.	273670.	2834041.	1615403.	4682045.	2668765.	7996208.	4557837.	0.57
BROILERS	62074.	83800.	317780.	429003.	522842.	705837.	902696.	1218639.	1.35
TURKEYS	7910.	58451.	47867.	353734.	85818.	634196.	141594.	1046381.	7.39
TOTAL		415921.		2398140.		4008798.		6822859.	
INCOME	16155790.	0.	58415152.	0.	73192293.	0.	149763235.	0.	0.0
LABOR	1161606.	0.	4413386.	0.	4252586.	0.	9827578.	0.	0.0
TOTAL OPCAP LIVE	2131541.	0.	13684276.	0.	17937998.	0.	33753815.	0.	0.0
TOTAL OPCAP CROP	3610064.	0.	10683286.	0.	13102501.	0.	27395851.	0.	0.0
TOTAL OPCAP	5741605.	0.	24367563.	0.	31040498.	0.	61149666.	0.	0.0
TOTAL GRAIN FOR SALE		18100756.		56491502.		74546885.		149139144.	
TOTAL CROP PROD.		29757772.		113312389.		124798907.		267869068.	
TOTAL LVSTK. PROD		5367735.		34158238.		58472032.		9798005.	
TOTAL PRODUCTION		35125507.		147470627.		183270939.		365867073.	

Table 126

NORTH WEST REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	1991060.	8800485.	3780856.	16711379.	2703639.	11950082.	8475555.	37461936.	4.42
OATS FOR SALE BUS.	1198525.	1989551.	0.	0.	899277.	1492800.	2097802.	3482351.	1.66
BARLEY FOR SALE BUS.	3300966.	8615519.	2890864.	7545154.	3384175.	8832692.	9576005.	24993360.	2.61
TOTAL		19405556.		24256534.		22275578.		65937668.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	630023.	2784700.	144095.	636901.	774118.	3421601.	4.42
OATS FOR FEED BUS.	911519.	1513121.	4430791.	7355112.	2067238.	3431614.	7409548.	12299847.	1.66
BARLEY FOR FEED BUS.	0.	0.	4254870.	11105207.	1303083.	3401046.	5557953.	14506253.	2.61
TOTAL		1513122.		21245021.		7469562.		30227706.	
WHEAT BUSHELS	1991060.	8800484.	4410877.	19496064.	2847733.	12586976.	9249670.	40883520.	4.42
OATS BUSHELS	2110045.	3502673.	4430790.	7355111.	2966514.	4924413.	9507349.	15782197.	1.66
BARLEY BUSHELS	3300965.	8615517.	7145734.	18650352.	4687257.	12233237.	15133956.	39499584.	2.61
TOTAL		20918676.		45501547.		29745127.		96165350.	
FLAX BUSHELS	159544.	1552364.	323212.	3144856.	206902.	2013158.	689659.	6710378.	9.73
RAPESEED BUSHELS	975339.	6924905.	2138288.	15181844.	1328313.	9431022.	4441940.	31537744.	7.10
RYE BUSHELS	108554.	231221.	242738.	517031.	195435.	416276.	546727.	1164527.	2.13
SUNFLOWERS LBS.	189797.	34163.	375566.	67602.	254078.	45734.	819441.	147499.	0.18
POTATOES CWT.	5223.	13736.	10621.	27932.	6416.	16875.	22260.	58543.	2.63
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	50.00
TOTAL		8756391.		18939266.		11923065.		39618722.	
VEAL CALVES	11447.	2029526.	6382.	1131572.	19339.	3428754.	37168.	6589852.	177.30
STOCKER CALVES	1091.	257159.	30407.	7165783.	14841.	3497521.	46340.	10920462.	235.66
TOTAL CALVES	12538.	0.	36790.	0.	34180.	0.	83508.	0.	0.0
STOCKER CATTLE	6429.	598079.	19403.	1805092.	20508.	1907831.	46340.	4311002.	93.03
FED BEEF	5399.	1142222.	17198.	3654686.	15734.	3443679.	38331.	8145637.	212.51
TOTAL		4032038.		13757135.		12177788.		29966960.	
WEANLING HOGS	21012.	692751.	75896.	2502277.	78939.	2602613.	175846.	5797640.	32.97
MARKET HOGS	25024.	922881.	90414.	3334460.	86269.	3181604.	201707.	7438945.	36.88
TOTAL		1615632.		5836738.		5784219.		13236589.	
FLUID MILK LBS.	1391207.	180857.	4272436.	555417.	4856791.	631383.	10520434.	1367656.	0.13
MANF. MILK LBS.	8139625.	651170.	25165265.	2013220.	22820644.	1825651.	56125534.	4490040.	0.08
TOTAL		832027.		2568637.		2457034.		5857698.	
EGGS DOZ.	421151.	240056.	1398191.	796969.	1336976.	762076.	3156318.	1799101.	0.57
BROILERS	29562.	3909.	97705.	131902.	100709.	135958.	227977.	307768.	1.35
TURKEYS	7119.	52609.	23779.	125727.	22559.	166711.	53457.	395046.	7.39
TOTAL		332574.		1104597.		1064744.		2501915.	
INCOME	15972376.	0.	35535850.	0.	25203395.	0.	76711622.	0.	0.0
LABOR	1221488.	0.	2722333.	0.	1644933.	0.	5588754.	0.	0.0
TOTAL OPCAP LIVE	2997891.	0.	9358288.	0.	7463541.	0.	19819720.	0.	0.0
TOTAL OPCAP CROP	3938409.	0.	5105945.	0.	4045356.	0.	13089710.	0.	0.0
TOTAL OPCAP	6936300.	0.	14464233.	0.	11508897.	0.	32909430.	0.	0.0
TOTAL GRAIN FOR SALE		19405556.		24256534.		22275578.		65937668.	
TOTAL CROP PROD.		29675066.		64440813.		41668193.		135784071.	
TOTAL LVSTK. PROD		6812270.		23267109.		21483785.		51563163.	
TOTAL PRODUCTION		36487336.		87707921.		63151977.		187347235.	

Table 127

INTERLAKE REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	227.	1004.	361.	1594.	1615.	7139.	409.	1809.	4.42
OATS FOR SALE BUS.	329.	546.	0.	0.	0.	0.	203.	336.	1.66
BARLEY FOR SALE BUS.	276.	719.	965.	2517.	162.	423.	456.	1191.	2.61
TOTAL		2269.		4111.		7561.		3336.	
WHEAT FOR SALE	0.	0.	9.	38.	0.	0.	2.	11.	4.42
OATS AS FEED	19.	31.	0.	0.	0.	0.	11.	19.	1.66
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		31.		38.		0.		30.	
WHEAT FOR FEED BUS.	155.	687.	770.	3402.	1283.	5669.	445.	1965.	4.42
OATS FOR FEED BUS.	288.	479.	1922.	3191.	5629.	9344.	1302.	2161.	1.66
BARLEY FOR FEED BUS.	304.	793.	786.	2052.	4881.	12740.	916.	2391.	2.61
TOTAL		1959.		8645.		27753.		6517.	
WHEAT BUSHELS	383.	1691.	1139.	5033.	2898.	12808.	856.	3784.	4.42
OATS BUSHELS	636.	1055.	1922.	3191.	5629.	9344.	1516.	2517.	1.66
BARLEY BUSHELS	580.	1513.	1751.	4570.	5043.	13162.	1372.	3582.	2.61
TOTAL		4259.		12794.		35314.		9883.	
FLAX BUSHELS	51.	496.	150.	1464.	345.	3358.	109.	1065.	9.73
RAPESEED BUSHELS	24.	169.	70.	500.	164.	1164.	52.	366.	7.10
RYE BUSHELS	5.	12.	17.	36.	44.	93.	13.	27.	2.13
SUNFLOWERS LBS.	46.	8.	143.	26.	571.	103.	128.	23.	0.18
POTATOES CWT.	10.	26.	31.	81.	123.	324.	28.	73.	2.63
SUGAR BEETS TONS	1.	35.	2.	110.	9.	450.	2.	92.	50.00
TOTAL		746.		2217.		5492.		1652.	
VEAL CALVES	3.	485.	13.	2387.	7.	1288.	6.	1101.	177.30
STOCKER CALVES	1.	145.	5.	1218.	52.	12254.	7.	1707.	235.66
TOTAL CALVES	3.	0.	19.	0.	59.	0.	13.	0.	0.0
STOCKER CATTLE	2.	164.	10.	904.	33.	3071.	7.	674.	93.03
FED BEEF	1.	316.	8.	1770.	32.	6707.	7.	1389.	212.51
TOTAL		1110.		6279.		23320.		4871.	
WEANLING HOGS	6.	202.	37.	1235.	275.	9080.	43.	1416.	32.97
MARKET HOGS	6.	210.	34.	1272.	220.	8103.	38.	1330.	36.88
TOTAL		412.		2506.		17182.		2746.	
FLUID MILK LBS.	3719.	483.	21082.	2741.	89076.	11580.	17473.	2271.	0.13
MANF. MILK LBS.	3043.	243.	17555.	1404.	126877.	10150.	20012.	1601.	0.08
TOTAL		727.		4145.		21730.		3872.	
EGGS DOZ.	302.	172.	1749.	997.	8882.	5062.	1601.	913.	0.57
BROILERS	16.	21.	99.	133.	824.	1112.	123.	166.	1.35
TURKEYS	19.	138.	106.	784.	455.	3366.	89.	655.	7.39
TOTAL		332.		1914.		9540.		1734.	
INCOME	2100.	0.	6206.	0.	19866.	0.	5100.	0.	0.0
LABOR	345.	0.	1354.	0.	4177.	0.	1027.	0.	0.0
TOTAL OPCAP LIVE	1016.	0.	5746.	0.	21885.	0.	4514.	0.	0.0
TOTAL OPCAP CROP	554.	0.	1035.	0.	1919.	0.	831.	0.	0.0
TOTAL OPCAP	1570.	0.	6781.	0.	23804.	0.	5345.	0.	0.0
TOTAL GRAIN FOR SALE		2300.		4149.		7561.		3366.	
TOTAL CROP PROD.		5005.		15011.		40806.		11535.	
TOTAL LVSTK. PROD		2580.		14844.		71773.		13223.	
TOTAL PRODUCTION		7585.		29855.		112579.		24759.	

Table 128

COMMODITY		FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT
		NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	PRICE
WHEAT FOR SALE	BUS.	0.	0.	1403.	6200.	2273.	10048.	622.	2749.	4.42
OATS FOR SALE	BUS.	306.	508.	0.	0.	0.	0.	195.	324.	1.66
BARLEY FOR SALE	BUS.	0.	0.	1274.	3325.	0.	0.	294.	766.	2.61
	TOTAL		508.		9525.		10048.		3840.	
WHEAT FOR SALE		0.	0.	117.	517.	0.	0.	27.	119.	4.42
OATS AS FEED		200.	333.	0.	0.	0.	0.	128.	212.	1.66
BARLEY (BUSHELS)		0.	0.	0.	0.	0.	0.	0.	0.	2.61
	TOTAL		333.		517.		0.		332.	
WHEAT FOR FEED	BUS.	454.	2008.	106.	468.	2099.	9276.	590.	2608.	4.42
OATS FOR FEED	BUS.	153.	254.	2223.	3690.	5841.	9697.	1377.	2286.	1.66
BARLEY FOR FEED	BUS.	370.	965.	69.	181.	3633.	9482.	729.	1903.	2.61
	TOTAL		3227.		4340.		28455.		6797.	
WHEAT	BUSHELS	454.	2008.	1626.	7185.	4372.	19324.	1239.	5476.	4.42
OATS	BUSHELS	660.	1095.	2223.	3690.	5841.	9697.	1701.	2823.	1.66
BARLEY	BUSHELS	370.	965.	1343.	3506.	3633.	9482.	1023.	2670.	2.61
	TOTAL		4069.		14382.		38502.		10969.	
FLAX	BUSHELS	28.	270.	92.	898.	241.	2348.	71.	688.	9.73
RAPESEED	BUSHELS	25.	180.	88.	624.	234.	1660.	67.	477.	7.10
RYE	BUSHELS	4.	9.	12.	25.	29.	61.	9.	19.	2.13
SUNFLOWERS	LBS.	260.	47.	1000.	180.	2760.	497.	759.	137.	0.18
POTATDES	CWT.	32.	83.	120.	315.	329.	866.	91.	240.	2.63
SUGAR BEETS	TONS	5.	228.	18.	879.	49.	2429.	13.	667.	50.00
	TOTAL		816.		2922.		7860.		2227.	
VEAL CALVES		1.	177.	3.	508.	8.	1332.	2.	405.	177.30
STOCKER CALVES		0.	27.	3.	784.	23.	5335.	4.	899.	235.66
TOTAL CALVES		1.	0.	6.	0.	30.	0.	6.	0.	0.0
STOCKER CATTLE		1.	69.	4.	346.	19.	1757.	4.	355.	93.03
FED BEEF		1.	129.	3.	677.	16.	3461.	3.	693.	212.51
	TOTAL		403.		2315.		11885.		2352.	
WEANLING HOGS		6.	206.	42.	1381.	234.	7728.	44.	1465.	32.97
MARKET HOGS		6.	238.	43.	1600.	243.	8971.	46.	1699.	36.88
	TOTAL		444.		2981.		16699.		3164.	
FLUID MILK	LBS.	3380.	439.	18955.	2464.	99728.	12965.	19625.	2551.	0.13
MANF. MILK	LBS.	2882.	231.	18359.	1469.	148372.	11870.	25559.	2045.	0.08
	TOTAL		670.		3933.		24834.		4596.	
EGGS	DOZ.	722.	411.	4089.	2331.	21597.	12310.	4240.	2417.	0.57
BROILERS		101.	137.	757.	1021.	4369.	5898.	813.	1098.	1.35
TURKEYS		17.	128.	108.	801.	594.	4389.	114.	843.	7.39
	TOTAL		676.		4153.		22598.		4357.	
INCOME		1840.	0.	7175.	0.	22126.	0.	5734.	0.	0.0
LABOR		326.	0.	1299.	0.	4426.	0.	1088.	0.	0.0
TOTAL OPCAP LIVE		758.	0.	4306.	0.	20596.	0.	4181.	0.	0.0
TOTAL OPCAP CRDP		311.	0.	2464.	0.	3362.	0.	1208.	0.	0.0
	TOTAL OPCAP	1069.	0.	6770.	0.	23957.	0.	5390.	0.	0.0
TOTAL GRAIN FOR SALE			841.		10042.		10048.		4171.	
TOTAL CRDP PROD.			4885.		17304.		46363.		13196.	
TOTAL LYSTK. PROD			2193.		13382.		76016.		14468.	
TOTAL PRODUCTION			7078.		30686.		122378.		27664.	

Table 129

CENTRAL REGION									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	668.	2955.	1518.	6707.	3980.	17592.	1655.	7317.	4.42
OATS FOR SALE BUS.	330.	548.	0.	0.	855.	1419.	290.	481.	1.66
BARLEY FOR SALE BUS.	601.	1569.	512.	1338.	7951.	20752.	1956.	5104.	2.61
TOTAL		5072.		8045.		39763.		12902.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	528.	2332.	2848.	12588.	763.	3372.	4.42
OATS FOR FEED BUS.	232.	385.	1657.	2750.	4690.	7785.	1680.	2789.	1.66
BARLEY FOR FEED BUS.	69.	180.	1375.	3588.	268.	700.	660.	1722.	2.61
TOTAL		566.		8671.		21074.		7883.	
WHEAT BUSHELS	668.	2955.	2045.	9040.	6828.	30180.	2418.	10689.	4.42
OATS BUSHELS	562.	934.	1657.	2750.	5545.	9205.	1970.	3270.	1.66
BARLEY BUSHELS	670.	1749.	1887.	4926.	8219.	21452.	2616.	6827.	2.61
TOTAL		5637.		16716.		60837.		20785.	
FLAX BUSHELS	73.	713.	225.	2185.	745.	7253.	265.	2575.	9.73
RAPESEED BUSHELS	123.	870.	361.	2564.	1182.	8394.	424.	3013.	7.10
RYE BUSHELS	15.	33.	38.	82.	160.	340.	52.	112.	2.13
SUNFLOWERS LBS.	2985.	537.	9395.	1691.	34818.	6267.	11730.	2111.	0.16
POTATOES CWT.	92.	243.	290.	762.	1105.	2907.	368.	967.	2.63
SUGAR BEETS TONS	10.	515.	32.	1619.	121.	6029.	41.	2027.	50.00
TOTAL		2911.		8903.		31190.		10805.	
VEAL CALVES	1.	222.	5.	948.	5.	821.	4.	643.	177.30
STOCKER CALVES	0.	96.	2.	389.	26.	6174.	6.	1371.	235.66
TOTAL CALVES	2.	0.	7.	0.	31.	0.	9.	0.	0.0
STOCKER CATTLE	1.	93.	4.	394.	19.	1786.	6.	541.	93.03
FED BEEF	1.	232.	5.	1089.	24.	5186.	7.	1536.	212.51
TOTAL		650.		2821.		13967.		4092.	
WEANLING HOGS	9.	288.	41.	1362.	229.	7549.	64.	2118.	32.97
MARKET HOGS	9.	333.	43.	1580.	219.	8026.	63.	2328.	36.88
TOTAL		622.		2942.		15624.		4446.	
FLUID MILK LBS.	1094.	142.	4658.	605.	24996.	3250.	7131.	927.	0.13
MANF. MILK LBS.	1988.	159.	8796.	704.	63167.	5053.	16460.	1317.	0.08
TOTAL		301.		1309.		8303.		2244.	
EGGS DOZ.	433.	247.	1899.	1082.	10136.	5778.	2892.	1648.	0.57
BROILERS	24.	32.	116.	156.	540.	729.	161.	217.	1.35
TURKEYS	5.	38.	22.	163.	124.	915.	35.	257.	7.39
TOTAL		318.		1402.		7421.		2122.	
INCOME	4509.	0.	13707.	0.	51823.	0.	17366.	0.	0.0
LABOR	361.	0.	1046.	0.	3747.	0.	1293.	0.	0.0
TOTAL OPCAP LIVE	649.	0.	2829.	0.	12648.	0.	3845.	0.	0.0
TOTAL OPCAP CROP	1469.	0.	2867.	0.	12150.	0.	4084.	0.	0.0
TOTAL OPCAP	2118.	0.	5695.	0.	24798.	0.	7929.	0.	0.0
TOTAL GRAIN FOR SALE		5072.		8045.		39763.		12902.	
TOTAL CROP PROD.		8548.		25618.		92027.		31590.	
TOTAL LVSTK. PROD		1891.		8474.		45316.		12904.	
TOTAL PRODUCTION		10439.		34092.		137344.		44494.	

Table 130

SOUTH WEST REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	801.	3539.	1976.	8733.	5756.	25442.	2246.	9927.	4.42
OATS FOR SALE BUS.	385.	639.	0.	0.	4453.	7392.	929.	1542.	1.66
BARLEY FOR SALE BUS.	610.	1593.	1653.	4313.	4996.	13040.	1891.	4932.	2.61
TOTAL		5770.		13047.		45875.		16403.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	294.	1301.	606.	2679.	249.	1099.	4.42
OATS FOR FEED BUS.	325.	539.	1956.	3248.	1825.	3029.	1370.	2274.	1.66
BARLEY FOR FEED BUS.	428.	1116.	1021.	2665.	3072.	8019.	1183.	3087.	2.61
TOTAL		1655.		7214.		13727.		6460.	
WHEAT BUSHELS	801.	3539.	2270.	10035.	6362.	28121.	2495.	11026.	4.42
OATS BUSHELS	709.	1178.	1956.	3248.	6278.	10422.	2299.	3816.	1.66
BARLEY BUSHELS	1038.	2209.	2673.	6978.	8069.	21059.	3073.	8022.	2.61
TOTAL		7425.		20260.		59602.		22863.	
FLAX BUSHELS	74.	721.	240.	2337.	682.	6633.	262.	2547.	9.73
RAPESEED BUSHELS	145.	1030.	382.	2710.	1008.	7159.	412.	2925.	7.10
RYE BUSHELS	40.	86.	114.	243.	406.	864.	141.	300.	2.13
SUNFLOWERS LBS.	839.	151.	2413.	434.	9255.	1666.	3093.	557.	0.18
POTATOES CWT.	27.	72.	69.	182.	329.	865.	101.	266.	2.63
SUGAR BEETS TONS	0.	1.	0.	2.	0.	11.	0.	3.	50.00
TOTAL		2061.		5909.		17197.		6599.	
VEAL CALVES	2.	321.	10.	1826.	2.	388.	6.	1050.	177.30
STOCKER CALVES	1.	183.	2.	507.	48.	11241.	10.	2314.	235.66
TOTAL CALVES	3.	0.	12.	0.	50.	0.	16.	0.	0.0
STOCKER CATTLE	1.	139.	7.	691.	32.	3002.	10.	913.	93.03
FED BEEF	1.	316.	7.	1494.	29.	6026.	9.	1906.	212.51
TOTAL		959.		4517.		20706.		6183.	
WEANLING HOGS	6.	200.	28.	908.	126.	4167.	38.	1246.	32.97
MARKET HOGS	6.	237.	29.	1077.	125.	4593.	38.	1416.	36.88
TOTAL		437.		1986.		8759.		2662.	
FLUID MILK LBS.	349.	45.	1600.	208.	7106.	924.	2152.	280.	0.13
MANF. MILK LBS.	1716.	137.	7809.	625.	39081.	3126.	11296.	904.	0.08
TOTAL		183.		833.		4050.		1183.	
EGGS DOZ.	153.	87.	655.	373.	2881.	1642.	879.	501.	0.57
BROILERS	20.	27.	73.	99.	322.	434.	99.	134.	1.35
TURKEYS	3.	19.	11.	82.	53.	390.	16.	115.	7.39
TOTAL		133.		554.		2467.		750.	
INCOME	5150.	0.	13491.	0.	46272.	0.	16472.	0.	0.0
LABOR	370.	0.	1019.	0.	2617.	0.	1081.	0.	0.0
TOTAL OPCAP LIVE	679.	0.	3160.	0.	11039.	0.	3712.	0.	0.0
TOTAL OPCAP CROP	1151.	0.	2467.	0.	8063.	0.	3013.	0.	0.0
TOTAL OPCAP	1830.	0.	5628.	0.	19102.	0.	6726.	0.	0.0
TOTAL GRAIN FOR SALE		5770.		13047.		45875.		16403.	
TOTAL CROP PROD.		9486.		26169.		76799.		29462.	
TOTAL LVSTK. PROD		1711.		7889.		35983.		10778.	
TOTAL PRODUCTION		11197.		34058.		112782.		40241.	

Table 131

NORTH WEST REGION									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	581.	2569.	1498.	6621.	4192.	18527.	1285.	5681.	4.42
OATS FOR SALE BUS.	350.	581.	0.	0.	1394.	2314.	318.	528.	1.66
BARLEY FOR SALE BUS.	964.	2515.	1145.	2989.	5247.	13694.	1452.	3290.	2.61
TOTAL		5666.		9610.		34536.		10000.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	4.42
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	1.66
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	250.	1103.	223.	987.	117.	519.	4.42
OATS FOR FEED BUS.	266.	442.	1755.	2914.	3205.	5320.	1124.	1865.	1.66
BARLEY FOR FEED BUS.	0.	0.	1686.	4400.	2020.	5273.	843.	2200.	2.61
TOTAL		442.		8417.		11581.		4584.	
WHEAT BUSHELS	581.	2569.	1748.	7724.	4415.	19515.	1403.	6200.	4.42
OATS BUSHELS	616.	1023.	1755.	2914.	4599.	7635.	1442.	2393.	1.66
BARLEY BUSHELS	964.	2515.	2831.	7389.	7267.	18967.	2295.	5990.	2.61
TOTAL		6108.		18028.		46116.		14584.	
FLAX BUSHELS	47.	453.	128.	1246.	321.	3121.	105.	1018.	9.73
RAPESEED BUSHELS	285.	2022.	847.	6015.	2059.	14622.	674.	4783.	7.10
RYE BUSHELS	32.	68.	96.	205.	303.	645.	83.	177.	2.13
SUNFLOWERS LBS.	55.	10.	149.	27.	394.	71.	124.	22.	0.18
POTATOES CWT.	2.	4.	4.	11.	10.	26.	3.	9.	2.63
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	50.00
TOTAL		2557.		7504.		18485.		6008.	
VEAL CALVES	3.	593.	3.	448.	30.	5316.	6.	999.	177.30
STOCKER CALVES	0.	75.	12.	2839.	23.	5423.	7.	1656.	235.66
TOTAL CALVES	4.	0.	15.	0.	53.	0.	13.	0.	0.0
STOCKER CATTLE	2.	175.	8.	715.	32.	2958.	7.	654.	93.03
FED BEEF	2.	335.	7.	1448.	24.	5184.	6.	1235.	212.51
TOTAL		1177.		5451.		18880.		4545.	
WEANLING HOGS	6.	202.	30.	991.	122.	4035.	27.	879.	32.97
MARKET HOGS	7.	269.	36.	1321.	134.	4933.	31.	1128.	36.88
TOTAL		472.		2312.		8968.		2007.	
FLUID MILK LBS.	406.	53.	1693.	220.	7530.	979.	1595.	207.	0.13
MANF. MILK LBS.	2377.	190.	9970.	798.	35381.	2830.	8512.	581.	0.08
TOTAL		243.		1018.		3809.		888.	
EGGS DOZ.	123.	70.	554.	316.	2073.	1182.	479.	273.	0.57
BROILERS	9.	12.	39.	52.	156.	211.	35.	47.	1.35
TURKEYS	2.	15.	9.	70.	35.	258.	8.	60.	7.39
TOTAL		97.		438.		1651.		379.	
INCOME -	4663.	0.	14079.	0.	39075.	0.	11634.	0.	0.0
LABOR	357.	0.	1079.	0.	2550.	0.	848.	0.	0.0
TOTAL OPCAP LIVE	875.	0.	3708.	0.	11571.	0.	3006.	0.	0.0
TOTAL OPCAP CROP	1150.	0.	2023.	0.	6272.	0.	1985.	0.	0.0
TOTAL OPCAP	2025.	0.	5731.	0.	17843.	0.	4991.	0.	0.0
TOTAL GRAIN FOR SALE		5666.		9610.		34536.		10000.	
TOTAL CROP PROD.		8664.		25531.		64602.		20592.	
TOTAL LVSTK. PROD		1989.		9218.		33308.		7820.	
TOTAL PRODUCTION		10653.		34750.		97910.		28412.	

Table 132

PROVINCE REGION		FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT
COMMODITY		NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	PRICE
WHEAT FOR SALE	BUS.	452.	1997.	1543.	6822.	4100.	18120.	1408.	6226.	4.42
OATS FOR SALE	BUS.	339.	563.	0.	0.	1844.	3061.	435.	721.	1.66
BARLEY FOR SALE	BUS.	489.	1276.	1125.	2937.	4830.	12605.	1376.	2592.	2.61
TOTAL			3835.		9758.		33787.		10539.	
WHEAT FOR SALE		0.	0.	13.	56.	0.	0.	5.	21.	4.42
OATS AS FEED		48.	80.	0.	0.	0.	0.	23.	38.	1.66
BARLEY (BUSHELS)		0.	0.	0.	0.	0.	0.	0.	0.	2.61
TOTAL			80.		56.		0.		59.	
WHEAT FOR FEED	BUS.	128.	566.	378.	1673.	1572.	6950.	438.	1936.	4.42
OATS FOR FEED	BUS.	248.	412.	1856.	3081.	3864.	6413.	1396.	2317.	1.66
BARLEY FOR FEED	BUS.	230.	599.	1131.	2952.	2267.	5918.	875.	2283.	2.61
TOTAL			1578.		7705.		19281.		6536.	
WHEAT	BUSHELS	580.	2563.	1934.	8550.	5672.	25070.	1851.	8183.	4.42
OATS	BUSHELS	636.	1055.	1856.	3081.	5708.	9475.	1853.	3076.	1.66
BARLEY	BUSHELS	718.	1875.	2256.	5889.	7097.	18523.	2251.	5874.	2.61
TOTAL			5493.		17520.		53068.		17133.	
FLAX	BUSHELS	54.	525.	191.	1858.	563.	5479.	182.	1768.	9.73
RAPESEED	BUSHELS	122.	868.	406.	2879.	1006.	7146.	361.	2565.	7.10
RYE	BUSHELS	19.	41.	69.	148.	225.	479.	69.	147.	2.13
SUNFLOWERS	LBS.	867.	156.	3632.	654.	14797.	2664.	3989.	718.	0.18
POTATOES	CWT.	34.	89.	122.	320.	525.	1381.	140.	369.	2.63
SUGAR BEETS	TONS	3.	166.	11.	565.	47.	2375.	13.	646.	50.00
TOTAL			1845.		6424.		19523.		6212.	
VEAL CALVES		2.	352.	7.	1230.	8.	1360.	5.	835.	177.30
STOCKER CALVES		0.	101.	4.	1012.	34.	8083.	7.	1634.	235.66
TOTAL CALVES		2.	0.	11.	0.	42.	0.	12.	0.	0.0
STOCKER CATTLE		1.	125.	6.	595.	26.	2421.	7.	645.	93.03
FED BEEF		1.	262.	6.	1312.	25.	5346.	7.	1417.	212.51
TOTAL			839.		4150.		17211.		4531.	
WEANLING HOGS		7.	221.	34.	1133.	189.	6219.	44.	1459.	32.97
MARKET HOGS		7.	260.	36.	1340.	183.	6732.	44.	1632.	36.88
TOTAL			481.		2473.		12951.		3092.	
FLUID MILK	LBS.	1760.	229.	6083.	791.	33935.	4412.	8188.	1064.	0.13
MANF. MILK	LBS.	2394.	191.	10488.	839.	70395.	5632.	15583.	1247.	0.08
TOTAL			420.		1630.		10043.		2311.	
EGGS	DOZ.	359.	204.	1444.	823.	8441.	4811.	1973.	1125.	0.57
BROILERS		36.	49.	151.	203.	1012.	1366.	225.	303.	1.35
TURKEYS		9.	67.	33.	242.	189.	1399.	45.	331.	7.39
TOTAL			320.		1268.		7576.		1759.	
INCOME		3662.	0.	12342.	0.	41294.	0.	12553.	0.	0.0
LABOR		351.	0.	1098.	0.	3383.	0.	1086.	0.	0.0
TOTAL OPCAP LIVE		787.	0.	3528.	0.	14003.	0.	3793.	0.	0.0
TOTAL OPCAP CROP		930.	0.	2363.	0.	7940.	0.	2516.	0.	0.0
TOTAL OPCAP		1717.	0.	5891.	0.	21944.	0.	6310.	0.	0.0
TOTAL GRAIN FOR SALE			3915.		9814.		33787.		10598.	
TOTAL CROP PROD.			7337.		23944.		72591.		23345.	
TOTAL LVSTK. PROD			2060.		9520.		47781.		11693.	
TOTAL PRODUCTION			9397.		33464.		120372.		35038.	

APPENDIX D

Detailed results for the 'Constrained Optimum 1971' solution are given in this appendix by region, for a) all farms in the region, and b) the average farm in the region as indicated below.

Crop District (C.D.) or Administrative Region (A.R.)	Total (All Farms) or Average (1 Farm)	Table No.
C.D. 1	Total	133
C.D. 2	Total	134
C.D. 3	Total	135
C.D. 4	Total	136
C.D. 5	Total	137
C.D. 6	Total	138
C.D. 7	Total	139
C.D. 8	Total	140
C.D. 9	Total	141
C.D. 10	Total	142
C.D. 11	Total	143
C.D. 12	Total	144
C.D. 13	Total	145
C.D. 14	Total	146
Province	Total	147
A.R. Interlake	Total	148
A.R. Eastern	Total	149
A.R. Central	Total	150
A.R. South West	Total	151
A.R. North West	Total	152
A.R. Interlake	Average	153
A.R. Eastern	Average	154
A.R. Central	Average	155
A.R. South West	Average	156
A.R. North West	Average	157
Province	Average	158

Table 133

CROP DISTRICT 1

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	448152.	645338.	1931488.	2781342.	0.	0.	2379640.	3426680.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	462342.	332886.	774283.	557484.	3074118.	2213364.	4310743.	3103734.	0.72
TOTAL		978225.		3338826.		2213365.		6530416.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHEL)S)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	904302.	1302193.	2979764.	4290859.	3884066.	5593052.	1.44
OATS FOR FEED BUS.	340322.	190580.	2153474.	1205945.	2262809.	1267172.	4756604.	2663697.	0.56
BARLEY FOR FEED BUS.	0.	0.	2151299.	1548319.	0.	0.	2151299.	1548319.	0.72
TOTAL		190580.		4057074.		5558032.		9805687.	
WHEAT BUSHEL	448152.	645339.	2835790.	4083536.	2979765.	4290800.	6263707.	9019734.	1.44
OATS BUSHEL	340322.	190580.	2153473.	1205944.	2262808.	1267172.	4756603.	2663696.	0.56
BARLEY BUSHEL	462342.	332886.	2925583.	2106419.	3074117.	2213364.	6462042.	4652669.	0.72
TOTAL		1168805.		7395901.		7771397.		16336103.	
FLAX BUSHEL	53945.	111666.	427964.	885885.	358682.	742472.	840591.	1740022.	2.07
RAPSEED BUSHEL	48726.	96477.	205552.	406993.	323982.	641484.	578260.	1144954.	1.98
RYE BUSHEL	31565.	18939.	299607.	179764.	209879.	125927.	541051.	324630.	0.60
SUNFLOWERS LBS.	479531.	28772.	2023902.	121374.	3188409.	191305.	5690842.	341450.	0.06
POTATOES CWT.	794.	1453.	3350.	6130.	5280.	9662.	9424.	17246.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		257307.		1600147.		1710850.		3568304.	
VEAL CALVES	0.	0.	895.	138367.	0.	0.	895.	138367.	154.60
STOCKER CALVES	1387.	302713.	48018.	10479839.	19188.	4187780.	68593.	14970331.	218.25
TOTAL CALVES	1387.	0.	48913.	0.	19188.	0.	0.	0.	0.0
STOCKER CATTLE	645.	22859.	59190.	2097678.	8758.	310383.	68593.	2430919.	35.44
FED BEEF	616.	74819.	56263.	6823218.	9613.	1166834.	66492.	8071420.	121.39
TOTAL		400390.		19545604.		5665048.		25611041.	
WEANLING HOGS	1439.	19772.	17155.	235710.	19531.	268356.	38125.	523837.	13.74
MARKET HOGS	1197.	25033.	17155.	359569.	19531.	409320.	37883.	794027.	20.96
TOTAL		44861.		595278.		677725.		1317865.	
FLUID MILK LBS.	94637.	7155.	1356590.	102558.	1284077.	97076.	2735304.	206789.	0.08
MANF. MILK LBS.	624649.	31732.	8954150.	454371.	8475531.	430557.	18054330.	917160.	0.05
TOTAL		38887.		557429.		527633.		1123949.	
EGGS DOZ.	24004.	4729.	344097.	67787.	325704.	64164.	693805.	136679.	0.20
BROILERS	1497.	1219.	14307.	11650.	20313.	16541.	36117.	29410.	0.81
TURKEYS	78.	324.	744.	3095.	1057.	4397.	1879.	7817.	4.16
TOTAL		6272.		82532.		85102.		173906.	
INCOME	7586.	0.	0.	0.	1225738.	0.	1233324.	0.	0.0
LABOR	189270.	0.	1709692.	0.	896836.	0.	2795798.	0.	0.0
TOTAL OPCAP LIVE	212783.	0.	6925247.	0.	2741483.	0.	9879513.	0.	0.0
TOTAL OPCAP CROP	401487.	0.	1485079.	0.	1200000.	0.	3086566.	0.	0.0
TOTAL OPCAP	614270.	0.	8410326.	0.	3941483.	0.	12966079.	0.	0.0
TOTAL GRAIN FOR SALE		978225.		3338826.		2213365.		6530416.	
TOTAL CROP PROD.		1426112.		8996347.		9482247.		19904407.	
TOTAL LVSTK. PROD		490410.		2078043.		6955508.		28226761.	
TOTAL PRODUCTION		1916523.		29775891.		16437754.		48131168.	

Table 134

CROP DISTRICT 2

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	1803891.	2597601.	0.	0.	1803891.	2597601.	1.44
OATS FOR SALE BUS.	0.	0.	609532.	341338.	0.	0.	609532.	341338.	0.56
BARLEY FOR SALE BUS.	711752.	512461.	4228945.	3044840.	2568206.	1849108.	7508903.	5406409.	0.72
TOTAL		512461.		5983780.		1849108.		8345349.	
WHEAT FOR FEED BUS.	645592.	929652.	1051655.	1514382.	3544228.	5103686.	5241475.	7547719.	1.44
OATS FOR FEED BUS.	452242.	253255.	2077513.	1163407.	3335087.	1867648.	5864842.	3284310.	0.56
BARLEY FOR FEED BUS.	0.	0.	0.	0.	2680654.	1930070.	2680654.	1930070.	0.72
TOTAL		1182907.		2677790.		8901406.		12762103.	
WHEAT BUSHELS	645592.	929652.	2855545.	4111983.	3544227.	5103685.	7045364.	10145319.	1.44
OATS BUSHELS	452242.	253255.	2687044.	1504744.	3335088.	1867649.	6474374.	3625648.	0.56
BARLEY BUSHELS	711752.	512461.	4228947.	3044841.	5248862.	3729180.	10189561.	7336482.	0.72
TOTAL		1695369.		8661570.		10750515.		21107453.	
FLAX BUSHELS	56094.	116115.	222194.	459941.	275782.	570869.	554070.	1146924.	2.07
RAPESEED BUSHELS	80549.	159487.	319061.	631741.	396010.	784099.	795620.	1575326.	1.98
RYE BUSHELS	8096.	4858.	32069.	19241.	39803.	23882.	79968.	47981.	0.60
SUNFLOWERS LBS.	487413.	29245.	1930676.	115941.	2396306.	143778.	4814395.	288864.	0.06
POTATOES CWT.	167.	306.	441.	807.	822.	1504.	1430.	2617.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		310009.		1227571.		1524132.		3061713.	
VEAL CALVES	0.	0.	2057.	318012.	0.	0.	2057.	318012.	154.60
STOCKER CALVES	1230.	268447.	47822.	10437258.	22860.	4989194.	71912.	15694899.	218.25
TOTAL CALVES	1230.	0.	49879.	0.	22860.	0.	0.	0.	0.0
STOCKER CATTLE	629.	22277.	56494.	2002142.	14790.	524157.	71912.	2548576.	35.44
FED BEEF	698.	84699.	54073.	6563866.	16820.	2041726.	71590.	8690290.	121.39
TOTAL		375423.		19321280.		7555078.		27251780.	
WEANLING HOGS	4035.	55441.	55350.	760509.	71967.	988826.	131352.	1804775.	13.74
MARKET HOGS	4485.	94005.	61522.	1289500.	79991.	1676609.	145998.	3060114.	20.96
TOTAL		149446.		2050009.		2665435.		4864891.	
FLUID MILK LBS.	161009.	12172.	2208629.	166972.	4307483.	325646.	6677121.	504790.	0.08
MANF. MILK LBS.	1367246.	69456.	18755184.	952763.	24385440.	1238780.	44507870.	2260999.	0.05
TOTAL		81628.		1119736.		1564426.		2765790.	
EGGS DOZ.	85580.	16859.	1173938.	231266.	1526350.	300691.	2785868.	548816.	0.20
BROILERS	23487.	19125.	214789.	174903.	418902.	341112.	657178.	535140.	0.81
TURKEYS	280.	1165.	2559.	10645.	4991.	20763.	7830.	32573.	4.16
TOTAL		37150.		416814.		662565.		1116529.	
INCOME	-181349.	0.	0.	0.	1061337.	0.	879988.	0.	0.0
LABOR	253065.	0.	1988310.	0.	1425068.	0.	3666443.	0.	0.0
TOTAL OPCAP LIVE	288424.	0.	7665442.	0.	4586843.	0.	12540709.	0.	0.0
TOTAL OPCAP CROP	385112.	0.	2786356.	0.	1389757.	0.	4561225.	0.	0.0
TOTAL OPCAP	673537.	0.	10451798.	0.	5976600.	0.	17101935.	0.	0.0
TOTAL GRAIN FOR SALE		512461.		5983780.		1849108.		8345349.	
TOTAL CROP PROD.		2005378.		9889141.		12274647.		24169166.	
TOTAL LVSTK. PROD		643648.		22907838.		12447504.		35998990.	
TOTAL PRODUCTION		2649025.		32796979.		24722151.		60168156.	

Table 135

CROP DISTRICT 3

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	4314289.	6212574.	4240314.	6106050.	8554603.	12318624.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	2795868.	1565686.	2795868.	1565686.	0.56
BARLEY FOR SALE BUS.	956387.	688599.	3947424.	2842144.	0.	0.	4903811.	3530742.	0.72
TOTAL		688599.		9054719.		7671737.		17415054.	
WHEAT FOR SALE AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	1254392.	1806374.	0.	0.	2945442.	4241434.	4199834.	6047758.	1.44
OATS FOR FEED BUS.	905587.	507129.	4671943.	2616288.	4985586.	2791927.	10563117.	5915343.	0.56
BARLEY FOR FEED BUS.	0.	0.	986599.	710351.	8194107.	5899756.	9180706.	66110107.	0.72
TOTAL		2313453.		3326639.		12933120.		18573212.	
WHEAT BUSHELS	1254391.	1806322.	4314288.	6212572.	7185755.	10347484.	12754434.	18366368.	1.44
OATS BUSHELS	905587.	507129.	4671944.	2616288.	7781454.	4357613.	13358985.	7481029.	0.56
BARLEY BUSHELS	956387.	688599.	4934022.	3552495.	8194108.	5899757.	14084517.	10140850.	0.72
TOTAL		3002050.		12381357.		20604855.		35988262.	
FLAX BUSHELS	98089.	203044.	337361.	698337.	561898.	1163128.	997348.	2064509.	2.07
RAPESEED BUSHELS	150896.	298774.	518944.	1027588.	864404.	1711519.	1534284.	3037880.	1.98
RYE BUSHELS	12394.	7436.	42626.	25576.	70997.	42598.	126017.	75610.	0.60
SUNFLOWERS LBS.	5575939.	334556.	19177588.	1150654.	31941616.	1916496.	56695123.	3401706.	0.06
POTATOES CWT.	246631.	451335.	565500.	1034865.	1412818.	2585456.	2224949.	4071655.	1.83
SUGAR BEETS TONS	35794.	521988.	82072.	1311509.	205045.	3276618.	322911.	5160115.	15.98
TOTAL		1867133.		5248529.		10695818.		17811480.	
VEAL CALVES	0.	0.	3024.	467510.	0.	0.	3024.	467510.	154.60
STOCKER CALVES	1364.	297693.	73236.	15983675.	17786.	3881792.	92386.	20163152.	218.25
TOTAL CALVES	1364.	0.	76260.	0.	17786.	0.	0.	0.	0.0
STOCKER CATTLE	964.	34151.	79997.	2335092.	11425.	404902.	92386.	3274143.	35.44
FED BEEF	1200.	145668.	76920.	9337371.	14189.	1722385.	92309.	11205423.	121.39
TOTAL		477512.		28623650.		6009080.		35110241.	
WEANLING HOGS	17985.	247114.	111766.	1535663.	207592.	2852313.	337343.	4635089.	13.74
MARKET HOGS	17985.	326965.	91050.	1908405.	207592.	4351125.	316627.	6636495.	20.96
TOTAL		624079.		3444070.		7203438.		11271587.	
FLUID MILK LBS.	2100826.	158822.	14448011.	1092269.	36372496.	2749759.	52921333.	4000850.	0.08
MANF. MILK LBS.	3396492.	172542.	23358672.	1186620.	39203264.	1991525.	65958428.	3350886.	0.05
TOTAL		331364.		2278890.		4741285.		7351539.	
EGGS DOZ.	800490.	157696.	5505201.	1084524.	9239479.	1820177.	15545170.	3062397.	0.20
BROILERS	34474.	28072.	158058.	128707.	397908.	324016.	590440.	480795.	0.81
TURKEYS	14190.	59030.	65061.	220654.	163791.	681370.	243042.	1011054.	4.16
TOTAL		244799.		1483885.		2825564.		4554248.	
INCOME	-991065.	0.	0.	0.	-3315360.	0.	-4306425.	0.	0.0
LABOR	637212.	0.	3357380.	0.	3871212.	0.	7865804.	0.	0.0
TOTAL OPCAP LIVE	760464.	0.	11367834.	0.	7915403.	0.	20043701.	0.	0.0
TOTAL OPCAP CROP	1213977.	0.	5890694.	0.	7436310.	0.	14540981.	0.	0.0
TOTAL OPCAP	1974441.	0.	17258528.	0.	15351713.	0.	34584682.	0.	0.0
TOTAL GRAIN FOR SALE		688599.		9054719.		7671737.		17415054.	
TOTAL CROP PROD.		4869183.		17629886.		31300673.		53799742.	
TOTAL LVSTK. PROD		1677754.		35830444.		20779367.		58287615.	
TOTAL PRODUCTION		6546937.		53460380.		52080040.		112087358.	

Table 136

CROP DISTRICT 4

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	300863.	433243.	295628.	425705.	630636.	908116.	1227128.	1767063.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	259703.	186986.	41044.	29552.	300748.	216538.	0.72
TOTAL		433243.		612691.		937668.		1983602.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS FOR FEED	0.	0.	0.	0.	1106130.	619432.	1106130.	519432.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		619432.		619432.	
WHEAT FOR FEED BUS.	0.	0.	135472.	195079.	0.	0.	135472.	195079.	1.44
OATS FOR FEED BUS.	823629.	461232.	1180160.	660889.	620267.	347350.	2624056.	1469470.	0.56
BARLEY FOR FEED BUS.	755873.	544229.	823372.	592827.	1543331.	1111198.	3122576.	2464254.	0.72
TOTAL		1005461.		1448796.		1458548.		3912804.	
WHEAT BUSHELS	300863.	433243.	431100.	620784.	630636.	908115.	1362599.	1962141.	1.44
OATS BUSHELS	823629.	461232.	1180159.	660889.	1726396.	966782.	3730184.	2088902.	0.56
BARLEY BUSHELS	755873.	544228.	1083074.	779813.	1584374.	1140749.	3423321.	2464290.	0.72
TOTAL		1438703.		2061486.		3015646.		6515835.	
FLAX BUSHELS	23013.	47637.	49463.	102388.	48238.	99853.	120714.	249878.	2.07
RAPESEED BUSHELS	9335.	18483.	13377.	26486.	29352.	58117.	52064.	103087.	1.98
RYE BUSHELS	1250.	750.	2687.	1612.	2621.	1573.	6558.	3935.	0.50
SUNFLOWERS LBS.	56039.	3362.	53532.	3212.	117463.	7048.	227034.	13622.	0.06
POTATOES CWT.	18978.	34730.	18129.	33176.	39779.	72796.	76886.	140701.	1.83
SUGAR BEETS TONS	780.	12464.	745.	11905.	1635.	26127.	3160.	50497.	15.98
TOTAL		117427.		178780.		265513.		561720.	
VEAL CALVES	0.	0.	36026.	5569591.	0.	0.	36026.	5569591.	154.60
STOCKER CALVES	572.	124839.	0.	0.	7581.	1654552.	8153.	1779390.	218.25
TOTAL CALVES	572.	0.	36026.	0.	7581.	0.	0.	0.	0.0
STOCKER CATTLE	393.	13935.	2655.	94086.	5105.	180921.	8153.	288942.	35.44
FED BEEF	475.	57660.	2740.	332610.	6122.	743091.	9337.	1133361.	121.39
TOTAL		196434.		5996288.		2578565.		8771286.	
WEANLING HOGS	7233.	99381.	22928.	315031.	87848.	1207030.	118009.	1621441.	13.74
MARKET HOGS	6029.	126358.	19113.	400608.	73230.	1534898.	98372.	2061823.	20.96
TOTAL		225749.		715639.		2741930.		3683317.	
FLUID MILK LBS.	1139293.	86131.	5417469.	409560.	20756912.	1569221.	27313674.	2064911.	0.08
MANF. MILK LBS.	1840961.	93521.	8753978.	444702.	22360432.	1135909.	32955371.	1674131.	0.05
TOTAL		179651.		854263.		2705132.		3739046.	
EGGS DOZ.	110422.	21753.	525069.	103439.	1341193.	264215.	1976684.	389407.	0.20
BROILERS	11694.	9522.	37069.	30185.	142031.	115656.	190794.	155363.	0.81
TURKEYS	8504.	35377.	26958.	112145.	103287.	429674.	138749.	527195.	4.16
TOTAL		66652.		245769.		809544.		1121966.	
INCOME	-650886.	0.	0.	0.	-319048.	0.	-969934.	0.	0.0
LABOR	254551.	0.	772294.	0.	937262.	0.	1964107.	0.	0.0
TOTAL OPCAP LIVE	321862.	0.	4106950.	0.	3624457.	0.	8053269.	0.	0.0
TOTAL OPCAP CROP	189693.	0.	274284.	0.	374673.	0.	838650.	0.	0.0
TOTAL OPCAP	511555.	0.	4381234.	0.	3999130.	0.	8891919.	0.	0.0
TOTAL GRAIN FOR SALE		433243.		612691.		1557100.		2603034.	
TOTAL CROP PROD.		1556130.		2240266.		3281159.		7077555.	
TOTAL LIVSTK. PROD		668487.		7811958.		8835170.		17315615.	
TOTAL PRODUCTION		2224616.		10052224.		12116330.		24393170.	

Table 137

CROP DISTRICT 5

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	0.	0.	1695050.	2440871.	1695050.	2440871.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL						2440872.		2440872.	
WHEAT FOR SALE AS FEED (3 BUSHELS)	0.	0.	0.	0.	197960.	285063.	197960.	285063.	1.44
OATS AS FEED	0.	0.	0.	0.	468230.	262209.	468230.	262209.	0.56
BARLEY (3 BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL						547272.		547272.	
WHEAT FOR FEED BUS.	1561981.	2249251.	2177251.	3135240.	1533129.	2207705.	5272361.	7592196.	1.44
OATS FOR FEED BUS.	2009624.	1125389.	2801221.	1568683.	3939796.	2206285.	8750641.	4900357.	0.56
BARLEY FOR FEED BUS.	1309363.	942742.	1825127.	1314091.	2872035.	2067865.	6006525.	4324697.	0.72
TOTAL		4317382.		6018015.		6481856.		16817254.	
WHEAT BUSHELS	1561980.	2249250.	2177251.	3135240.	3426141.	4933641.	7165372.	10318131.	1.44
OATS BUSHELS	2009623.	1125388.	2801222.	1568684.	4408028.	2468495.	9218873.	5162567.	0.56
BARLEY BUSHELS	1309362.	942741.	1825126.	1314090.	2872034.	2067864.	6006522.	4324694.	0.72
TOTAL		4317380.		6018015.		9470001.		19805397.	
FLAX BUSHELS	54852.	113544.	114687.	237402.	120315.	249052.	289854.	599997.	2.07
RAPESEED BUSHELS	54653.	108213.	114272.	226258.	119879.	237360.	288804.	571831.	1.98
RYE BUSHELS	8701.	5221.	18193.	10916.	19086.	11452.	45980.	27588.	0.60
SUNFLOWERS LBS.	1025295.	61518.	952774.	57166.	2248940.	134936.	4227009.	253621.	0.06
POTATOES CWT.	121344.	222059.	112761.	206353.	266163.	487078.	500268.	915490.	1.83
SUGAR BEETS TONS	18079.	288902.	16800.	268464.	39656.	633203.	74535.	1191068.	15.98
TOTAL		799457.		1006559.		1753581.		3559597.	
VEAL CALVES	0.	0.	33098.	5117011.	0.	0.	33098.	5117011.	154.60
STOCKER CALVES	1628.	355311.	49310.	10761853.	17498.	3818843.	68435.	14936006.	218.25
TOTAL CALVES	1628.	0.	82408.	0.	17498.	0.	0.	0.	0.0
STOCKER CATTLE	973.	34475.	57526.	2038714.	12083.	428212.	70581.	2501400.	35.44
FED BEEF	1080.	131076.	55126.	6691711.	11206.	1360295.	67412.	8183081.	121.39
TOTAL		520862.		24609291.		5607351.		30737505.	
WEANLING HOGS	13064.	179499.	41174.	565731.	121553.	1670137.	175791.	2415366.	13.74
MARKET HOGS	13581.	284658.	57040.	1195557.	126369.	2648691.	196990.	4128905.	20.96
TOTAL		464157.		1761289.		4318829.		6544275.	
FLUID MILK LBS.	5124827.	387437.	21523952.	1627210.	71527872.	5407504.	98176651.	7422150.	0.08
MANF. MILK LBS.	8288296.	421045.	34810336.	1768365.	77120528.	3917722.	120219160.	6107132.	0.05
TOTAL		808482.		3395575.		9325228.		13529285.	
EGGS DOZ.	1115987.	219849.	4687088.	923356.	10384002.	2045648.	16187077.	3188853.	0.20
BROILERS	378898.	308537.	1060899.	863890.	3525551.	2870855.	4965348.	4043281.	0.81
TURKEYS	48349.	201132.	135376.	563164.	449878.	1871492.	633603.	2635282.	4.16
TOTAL		729518.		2350410.		6787996.		9867924.	
INCOME	-2576999.	0.	0.	0.	-1762977.	0.	-4339976.	0.	0.0
LABOR	865813.	0.	2591550.	0.	2736439.	0.	6193802.	0.	0.0
TOTAL OPCAP LIVE	1097354.	0.	11527512.	0.	9413746.	0.	22038612.	0.	0.0
TOTAL OPCAP CROP	380754.	0.	482352.	0.	1880082.	0.	2743189.	0.	0.0
TOTAL OPCAP	1478108.	0.	12009864.	0.	11293828.	0.	24781801.	0.	0.0
TOTAL GRAIN FOR SALE		0.		0.		2988143.		2988143.	
TOTAL CROP PROD.		5116836.		7024574.		11223582.		23364993.	
TOTAL LVSTK. PROD		2523019.		32116565.		26039404.		60678988.	
TOTAL PRODUCTION		7639855.		39141139.		37262987.		84043981.	

Table 138

CROP DISTRICT 6

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHEL)S	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	
WHEAT FOR FEED BUS.	224595.	323417.	142090.	204609.	133281.	191924.	499966.	719951.	1.44
OATS FOR FEED BUS.	390844.	218873.	359138.	201117.	336873.	188649.	1086855.	608639.	0.56
BARLEY FOR FEED BUS.	147165.	105959.	93104.	67035.	87332.	62879.	327601.	235873.	0.72
TOTAL		648248.		472762.		443452.		1564462.	
WHEAT BUSHEL)S	224595.	323417.	142090.	204609.	133281.	191924.	499966.	719950.	1.44
OATS BUSHEL)S	390844.	218873.	359138.	201117.	336873.	188649.	1086855.	608639.	0.56
BARLEY BUSHEL)S	147165.	105959.	93104.	67035.	87332.	62879.	327601.	235873.	0.72
TOTAL		648248.		472762.		443452.		1564462.	
FLAX BUSHEL)S	17325.	35863.	10961.	22689.	10281.	21282.	38567.	79834.	2.07
RAPESEED BUSHEL)S	11536.	22841.	7298.	14450.	10269.	20333.	29103.	57624.	1.98
RYE BUSHEL)S	6870.	4122.	4346.	2608.	4077.	2446.	15293.	9176.	0.60
SUNFLOWERS LBS.	5660.	340.	3581.	215.	3359.	202.	12600.	756.	0.06
POTATOES CWT.	3975.	7274.	2515.	4602.	2359.	4317.	8849.	16194.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		70440.		44564.		48579.		163583.	
VEAL CALVES	0.	0.	14773.	2283853.	0.	0.	14773.	2283853.	154.60
STOCKER CALVES	2611.	569851.	42.	9121.	4688.	1023202.	7341.	1602173.	218.25
TOTAL CALVES	2611.	0.	14814.	0.	4688.	0.	0.	0.	0.0
STOCKER CATTLE	1294.	45859.	1275.	45186.	2626.	93065.	5195.	184111.	35.44
FED BEEF	1131.	137292.	1172.	142214.	1953.	237075.	4256.	516581.	121.39
TOTAL		753002.		2480375.		1353342.		4586718.	
WEANLING HOGS	4037.	55468.	3977.	54644.	6972.	95795.	14986.	205908.	13.74
MARKET HOGS	3250.	68120.	3202.	67114.	6972.	146133.	13424.	281367.	20.96
TOTAL		123588.		121758.		241928.		487274.	
FLUID MILK LBS.	3568225.	269758.	3515268.	265754.	6161509.	465810.	13245002.	1001322.	0.08
MANF. MILK LBS.	2941170.	149411.	2897518.	147194.	5078729.	257999.	10917417.	554605.	0.05
TOTAL		419169.		412948.		723809.		1555927.	
EGGS DOZ.	741677.	146110.	1096003.	215913.	1280704.	252299.	3118384.	614321.	0.20
BROILERS	21999.	17914.	21672.	17648.	37986.	30932.	81657.	66493.	0.81
TURKEYS	18942.	78729.	18662.	77634.	32709.	136069.	70313.	292502.	4.16
TOTAL		242823.		311194.		419300.		973317.	
INCOME	-470351.	0.	0.	0.	18402.	0.	-451949.	0.	0.0
LABOR	271514.	0.	349067.	0.	243451.	0.	864052.	0.	0.0
TOTAL OPCAP LIVE	744639.	0.	1586835.	0.	1059204.	0.	3490678.	0.	0.0
TOTAL OPCAP CROP	27951.	0.	19370.	0.	17877.	0.	64218.	0.	0.0
TOTAL OPCAP	772590.	0.	1705225.	0.	1077081.	0.	3554896.	0.	0.0
TOTAL GRAIN FOR SALE		0.		0.		0.		0.	
TOTAL CROP PROD.		718688.		517326.		492031.		1728045.	
TOTAL LVSTK. PROD		1538582.		3326274.		2738379.		7603236.	
TOTAL PRODUCTION		2257270.		3843600.		3230411.		9331281.	

Table 139

CROP DISTRICT 7

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	251059.	361525.	1750955.	2521374.	1838847.	2647938.	3840861.	5530836.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	1202842.	673591.	1202842.	673591.	0.56
BARLEY FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		361525.		2521375.		3321530.		6204430.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	50897.	28502.	0.	0.	0.	0.	50897.	28502.	0.56
BARLEY (BUSHEL)S	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		28502.		0.		0.		28502.	
WHEAT FOR FEED BUS.	152435.	219506.	0.	0.	0.	0.	152435.	219506.	1.44
OATS FOR FEED BUS.	480074.	268841.	2304144.	1290320.	1216960.	681497.	4001177.	2240658.	0.56
BARLEY FOR FEED BUS.	618672.	445444.	2684721.	1932999.	2819483.	2030027.	6122876.	4408469.	0.72
TOTAL		933791.		3223320.		2711525.		6868636.	
WHEAT BUSHELS	403494.	581031.	1750955.	2521374.	1838846.	2647937.	3993295.	5750342.	1.44
OATS BUSHELS	530971.	297344.	2304143.	1290319.	2419801.	1355088.	5254915.	2942750.	0.56
BARLEY BUSHELS	618672.	445444.	2684722.	1932999.	2819482.	2030028.	6122876.	4408468.	0.72
TOTAL		1323819.		5744694.		6033053.		13101566.	
FLAX BUSHELS	28176.	58324.	183405.	379648.	128407.	265802.	339988.	703775.	2.07
RAPESEED BUSHELS	40692.	80570.	176582.	349632.	185445.	367181.	402719.	797383.	1.98
RYE BUSHELS	23923.	14354.	155720.	93432.	109024.	65414.	288667.	173200.	0.60
SUNFLOWERS LBS.	208613.	12517.	603516.	36211.	950714.	57043.	1762843.	105771.	0.06
POTATOES CWT.	4562.	8348.	13198.	24152.	20791.	38048.	38551.	70548.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		174113.		883076.		793488.		1850677.	
VEAL CALVES	0.	0.	1026.	158620.	0.	0.	1026.	158620.	154.60
STOCKER CALVES	1796.	391977.	32479.	7088458.	19583.	4273920.	53857.	11754354.	218.25
TOTAL CALVES	1796.	0.	33505.	0.	19583.	0.	0.	0.	0.0
STOCKER CATTLE	828.	29337.	43833.	1553458.	9196.	325907.	53857.	1908700.	35.44
FED BEEF	919.	111532.	41642.	5054899.	10011.	1215234.	52572.	6381672.	121.39
TOTAL		532853.		13855435.		5815062.		20203351.	
WEANLING HOGS	2406.	33058.	27117.	372588.	25588.	351579.	55111.	757225.	13.74
MARKET HOGS	2661.	55275.	29981.	628401.	28291.	592979.	60933.	1277154.	20.96
TOTAL		88333.		1000989.		944558.		2034380.	
FLUID MILK LBS.	141497.	10697.	1594405.	120537.	1504516.	113741.	3240418.	244975.	0.08
MANF. MILK LBS.	893673.	45399.	10069992.	511556.	9502267.	482715.	20465932.	1039669.	0.05
TOTAL		56096.		632093.		596457.		1284645.	
EGGS DOZ.	50894.	10026.	573483.	112976.	541152.	106607.	1165529.	229609.	0.20
BROILERS	1558.	1269.	11707.	9533.	16570.	13493.	29835.	24295.	0.81
TURKEYS	2282.	9433.	17144.	71319.	24266.	100947.	43692.	181759.	4.16
TOTAL		20788.		193828.		221046.		435662.	
INCOME	-63524.	0.	0.	0.	1619333.	0.	1555809.	0.	0.0
LABOR	226516.	0.	1389785.	0.	817046.	0.	2433347.	0.	0.0
TOTAL OPCAP LIVE	275633.	0.	4573530.	0.	2418397.	0.	7267560.	0.	0.0
TOTAL OPCAP CROP	196444.	0.	1107952.	0.	1285520.	0.	2589916.	0.	0.0
TOTAL OPCAP	472077.	0.	5681482.	0.	3703917.	0.	9857476.	0.	0.0
TOTAL GRAIN FOR SALE		390027.		2521375.		3321530.		6232932.	
TOTAL CROP PROD.		1497932.		6627770.		6826541.		14952243.	
TOTAL LVSTK. PROD		698570.		15632345.		7577123.		23958038.	
TOTAL PRODUCTION		2196502.		22310115.		14403664.		38910281.	

Table 140

CROP DISTRICT 8

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	455661.	656152.	1392872.	2005735.	2878397.	4144890.	4726930.	6806776.	1.44
OATS FOR SALE BUS.	0.	0.	744911.	417150.	0.	0.	744911.	417150.	0.56
BARLEY FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		656152.		2422885.		4144891.		7223928.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	163666.	235679.	0.	0.	163666.	235679.	1.44
OATS FOR FEED BUS.	677331.	379305.	1568848.	878555.	4278675.	2396057.	6524854.	3653917.	0.56
BARLEY FOR FEED BUS.	500910.	360655.	1711103.	1231993.	3164222.	2228240.	5376235.	3820888.	0.72
TOTAL		739960.		2346227.		4674298.		7760486.	
WHEAT BUSHELS	455661.	656152.	1556537.	2241412.	2878397.	4144890.	4890595.	7042453.	1.44
OATS BUSHELS	677331.	379305.	2313758.	1295704.	4278674.	2396057.	7269763.	4071066.	0.56
BARLEY BUSHELS	500910.	360655.	1711102.	1231993.	3164223.	2228240.	5376235.	3820888.	0.72
TOTAL		1396112.		4789110.		8819188.		14984410.	
FLAX BUSHELS	17965.	37188.	92052.	190547.	113483.	234910.	223500.	462645.	2.07
RAPESEED BUSHELS	59757.	118319.	136086.	269450.	377482.	747414.	573325.	1135182.	1.98
RYE BUSHELS	28286.	16972.	144936.	86962.	178680.	107208.	351902.	211141.	0.60
SUNFLOWERS LBS.	2829310.	169759.	6443275.	386596.	17872656.	1072359.	27145241.	1628714.	0.06
POTATOES CWT.	154403.	282557.	351626.	643475.	975357.	1784903.	1481386.	2710935.	1.83
SUGAR BEETS TONS	105.	1628.	240.	3835.	666.	10643.	1011.	16156.	15.98
TOTAL		626472.		1580866.		3957437.		6164775.	
VEAL CALVES	0.	0.	1554.	240248.	0.	0.	1554.	240248.	154.60
STOCKER CALVES	1440.	314280.	26220.	5722546.	21004.	4584225.	48665.	10621050.	218.25
TOTAL CALVES	1440.	0.	27774.	0.	21004.	0.	0.	0.	0.0
STOCKER CATTLE	794.	28122.	34130.	1209553.	13688.	485102.	48611.	1722777.	35.44
FED BEEF	924.	112164.	32801.	3981761.	15802.	1918197.	49527.	6021222.	121.39
TOTAL		454566.		11154110.		6987525.		18596202.	
WEANLING HOGS	5084.	69854.	40015.	549806.	71511.	982560.	116610.	1602220.	13.74
MARKET HOGS	5084.	106561.	33561.	703438.	71511.	1498868.	110156.	2308866.	20.96
TOTAL		176415.		1253244.		2481429.		3911088.	
FLUID MILK LBS.	213172.	16116.	1677793.	126841.	4497614.	340019.	6388579.	482976.	0.08
MANF. MILK LBS.	1805790.	91734.	14212697.	722005.	25399696.	1220304.	41418183.	2104043.	0.05
TOTAL		107850.		848846.		1630324.		2587020.	
EGGS DOZ.	121278.	23892.	954536.	188044.	1705862.	336055.	2781676.	547990.	0.20
BROILERS	13915.	11331.	73014.	59455.	195728.	159381.	282657.	230167.	0.81
TURKEYS	6291.	26171.	33009.	132312.	88486.	368101.	127786.	531589.	4.16
TOTAL		61393.		384816.		863537.		1309747.	
INCOME	34164.	0.	0.	0.	2235258.	0.	2269422.	0.	0.0
LABOR	252159.	0.	1257340.	0.	1415918.	0.	2925417.	0.	0.0
TOTAL OPCAP LIVE	357350.	0.	4646610.	0.	4435931.	0.	9439891.	0.	0.0
TOTAL OPCAP CROP	418353.	0.	1262175.	0.	2361496.	0.	4042024.	0.	0.0
TOTAL OPCAP	775703.	0.	5908785.	0.	6797427.	0.	13481915.	0.	0.0
TOTAL GRAIN FOR SALE		656152.		2422885.		4144891.		7223928.	
TOTAL CROP PROD.		2022584.		6349977.		12776625.		21149185.	
TOTAL LIVSTK. PROD		800224.		13641017.		11962815.		26404057.	
TOTAL PRODUCTION		2822808.		19990994.		24739440.		47553242.	

Table 141

CROP DISTRICT 9

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	598934.	862465.	1446933.	2083583.	2045868.	2946048.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL	0.	0.	0.	862465.	0.	2083583.	0.	2946049.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	87559.	49033.	87559.	49033.	0.56
BARLEY (9BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL	0.	0.	0.	0.	0.	49033.	0.	49033.	
WHEAT FOR FEED BUS.	709236.	1021300.	1073014.	1545139.	0.	0.	1782250.	2566438.	1.44
OATS FOR FEED BUS.	737193.	412828.	1737855.	973199.	1416410.	793189.	3891458.	2179215.	0.56
BARLEY FOR FEED BUS.	692617.	498684.	1632773.	1125596.	1413029.	1017381.	3738419.	2691550.	0.72
TOTAL	0.	1932812.	0.	3693935.	0.	1810570.	0.	7437317.	
WHEAT BUSHELS	709236.	1021299.	1671947.	2407602.	1446932.	2083581.	3828115.	5512432.	1.44
OATS BUSHELS	737193.	412828.	1737854.	973198.	1503968.	842222.	3979015.	2228247.	0.56
BARLEY BUSHELS	692617.	498684.	1632772.	1125595.	1413028.	1017380.	3738417.	2691553.	0.72
TOTAL	0.	1932812.	0.	4556397.	0.	3943184.	0.	10432342.	
FLAX BUSHELS	40952.	84771.	144810.	299757.	83548.	172944.	269310.	557471.	2.07
RAPESEED BUSHELS	111121.	220019.	174637.	345781.	226701.	448868.	512459.	1014668.	1.98
RYE BUSHELS	43502.	26101.	153828.	92297.	88750.	53250.	286080.	171648.	0.60
SUNFLOWERS LBS.	398016.	23881.	625520.	37531.	812004.	48720.	1835540.	110132.	0.06
POTATOES CWT.	222.	406.	349.	639.	453.	829.	1024.	1874.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL	0.	355178.	0.	776004.	0.	724611.	0.	1855794.	
VEAL CALVES	0.	0.	1476.	228190.	0.	0.	1476.	228190.	154.60
STOCKER CALVES	2314.	505030.	33610.	7335386.	14028.	3061610.	49952.	10902026.	218.25
TOTAL CALVES	2314.	0.	35086.	0.	14028.	0.	0.	0.	0.0
STOCKER CATTLE	1125.	39870.	41791.	1481083.	6968.	246954.	49885.	1767906.	35.44
FED BEEF	1060.	128722.	39702.	4819393.	7494.	909696.	48256.	5852810.	121.39
TOTAL	0.	673622.	0.	13864053.	0.	4218261.	0.	18755936.	
WEANLING HOGS	4741.	65141.	28873.	396715.	27303.	375143.	60917.	836999.	13.74
MARKET HOGS	5213.	109264.	31750.	665480.	30024.	629303.	66987.	1404016.	20.96
TOTAL	0.	174406.	0.	1062195.	0.	1004446.	0.	2241046.	
FLUID MILK LBS.	262847.	19871.	1600826.	121022.	1513807.	114444.	3377480.	255337.	0.08
MANF. MILK LBS.	1777871.	90316.	10827860.	550055.	10239271.	520155.	22845002.	1160526.	0.05
TOTAL	0.	110187.	0.	671078.	0.	634599.	0.	1415863.	
EGGS DOZ.	181812.	35817.	1107299.	218138.	1047109.	206280.	2336220.	460235.	0.20
BROILERS	68287.	55606.	277262.	225774.	393285.	320252.	738834.	601632.	0.81
TURKEYS	188.	782.	764.	3128.	1083.	4505.	2035.	8466.	4.16
TOTAL	0.	92205.	0.	447090.	0.	531038.	0.	1070333.	
INCOME	-282430.	0.	0.	0.	1045435.	0.	763005.	0.	0.0
LABOR	342698.	0.	1317882.	0.	649459.	0.	2310039.	0.	0.0
TOTAL OPCAP LIVE	450848.	0.	5378277.	0.	2357903.	0.	8187028.	0.	0.0
TOTAL OPCAP CROP	143310.	0.	609344.	0.	135234.	0.	1687889.	0.	0.0
TOTAL OPCAP	594158.	0.	5987621.	0.	3293137.	0.	9874916.	0.	0.0
TOTAL GRAIN FOR SALE	0.	0.	862465.	0.	2132616.	0.	2995082.	0.	
TOTAL CROP PROD.	2287990.	0.	5332401.	0.	4667795.	0.	12288186.	0.	
TOTAL LIVSTK. PROD	1050420.	0.	16044416.	0.	6388343.	0.	23483179.	0.	
TOTAL PRODUCTION	3338410.	0.	21376817.	0.	11056138.	0.	35771365.	0.	

Table 142

CROP DISTRICT 10

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	1033116.	1487686.	3386829.	4877032.	2701555.	3890237.	7121500.	10254955.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	1896082.	1365178.	0.	0.	1896082.	1365178.	0.72
TOTAL		1487687.		6242212.		3890238.		11620136.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	0.	0.	0.	0.	52864.	76124.	52864.	76124.	1.44
OATS FOR FEED BUS.	854862.	478723.	2802470.	1569382.	2279172.	1276336.	5936504.	3324440.	0.56
BARLEY FOR FEED BUS.	1432503.	1031402.	3179268.	2289012.	4127645.	2921903.	8739416.	6292372.	0.72
TOTAL		1510125.		3858456.		4324364.		9692945.	
WHEAT BUSHELS	1033116.	1487686.	3386829.	4877032.	2754418.	3966360.	7174363.	10331078.	1.44
OATS BUSHELS	854862.	478723.	2802469.	1569382.	2279171.	1276335.	5936502.	3324439.	0.56
BARLEY BUSHELS	1432503.	1031402.	5075351.	3654252.	4127646.	2921904.	10635500.	7652558.	0.72
TOTAL		2997811.		10100667.		8214601.		21313080.	
FLAX BUSHELS	29818.	61723.	97751.	202344.	79498.	164561.	207067.	428628.	2.07
RAPESEED BUSHELS	202335.	400623.	663311.	1313355.	539453.	1068116.	1405099.	2782094.	1.98
RYE BUSHELS	27970.	16782.	91695.	55017.	74573.	44744.	194238.	116543.	0.60
SUNFLOWERS LBS.	27475.	1648.	90072.	5404.	73253.	4395.	190800.	11448.	0.06
POTATOES CWT.	259.	474.	566.	1036.	691.	1265.	1516.	2774.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		481251.		1577157.		1283081.		3341488.	
VEAL CALVES	0.	0.	1818.	281063.	0.	0.	1818.	281063.	154.60
STOCKER CALVES	3217.	702110.	58125.	12685826.	20034.	4372419.	81376.	17760352.	218.25
TOTAL CALVES	3217.	0.	59943.	0.	20034.	0.	0.	0.	0.0
STOCKER CATTLE	1531.	54246.	70700.	2505589.	9267.	328422.	81497.	2888256.	35.44
FED BEEF	1454.	176513.	67164.	8153098.	8618.	1046175.	77237.	9325786.	121.39
TOTAL		932869.		23625577.		5747017.		30305463.	
WEANLING HOGS	3764.	51717.	31420.	431711.	22308.	306512.	57492.	789940.	13.74
MARKET HOGS	3896.	81660.	31378.	657683.	23092.	48408.	58366.	1223350.	20.96
TOTAL		133377.		1089393.		790520.		2013291.	
FLUID MILK LBS.	353043.	26690.	2947136.	222803.	2092415.	158187.	5392594.	407680.	0.08
MANF. MILK LBS.	1929236.	98005.	16104905.	818129.	11434207.	580858.	29468348.	1496992.	0.05
TOTAL		124695.		1040933.		739044.		1904672.	
EGGS DOZ.	66226.	13047.	552841.	108910.	392508.	77324.	1011575.	199280.	0.20
BROILERS	6663.	5426.	37078.	30193.	39487.	32154.	83228.	67773.	0.81
TURKEYS	2708.	11265.	15069.	62687.	16048.	66260.	33825.	140712.	4.16
TOTAL		29737.		201789.		176238.		407765.	
INCOME	8554.	0.	0.	0.	1387571.	0.	1396125.	0.	0.0
LABOR	434960.	0.	2201634.	0.	873477.	0.	3510071.	0.	0.0
TOTAL OPCAP LIVE	616180.	0.	10301039.	0.	3140395.	0.	14057614.	0.	0.0
TOTAL OPCAP CROP	486167.	0.	1809643.	0.	1048455.	0.	3344266.	0.	0.0
TOTAL OPCAP	1102347.	0.	12110682.	0.	4188850.	0.	17401879.	0.	0.0
TOTAL GRAIN FOR SALE		1487687.		6242212.		3890238.		11620136.	
TOTAL CROP PROD.		3479062.		11677824.		9497682.		24654568.	
TOTAL LVSTK. PROD		1220679.		25957692.		7452819.		34631190.	
TOTAL PRODUCTION		4699741.		37635517.		16950501.		59285759.	

Table 144

CROP DISTRICT 12

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	0.	0.	226884.	163357.	226884.	163357.	0.72
TOTAL	0.	0.	0.	0.		163357.		163357.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	0.
WHEAT FOR FEED BUS.	648214.	933428.	846161.	1218471.	494625.	712260.	1989000.	2864158.	1.44
OATS FOR FEED BUS.	790622.	442748.	1032055.	577951.	603290.	337842.	2425967.	1358541.	0.56
BARLEY FOR FEED BUS.	749371.	539547.	978207.	204309.	344929.	248349.	2072507.	1492204.	0.72
TOTAL		1915723.		2500731.		1298451.		5714906.	
WHEAT BUSHELS	648214.	933428.	846161.	1218471.	494625.	712260.	1989000.	2864157.	1.44
OATS BUSHELS	790622.	442748.	1032055.	577951.	603290.	337842.	2425967.	1358541.	0.56
BARLEY BUSHELS	749371.	539547.	978207.	204309.	571813.	411705.	2299391.	1655560.	0.72
TOTAL		1915723.		2500731.		1461807.		5878261.	
FLAX BUSHELS	66605.	137872.	86945.	179976.	50824.	105206.	204374.	423054.	2.07
RAPESEED BUSHELS	46185.	91446.	40193.	79582.	35242.	69779.	121620.	240807.	1.98
RYE BUSHELS	13266.	7960.	17317.	10390.	10123.	6074.	40706.	24424.	0.60
SUNFLOWERS LBS.	4400.	264.	5743.	345.	3357.	201.	13500.	810.	0.06
POTATOES CWT.	391.	716.	510.	933.	298.	545.	1199.	2194.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		238258.		271226.		181805.		691289.	
VEAL CALVES	0.	0.	53109.	8210691.	0.	0.	53109.	8210691.	154.60
STOCKER CALVES	8514.	1858180.	65.	14232.	17972.	3922284.	26551.	5794696.	218.25
TOTAL CALVES	8514.	0.	53174.	0.	17972.	0.	0.	0.	0.0
STOCKER CATTLE	3983.	141157.	13993.	495912.	8575.	303888.	26551.	940957.	35.44
FED BEEF	3411.	414061.	17564.	2132058.	6824.	828365.	27799.	3374483.	121.39
TOTAL		2413399.		10852894.		5054537.		18320830.	
WEANLING HOGS	7137.	98062.	17345.	238320.	14279.	196193.	38761.	532576.	13.74
MARKET HOGS	5525.	115804.	17345.	363551.	14279.	299288.	37149.	778642.	20.96
TOTAL		213866.		601871.		495481.		1311218.	
FLUID MILK LBS.	5330406.	402979.	19431216.	1468999.	10664296.	806220.	35425918.	2678197.	0.08
MANF. MILK LBS.	5973641.	303461.	14517361.	737482.	11951186.	602120.	32442188.	1648063.	0.05
TOTAL		706439.		2206481.		1413341.		4326261.	
EGGS DOZ.	370673.	73023.	1351232.	266193.	741588.	146093.	2463493.	485308.	0.20
BROILERS	7229.	5887.	17568.	14306.	14462.	11776.	39259.	31969.	0.81
TURKEYS	39619.	164815.	96285.	400545.	79265.	329742.	215169.	895102.	4.16
TOTAL		243724.		681044.		487611.		1412379.	
INCOME	-151548.	0.	0.	0.	1595146.	0.	1443598.	0.	0.0
LABOR	577953.	0.	1514752.	0.	524511.	0.	2617216.	0.	0.0
TOTAL OPCAP LIVE	1544988.	0.	7043696.	0.	2973515.	0.	11162199.	0.	0.0
TOTAL OPCAP CROP	93599.	0.	110530.	0.	145843.	0.	349973.	0.	0.0
TOTAL OPCAP	1638587.	0.	7154226.	0.	2719358.	0.	11512172.	0.	0.0
TOTAL GRAIN FOR SALE		0.		0.		163357.		163357.	
TOTAL CROP PROD.		2153941.		2771957.		1643613.		6569551.	
TOTAL LIVSTK. PROD		3577429.		14342290.		7450970.		25370689.	
TOTAL PRODUCTION		5731410.		17114247.		9094583.		31940239.	

Table 145

CROP DISTRICT 13

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	448107.	645274.	1080309.	1555644.	590633.	850512.	2119049.	3051428.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	2051862.	1477340.	0.	0.	2051862.	1477340.	0.72
TOTAL		645274.		3032985.		850512.		4528771.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	396233.	221890.	0.	0.	0.	0.	396233.	221890.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		221890.		0.		0.		221890.	
WHEAT FOR FEED BUS.	0.	0.	0.	0.	18931.	27260.	18931.	27260.	1.44
OATS FOR FEED BUS.	5085.	2848.	967509.	541805.	545917.	305713.	1518511.	850366.	0.56
BARLEY FOR FEED BUS.	947258.	682025.	231813.	166905.	1288565.	927267.	2467635.	1776697.	0.72
TOTAL		684873.		708710.		1260741.		2654324.	
WHEAT BUSHELS	448107.	645274.	1080308.	1555643.	609564.	877772.	2137979.	3078687.	1.44
OATS BUSHELS	401318.	224738.	967509.	541805.	545917.	305713.	1914744.	1072256.	0.56
BARLEY BUSHELS	947258.	682025.	2283674.	1644245.	1288564.	927266.	4519496.	3254036.	0.72
TOTAL		1552038.		3741693.		2111251.		7404982.	
FLAX BUSHELS	5093.	10543.	18418.	38125.	6928.	14341.	30439.	63009.	2.07
RAPESEED BUSHELS	308710.	611246.	496164.	982404.	419941.	831483.	1224815.	2425131.	1.98
RYE BUSHELS	63246.	37948.	228713.	137228.	86034.	51620.	377993.	226796.	0.60
SUNFLOWERS LBS.	0.	0.	0.	0.	0.	0.	0.	0.	0.06
POTATOES CWT.	1163.	2128.	1870.	3422.	1582.	2895.	4615.	8445.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		661864.		1161179.		900339.		2723383.	
VEAL CALVES	0.	0.	639.	98789.	0.	0.	639.	98789.	154.60
STOCKER CALVES	1164.	254043.	11159.	2435518.	4659.	1016827.	16982.	3706386.	218.25
TOTAL CALVES	1164.	0.	11798.	0.	4659.	0.	0.	0.	0.0
STOCKER CATTLE	593.	21000.	13650.	483747.	2967.	105150.	17209.	609897.	35.44
FED BEEF	673.	81695.	13124.	1523172.	3353.	406962.	17150.	2081835.	121.39
TOTAL		356738.		4611233.		1528939.		6496911.	
WEANLING HOGS	3697.	50797.	22682.	311651.	13858.	190409.	40237.	552856.	13.74
MARKET HOGS	5670.	118843.	23910.	501153.	21253.	445463.	50833.	1065452.	20.96
TOTAL		169640.		812804.		635871.		1618315.	
FLUID MILK LBS.	144696.	10939.	887644.	67106.	542320.	40999.	1574660.	119044.	0.08
MANF. MILK LBS.	1123365.	57067.	6891338.	350080.	4210367.	213887.	12225070.	621034.	0.05
TOTAL		68006.		417186.		254886.		740078.	
EGGS DOZ.	44725.	8811.	274365.	54050.	167628.	33023.	486718.	95883.	0.20
BROILERS	3287.	2677.	13443.	10947.	12320.	10032.	29050.	23655.	0.81
TURKEYS	284.	1181.	1159.	4821.	1062.	4418.	2505.	10421.	4.16
TOTAL		12669.		69818.		47473.		129960.	
INCOME	-162469.	0.	0.	0.	406107.	0.	243637.	0.	0.0
LABOR	239911.	0.	758774.	0.	321786.	0.	1320471.	0.	0.0
TOTAL OPCAP LIVF	276972.	0.	2173416.	0.	912331.	0.	3362719.	0.	0.0
TOTAL OPCAP CROP	336376.	0.	1217111.	0.	416857.	0.	1970344.	0.	0.0
TOTAL OPCAP	613348.	0.	3390527.	0.	1329189.	0.	5333063.	0.	0.0
TOTAL GRAIN FOR SALE		867164.		3032985.		850512.		4750661.	
TOTAL CROP PROD.		2213931.		4902873.		3011591.		10128365.	
TOTAL LVSTK. PROD		607053.		5911041.		2467170.		8985264.	
TOTAL PRODUCTION		2820954.		10813914.		5478760.		19113628.	

Table 146

CROP DISTRICT 14

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	997439.	718156.	415621.	299247.	1413060.	1017403.	0.72
TOTAL	0.	0.		718156.		299247.		1017403.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	
WHEAT FOR FEED BUS.	465693.	670598.	716028.	1031080.	416630.	599947.	1598351.	2301625.	1.44
OATS FOR FEED BUS.	676660.	378930.	1040402.	582625.	605370.	339007.	2322432.	1300561.	0.56
BARLEY FOR FEED BUS.	648717.	467076.	0.	0.	164750.	118620.	813467.	585696.	0.72
TOTAL		1516604.		1613705.		1057574.		4187883.	
WHEAT BUSHELS	465693.	670598.	716028.	1031080.	416630.	599947.	1598351.	2301623.	1.44
OATS BUSHELS	676660.	378930.	1040402.	582625.	605370.	339007.	2322432.	1300561.	0.56
BARLEY BUSHELS	648717.	467076.	997439.	718156.	580371.	417867.	2226527.	1603099.	0.72
TOTAL		1516603.		2331861.		1356821.		5205285.	
FLAX BUSHELS	42291.	87542.	65025.	134602.	37836.	78321.	145152.	300465.	2.07
RAPESEED BUSHELS	136055.	269389.	209192.	414200.	182581.	361510.	527828.	1045099.	1.98
RYE BUSHELS	2459.	1475.	3780.	2268.	2200.	1320.	8439.	5063.	0.60
SUNFLOWERS LBS.	91778.	5507.	141114.	8467.	82108.	4926.	315000.	18900.	0.06
POTATOES CWT.	1792.	3279.	2755.	5042.	1603.	2933.	6150.	11254.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		367192.		564578.		449011.		1380781.	
VEAL CALVES	0.	0.	59785.	9242824.	0.	0.	59785.	9242824.	154.60
STOCKER CALVES	8541.	1864072.	24.	5261.	11855.	2587261.	20420.	4456593.	218.25
TOTAL CALVES	8541.	0.	59810.	0.	11855.	0.	0.	0.	0.0
STOCKER CATTLE	3894.	138003.	10866.	385091.	5443.	192900.	20203.	715994.	35.44
FED BEEF	2802.	340135.	13003.	1528454.	3772.	457883.	19577.	2326471.	121.39
TOTAL		2342210.		11211631.		3238045.		16791886.	
WEANLING HOGS	2499.	34336.	7555.	103806.	3364.	46221.	13418.	184363.	13.74
MARKET HOGS	3333.	69869.	7210.	131121.	4487.	94047.	15030.	315029.	20.96
TOTAL		104196.		254927.		140269.		499392.	
FLUID MILK LBS.	549207.	41520.	1660517.	125535.	739340.	55894.	2949064.	222949.	0.08
MANF. MILK LBS.	4519663.	229599.	13665141.	534189.	6084346.	309085.	24269150.	1232822.	0.05
TOTAL		271119.		819724.		364979.		1455822.	
EGGS DOZ.	107477.	21173.	324956.	64016.	144685.	28503.	577118.	113692.	0.20
BROILERS	12960.	10553.	26124.	21273.	17448.	14208.	56532.	46034.	0.81
TURKEYS	2406.	10001.	4848.	20168.	3238.	13470.	10492.	43647.	4.16
TOTAL		41735.		105457.		56181.		203373.	
INCOME	4101.	0.	0.	0.	954189.	0.	958290.	0.	0.0
LABOR	447174.	0.	1233187.	0.	331625.	0.	2011986.	0.	0.0
TOTAL OPCAP LIVE	1111263.	0.	6211974.	0.	1301409.	0.	8624646.	0.	0.0
TOTAL OPCAP CROP	132716.	0.	570325.	0.	274562.	0.	977603.	0.	0.0
TOTAL OPCAP	1243979.	0.	6782299.	0.	1575971.	0.	9602249.	0.	0.0
TOTAL GRAIN FOR SALE		0.		718156.		299247.		1017403.	
TOTAL CROP PROD.		1883796.		2896439.		1805832.		6586067.	
TOTAL LVSTK. PROD		2759260.		12391739.		3799473.		18950473.	
TOTAL PRODUCTION		4643056.		15288178.		5605305.		25536540.	

Table 147

PROVINCE		FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT
COMMODITY		NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	PRICE
WHEAT FOR SALE BUS.		3827331.	5511354.	16555196.	23839472.	16356892.	23553904.	36739419.	52904720.	1.44
OATS FOR SALE BUS.		0.	0.	1354443.	758488.	3998710.	2239277.	5353153.	2997764.	0.56
BARLEY FOR SALE BUS.		3576639.	2575180.	15673638.	11285018.	8210435.	5911513.	27460713.	19721696.	0.72
TOTAL			8086535.		35882982.		31704709.		75674226.	
WHEAT FOR SALE		0.	0.	0.	0.	197960.	285063.	197960.	285063.	1.44
OATS AS FEED		447130.	250393.	468121.	262148.	1661919.	930675.	2577170.	1443215.	0.56
BARLEY (BUSHELS)		0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL			250393.		262148.		1215737.		1728278.	
WHEAT FOR FEED BUS.		5662138.	8153475.	9070876.	13062057.	12944659.	18640288.	27677672.	39855808.	1.44
OATS FOR FEED BUS.		10145172.	5681295.	26321311.	14739932.	27730794.	15529243.	64197277.	35950448.	0.56
BARLEY FOR FEED BUS.		7802449.	5617763.	17802542.	12817829.	28700082.	20664048.	54305073.	30095632.	0.72
TOTAL			19452535.		40619820.		54833604.		114905959.	
WHEAT BUSHELS		9489466.	13664827.	25626067.	36901520.	29499507.	42479264.	64615040.	93045600.	1.44
OATS BUSHELS		10592302.	5931688.	28143870.	15760565.	33391420.	18699184.	72127592.	40391424.	0.56
BARLEY BUSHELS		11379086.	8192941.	33476179.	24102832.	36910516.	26525568.	81765781.	58821328.	0.72
TOTAL			27789458.		76764939.		87754041.		192308437.	
FLAX BUSHELS		593056.	1227625.	2035529.	4213545.	1952394.	4041455.	4580980.	9482625.	2.07
RAPESEED BUSHELS		1693494.	3353116.	3678060.	7282557.	4274932.	8464363.	9646486.	19100032.	1.98
RYE BUSHELS		289736.	173842.	1252610.	751566.	919575.	551745.	2461920.	1477151.	0.60
SUNFLOWERS LBS.		11267925.	676075.	32159609.	1929576.	59792425.	3587545.	103219958.	6193196.	0.06
POTATOES CWT.		557310.	1019877.	1077234.	1971337.	2731422.	4998501.	4365965.	7989714.	1.83
SUGAR BEETS TONS		54758.	875033.	99857.	1595213.	247002.	3947030.	401617.	6417835.	15.98
TOTAL			7325569.		17744296.		25590703.		50660568.	
VEAL CALVES		0.	0.	211715.	32731056.	0.	0.	211715.	32731056.	154.60
STOCKER CALVES		39764.	8678491.	402571.	87861184.	213426.	46580208.	655761.	143119872.	218.25
TOTAL CALVES		39764.	0.	614286.	0.	213426.	0.	0.	0.	0.0
STOCKER CATTLE		19483.	690466.	518495.	18375440.	117784.	4174252.	655761.	23240144.	35.44
FED BEEF		18233.	2213319.	502620.	51013088.	122273.	14842761.	643127.	78069152.	121.39
TOTAL			11582276.		199980814.		65597238.		277160328.	
WEANLING HOGS		85340.	1172571.	470780.	6468515.	722317.	9924630.	1278437.	17565712.	13.74
MARKET HOGS		85043.	1782492.	461909.	9681606.	731485.	15331912.	1278437.	26296016.	20.96
TOTAL			2955071.		16150122.		25256543.		44361736.	
FLUID MILK LBS.		19620010.	1483272.	80574648.	6091440.	163485237.	12359478.	263679895.	19934176.	0.08
MANF. MILK LBS.		39486755.	2005927.	199693542.	10144431.	265916543.	13508560.	505096840.	25658912.	0.05
TOTAL			3489199.		16235873.		25868039.		45593111.	
EGGS DOZ.		3944654.	777097.	19122107.	3767054.	29268044.	5765803.	52334804.	10309953.	0.20
BROILERS		594773.	484323.	1994073.	1623773.	5262747.	4285454.	7851592.	6393550.	0.81
TURKEYS		148502.	617768.	433068.	1801562.	984428.	4095218.	1565997.	6514548.	4.16
TOTAL			1879188.		7192390.		14146477.		23218055.	
INCOME		-5584223.	0.	0.	0.	7593267.	0.	2009043.	0.	0.0
LABOR		5469832.	0.	21926757.	0.	15695652.	0.	43092241.	0.	0.0
TOTAL OPCAP LIVE		8813447.	0.	88448098.	0.	48838391.	0.	146099936.	0.	0.0
TOTAL OPCAP CROP		5444808.	0.	18472373.	0.	19707314.	0.	43624495.	0.	0.0
TOTAL OPCAP		14258255.	0.	106920471.	0.	68545706.	0.	189724431.	0.	0.0
TOTAL GRAIN FOR SALE			8336928.		36145130.		32920446.		77402504.	
TOTAL CROP PROD.			35115026.		94509239.		113344743.		242969004.	
TOTAL LVSTK. PROD			19905735.		239559199.		130868296.		390333230.	
TOTAL PRODUCTION			55020761.		334068433.		244213040.		633302234.	

Table 148

INTERLAKE REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	300863.	433243.	295628.	425705.	739119.	1064331.	1335611.	1923278.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	259703.	186986.	267928.	192908.	527632.	379895.	0.72
TOTAL		433243.		612691.		1257240.		2303174.	
WHEAT FOR SALE AS FEED (BUSHELS)	0.	0.	0.	0.	12669.	18244.	12669.	18244.	1.44
BARLEY (BUSHELS)	0.	0.	0.	0.	1136096.	636214.	1136096.	636214.	0.56
TOTAL		0.		0.		654458.		654458.	0.72
WHEAT FOR FEED BUS.	748181.	1077380.	1120977.	1614206.	592745.	853553.	2461903.	3545138.	1.44
OATS FOR FEED BUS.	1742867.	976005.	2391492.	1339235.	1475704.	826394.	5610063.	3141634.	0.56
BARLEY FOR FEED BUS.	1589043.	1144111.	1918387.	1341238.	2072070.	1491890.	5579500.	4017239.	0.72
TOTAL		3197496.		4334680.		3171837.		10704014.	
WHEAT BUSHELS	1049044.	1510222.	1416605.	2039910.	1344534.	1936128.	3810182.	5486660.	1.44
OATS BUSHELS	1742867.	976005.	2391492.	1339235.	2611800.	1462607.	6746158.	3777847.	0.56
BARLEY BUSHELS	1589043.	1144110.	2178089.	1568223.	2339997.	1684297.	6107129.	4397130.	0.72
TOTAL		3630738.		4947370.		5083533.		13661641.	
FLAX BUSHELS	93128.	192776.	143748.	297558.	106762.	220998.	343638.	711332.	2.07
RAPESEED BUSHELS	59018.	116855.	60883.	120549.	72266.	143087.	192167.	380491.	1.98
RYE BUSHELS	15073.	9044.	21168.	12701.	13965.	8379.	50207.	30124.	0.60
SUNFLOWERS LBS.	126058.	7563.	120252.	7215.	264752.	15885.	511062.	30664.	0.06
POTATOES CWT.	27135.	49657.	25856.	47316.	57111.	104514.	110102.	201487.	1.83
SUGAR BEETS TONS	1937.	30954.	1820.	29087.	4173.	66684.	7930.	126225.	15.98
TOTAL		406849.		514426.		559547.		1480823.	
VEAL CALVES	0.	0.	91253.	14107771.	0.	0.	91253.	14107771.	154.60
STOCKER CALVES	9190.	2005759.	3221.	702990.	26672.	5821242.	39084.	8529991.	218.25
TOTAL CALVES	9190.	0.	94474.	0.	26672.	0.	130337.	0.	0.0
STOCKER CATTLE	4438.	157299.	20329.	720475.	14453.	512215.	39221.	1389989.	35.44
FED BEEF	3955.	480110.	23832.	2892937.	13663.	1658514.	41450.	5031551.	121.39
TOTAL		2643168.		18424175.		7991972.		29059315.	
WEANLING HOGS	15206.	208932.	42908.	589558.	109906.	1510112.	168021.	2308601.	13.74
MARKET HOGS	12423.	260390.	40109.	840675.	95597.	2003702.	148128.	3104766.	20.96
TOTAL		469321.		1430232.		3513815.		5413369.	
FLUID MILK LBS.	6797688.	513905.	26226217.	1982701.	35998988.	2721522.	69022893.	5218127.	0.08
MANF. MILK LBS.	8345053.	423929.	25499199.	1295359.	39247328.	1993764.	73091579.	3713051.	0.05
TOTAL		937834.		3278060.		4715287.		8931181.	
EGGS DOZ.	552518.	108846.	2176274.	428726.	2747357.	541229.	5476149.	1078801.	0.20
BROILERS	43172.	35155.	122534.	99780.	382128.	311167.	547835.	446102.	0.81
TURKEYS	51217.	213064.	131907.	548233.	211344.	829191.	394468.	1640988.	4.16
TOTAL		357065.		1077239.		1731587.		3165891.	
INCOME	-967362.	0.	0.	0.	1163268.	0.	195906.	0.	0.0
LABOR	887916.	0.	2452905.	0.	1636905.	0.	4977727.	0.	0.0
TOTAL OPCAP LIVE	1937081.	0.	11888406.	0.	6800451.	0.	20625938.	0.	0.0
TOTAL OPCAP CROP	307661.	0.	415685.	0.	640842.	0.	1364187.	0.	0.0
TOTAL OPCAP	2244741.	0.	12304091.	0.	7441293.	0.	21990125.	0.	0.0
TOTAL GRAIN FOR SALE		433243.		612691.		1911698.		2957632.	
TOTAL CROP PROD.		4037588.		5461796.		5643081.		15142464.	
TOTAL LVSTK. PROD		4407389.		24209706.		17952661.		46569756.	
TOTAL PRODUCTION		8444976.		29671502.		23595742.		61712220.	

Table 149

EASTERN REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	0.	0.	1586567.	2284655.	1586567.	2284655.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL	0.	0.	0.	0.	0.	2284656.	0.	2284656.	
WHEAT FOR SALE	0.	0.	0.	0.	185291.	266819.	185291.	266819.	1.44
OATS AS FEED	0.	0.	0.	0.	438264.	245428.	438264.	245428.	0.56
BARLEY (BUSHEL)S	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL	0.	0.	0.	0.	0.	512246.	0.	512246.	
WHEAT FOR FEED BUS.	1686609.	2428715.	2179997.	3139194.	1568290.	2258336.	5434895.	7826245.	1.44
OATS FOR FEED BUS.	2271852.	1272236.	2981081.	1669405.	4024522.	2253732.	9277455.	5195373.	0.56
BARLEY FOR FEED BUS.	1372729.	988365.	1801423.	1292024.	2775557.	1998400.	5949708.	4283288.	0.72
TOTAL	5430190.	4689318.	6105624.	6105624.	6510469.	6510469.	17305411.	17305411.	
WHEAT BUSHEL)S	1686608.	2428715.	2179997.	3139194.	3340149.	4809812.	7206754.	10377721.	1.44
OATS BUSHEL)S	2271851.	1272236.	2981082.	1669405.	4462787.	2499160.	9715720.	5440801.	0.56
BARLEY BUSHEL)S	1372728.	988364.	1801422.	1292023.	2775556.	1998400.	5949705.	4283286.	0.72
TOTAL	5430190.	4689316.	6105624.	6105624.	9307374.	9307374.	20102313.	20102313.	
FLAX BUSHEL)S	68666.	142140.	118308.	244897.	122896.	254394.	309870.	641431.	2.07
RAPESEED BUSHEL)S	62691.	124129.	114257.	226228.	122476.	242502.	299423.	592858.	1.98
RYE BUSHEL)S	15014.	9008.	21375.	12825.	21941.	13165.	58330.	34998.	0.60
SUNFLOWERS LBS.	965336.	57920.	895377.	53723.	2108367.	126502.	3969080.	238142.	0.06
POTATOES CWT.	117553.	215122.	109059.	197748.	251488.	460222.	477100.	873092.	1.83
SUGAR BEETS TONS	16922.	270413.	15725.	251282.	37118.	593146.	69765.	1118840.	15.98
TOTAL	16922.	818731.	15725.	986703.	37118.	1689931.	69765.	3495365.	
VEAL CALVES	0.	0.	45753.	7073376.	0.	0.	45753.	7073376.	154.60
STOCKER CALVES	4135.	902422.	46196.	10082215.	21066.	4597639.	71396.	15582275.	218.25
TOTAL CALVES	4135.	0.	91948.	0.	21066.	0.	117149.	0.	0.0
STOCKER CATTLE	2205.	78128.	55119.	1953423.	13935.	493872.	71259.	2525422.	35.44
FED BEEF	2142.	259979.	52769.	6405656.	12442.	1510311.	67353.	8175945.	121.39
TOTAL	2142.	1240529.	52769.	25514671.	12442.	6601823.	67353.	33357022.	
WEANLING HOGS	16265.	223480.	42516.	584168.	120746.	1659043.	179526.	2466690.	13.74
MARKET HOGS	15962.	334559.	56591.	1186156.	125253.	2625308.	197807.	4146023.	20.96
TOTAL	32227.	558039.	99107.	1770324.	246000.	4284352.	377333.	6612715.	
FLUID MILK LBS.	3365063.	632399.	23661687.	1788822.	73111596.	5527234.	105138346.	7948454.	0.08
MANF. MILK LBS.	10699015.	543510.	35479992.	1802383.	77263542.	3924987.	123442549.	6220879.	0.05
TOTAL	14064078.	1175908.	59141879.	3591206.	15037938.	9452222.	22858085.	14219337.	
EGGS DOZ.	1786241.	351889.	5483117.	1080173.	11000130.	2167025.	18269488.	3599087.	0.20
BROILERS	376647.	306704.	1014673.	826249.	3337902.	2718053.	4729223.	3851005.	0.81
TURKEYS	64197.	267058.	145374.	604755.	453795.	1887286.	663365.	2259599.	4.16
TOTAL	2192085.	925651.	7087164.	2511178.	15791027.	6772864.	19562721.	10209694.	
INCOME	-2882422.	0.	0.	0.	-1631745.	0.	-4514166.	0.	0.0
LABOR	1081935.	0.	2774758.	0.	2804758.	0.	6661451.	0.	0.0
TOTAL OPCAP LIVE	1771762.	0.	12476586.	0.	9870470.	0.	24118818.	0.	0.0
TOTAL OPCAP CROP	384337.	0.	469871.	0.	1777634.	0.	2631842.	0.	0.0
TOTAL OPCAP	2156100.	0.	12946457.	0.	11648104.	0.	26750661.	0.	0.0
TOTAL GRAIN FOR SALE		0.		0.		2796902.		2796902.	
TOTAL CROP PROD.		5508047.		7092327.		10997304.		23597678.	
TOTAL LVSTK. PROD		3900128.		33387379.		27111262.		64398768.	
TOTAL PRODUCTION		9408175.		40479706.		38108566.		87996447.	

Table 150

CENTRAL REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	218717.	314953.	6443239.	9278261.	6099433.	8783180.	12761389.	18376384.	1.44
OATS FOR SALE BUS.	0.	0.	784229.	439168.	2795868.	1565686.	3580098.	2004854.	0.56
BARLEY FOR SALE BUS.	1454613.	1047321.	7153055.	5150199.	1899987.	1367990.	10507655.	7565510.	0.72
TOTAL		1362274.		14867630.		11716857.		27946761.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	28894.	16181.	28894.	16181.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		16181.		16181.	
WHEAT FOR FEED BUS.	2054915.	2959076.	1344956.	1936735.	5528892.	7961602.	8928762.	12857413.	1.44
OATS FOR FEED BUS.	1957007.	1095923.	7708691.	4316860.	9990247.	5594537.	19655935.	11007320.	0.56
BARLEY FOR FEED BUS.	628585.	452581.	2346743.	1589655.	12096220.	8709277.	15071548.	10351512.	0.72
TOTAL		4507581.		7943251.		22265418.		34716250.	
WHEAT BUSHELS	2273631.	3274027.	7788193.	11214993.	11628323.	16744779.	21690146.	31233792.	1.44
OATS BUSHELS	1957007.	1095923.	8492909.	4756028.	12815009.	7176404.	23264926.	13028355.	0.56
BARLEY BUSHELS	2083198.	1499922.	9499798.	6839854.	13996209.	10072269.	25579205.	18417024.	0.72
TOTAL		5869854.		22810877.		33998454.		62679185.	
FLAX BUSHELS	169896.	351684.	600865.	1243790.	846296.	1751831.	1617056.	3347304.	2.07
RAPESEED BUSHELS	306103.	606084.	916739.	1815143.	1442528.	2856205.	2665371.	5277431.	1.98
RYE BUSHELS	46599.	27959.	186337.	111802.	214454.	128672.	447390.	268434.	0.60
SUNFLOWERS LBS.	7429119.	445747.	23862949.	1431776.	42486064.	2549163.	73778132.	4426686.	0.06
POTATOES CWT.	321375.	588117.	735382.	1345748.	1882109.	3444258.	2938866.	5378122.	1.83
SUGAR BEETS TONS	35844.	572793.	82187.	1313350.	205365.	3281726.	323396.	5167859.	15.98
TOTAL		2592385.		7261612.		14011858.		23865855.	
VEAL CALVES	0.	0.	20404.	3154475.	0.	0.	20404.	3154475.	154.60
STOCKER CALVES	5781.	1261682.	130394.	28458544.	51416.	11221454.	187591.	40941664.	218.25
TOTAL CALVES	5781.	0.	150798.	0.	51416.	0.	207995.	0.	0.0
STOCKER CATTLE	3114.	110349.	152389.	5400668.	31987.	1133609.	187490.	6644626.	35.44
FED BEEF	3171.	284947.	146816.	17822016.	36948.	4485166.	186936.	22692112.	121.39
TOTAL		1756979.		54835717.		16840230.		73432926.	
WEANLING HOGS	25429.	349396.	181105.	2488379.	302132.	4151287.	508665.	6989061.	13.74
MARKET HOGS	26105.	547161.	162476.	3403490.	308923.	6425014.	497503.	10422664.	20.96
TOTAL		896557.		5893870.		10626302.		17416729.	
FLUID MILK LBS.	2527699.	191850.	17736152.	1340852.	42228022.	3192437.	62501873.	4725138.	0.08
MANF. MILK LBS.	6918878.	351479.	50244213.	2552405.	73340633.	3725704.	130503724.	6629587.	0.05
TOTAL		543329.		3893258.		6918141.		11354729.	
EGGS DOZ.	1005047.	197994.	7230493.	1424404.	11507876.	2267051.	19743405.	3889449.	0.20
BROILERS	83317.	67845.	441380.	359416.	919165.	748476.	1443862.	1175736.	0.81
TURKEYS	18060.	75123.	84141.	310028.	210912.	877393.	313113.	1302548.	4.16
TOTAL		340967.		2133848.		3892920.		6367736.	
INCOME	-1193803.	0.	0.	0.	-919776.	0.	-2113580.	0.	0.0
LABOR	1198489.	0.	6090785.	0.	5444201.	0.	13093776.	0.	0.0
TOTAL OPCAP LIVE	1556039.	0.	22266993.	0.	14353694.	0.	38176726.	0.	0.0
TOTAL OPCAP CROP	1764305.	0.	8788371.	0.	9918827.	0.	20471503.	0.	0.0
TOTAL OPCAP	3320345.	0.	31055364.	0.	24272522.	0.	58648230.	0.	0.0
TOTAL GRAIN FOR SALE		1362274.		14867630.		11733038.		27962942.	
TOTAL CROP PROD.		3462238.		30072489.		48010313.		86545040.	
TOTAL LVSTK. PROD		3937832.		66756693.		38277594.		108572119.	
TOTAL PRODUCTION		12000070.		96829182.		86287906.		195117159.	

Table 151

SOUTH WEST REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	1731654.	2493580.	7903144.	11380524.	6255032.	9007243.	15889830.	22881344.	1.44
OATS FOR SALE BUS.	0.	0.	570213.	319319.	1202842.	673591.	1773055.	992911.	0.56
BARLEY FOR SALE BUS.	675868.	486625.	3502950.	2522123.	3844580.	2768097.	8023397.	5726844.	0.72
TOTAL		2980206.		14221968.		12448932.		29651105.	
WHEAT FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED BUS.	50897.	28502.	0.	0.	50784.	28439.	101681.	56942.	0.56
BARLEY (BUSHEL) BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		28502.		0.		28439.		56942.	
WHEAT FOR FEED BUS.	757469.	1090755.	1927252.	2775242.	4083738.	5880580.	6768459.	9746577.	1.44
OATS FOR FEED BUS.	2394096.	1340693.	9062530.	5075016.	9281685.	5197743.	20738311.	11613452.	0.56
BARLEY FOR FEED BUS.	2383890.	1716400.	4120838.	6567003.	9266917.	6672180.	20771646.	14955843.	0.72
TOTAL		4147850.		14417262.		17750504.		36315616.	
WHEAT BUSHEL	2489123.	3584336.	9830395.	14155764.	10338768.	14887821.	22658286.	32627904.	1.44
OATS BUSHEL	2444993.	1369195.	9632740.	5394333.	10535309.	5899772.	22613041.	12663300.	0.56
BARLEY BUSHEL	3059758.	2203025.	12623790.	9089128.	13111497.	9440277.	28795044.	20732416.	0.72
TOTAL		7156558.		28639227.		30227871.		66023655.	
FLAX BUSHEL	155003.	320856.	885152.	1832264.	738506.	1528706.	1778661.	3681826.	2.07
RAPESEED BUSHEL	364904.	722510.	1160656.	2298097.	1371386.	2715343.	2896946.	5735950.	1.98
RYE BUSHEL	119394.	71636.	700140.	420084.	532653.	319592.	1352187.	811312.	0.60
SUNFLOWERS LBS.	2557614.	153457.	6988280.	419297.	14579162.	880750.	24225057.	1453503.	0.06
POTATOES CWT.	86024.	157424.	200164.	366300.	534298.	977765.	820486.	1501488.	1.83
SUGAR BEETS TONS	55.	873.	125.	194.	346.	5534.	526.	8401.	15.98
TOTAL		1426756.		5338037.		6427691.		13192484.	
VEAL CALVES	0.	0.	5602.	866088.	0.	0.	5602.	866088.	154.60
STOCKER CALVES	8120.	1772191.	172728.	37697808.	80113.	17484752.	260961.	56954736.	218.25
TOTAL CALVES	8120.	0.	178330.	0.	80113.	0.	266563.	0.	0.0
STOCKER CATTLE	3905.	138396.	216396.	7669079.	40686.	1441909.	260987.	9249384.	35.44
FED BEEF	3960.	480667.	205927.	24997424.	43869.	5325277.	253755.	30803344.	121.39
TOTAL		2391255.		71230404.		24251940.		97873599.	
WEANLING HOGS	13347.	183391.	122625.	1684860.	136908.	1881111.	272879.	3749361.	13.74
MARKET HOGS	13871.	290728.	125620.	2633001.	144200.	3022424.	283691.	5946153.	20.96
TOTAL		474119.		4317863.		4903536.		9695518.	
FLUID MILK LBS.	819580.	61960.	7683810.	580896.	8908764.	673502.	17412154.	1316358.	0.08
MANF. MILK LBS.	5384183.	273517.	50722234.	2576689.	53244386.	2704814.	109350803.	5555019.	0.05
TOTAL		335477.		3157585.		3378317.		6871379.	
EGGS DOZ.	320081.	63056.	2834041.	558306.	3121363.	614908.	6275485.	1236270.	0.20
BROILERS	62074.	50547.	317780.	258768.	522842.	425750.	902696.	735065.	0.81
TURKEYS	7910.	32904.	47867.	199125.	85818.	357003.	141594.	589032.	4.16
TOTAL		146506.		1016199.		1397662.		2560368.	
INCOME	-249801.	0.	0.	0.	6000588.	0.	5750787.	0.	0.0
LABOR	1156512.	0.	6809416.	0.	3926943.	0.	11892872.	0.	0.0
TOTAL OPCAP LIVE	1496715.	0.	27265847.	0.	12628305.	0.	41390867.	0.	0.0
TOTAL OPCAP CROP	1388477.	0.	5832113.	0.	5480171.	0.	12700762.	0.	0.0
TOTAL OPCAP	2885193.	0.	33097960.	0.	18108476.	0.	54091629.	0.	0.0
TOTAL GRAIN FOR SALE		3008708.		14221968.		12477371.		29708047.	
TOTAL CROP PROD.		8583313.		3397264.		36655562.		79216139.	
TOTAL LVSTK. PROD		3347357.		79722051.		33931455.		117000863.	
TOTAL PRODUCTION		11930671.		113699315.		70587016.		196217002.	

Table 152

NORTH WEST REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	1576097.	2269578.	1913184.	2754983.	1676741.	2414506.	5166021.	7439067.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	1446159.	1041234.	4757929.	3425709.	2197941.	1582517.	8402029.	6049460.	0.72
TOTAL		3310813.		6180693.		3997023.		13488529.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	396233.	221890.	468121.	262148.	7880.	4413.	872234.	488451.	0.56
BARLEY (BUSHEL) TOTAL	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		221890.		262148.		4413.		488451.	
WHEAT FOR FEED BUS.	414964.	597548.	2497694.	3596678.	1170993.	1686230.	4083651.	5880455.	1.44
OATS FOR FEED BUS.	1779351.	996436.	4177526.	2339414.	2958635.	1656835.	8915512.	4992685.	0.56
BARLEY FOR FEED BUS.	1828202.	1316305.	2615150.	1882908.	2489317.	1792308.	6932669.	4991521.	0.72
TOTAL		2910289.		7819001.		5135374.		15864664.	
WHEAT BUSHEL	1991060.	2867125.	4410877.	6351660.	2847733.	4100733.	9249670.	13319518.	1.44
OATS BUSHEL	2175584.	1218326.	4645647.	2601561.	2966514.	1661247.	9787745.	5481134.	0.56
BARLEY BUSHEL	3274360.	2352538.	7373079.	5308616.	4687257.	3374824.	15334695.	11040978.	0.72
TOTAL		6442992.		14251839.		9136806.		29841637.	
FLAX BUSHEL	106362.	220170.	287456.	595035.	137935.	285526.	531754.	1100729.	2.07
RAPESEED BUSHEL	900777.	1783538.	1425525.	2822539.	1266276.	2507226.	3592579.	7113303.	1.98
RYE BUSHEL	93656.	56194.	323590.	194154.	136560.	81936.	553807.	332284.	0.60
SUNFLOWERS LBS.	189797.	11388.	292749.	17565.	254078.	15245.	736674.	44197.	0.06
POTATOES CWT.	5223.	9558.	7773.	14224.	6416.	11742.	19412.	35524.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		2080848.		3643518.		2901674.		8626040.	
VEAL CALVES	0.	0.	48702.	7529356.	0.	0.	48702.	7529356.	154.60
STOCKER CALVES	12538.	2736435.	50033.	10919628.	34159.	7455132.	96729.	21111184.	218.25
TOTAL CALVES	12538.	0.	98735.	0.	34159.	0.	145432.	0.	0.0
STOCKER CATTLE	5821.	206293.	74261.	2631808.	16723.	592647.	96804.	3430748.	35.44
FED BEEF	5005.	607616.	73277.	8895047.	15351.	1863490.	93633.	11366152.	121.39
TOTAL		3550345.		29975842.		9911271.		43437458.	
WEANLING HOGS	15093.	207373.	81627.	1121549.	52626.	723075.	149345.	2051997.	13.74
MARKET HOGS	16682.	349661.	77113.	1516282.	57513.	1205461.	151308.	3171404.	20.96
TOTAL		557034.		2737833.		1928537.		5223404.	
FLUID MILK LBS.	1099980.	83158.	5266781.	398168.	3237860.	244782.	9604621.	726109.	0.08
MANF. MILK LBS.	8139625.	413493.	37747898.	1917593.	22820644.	1159288.	68708167.	3490323.	0.05
TOTAL		496651.		2315762.		1404071.		4216484.	
EGGS DOZ.	280768.	55311.	1398191.	275444.	891317.	175589.	2570275.	506344.	0.20
BROILERS	29562.	24072.	97705.	79561.	100709.	82008.	227977.	185641.	0.81
TURKEYS	7119.	29615.	23779.	98921.	22559.	93845.	53457.	222380.	4.16
TOTAL		108998.		453925.		351442.		914366.	
INCOME	-290835.	0.	0.	0.	2980931.	0.	2690096.	0.	0.0
LABOR	1184979.	0.	3798692.	0.	1482743.	0.	6466415.	0.	0.0
TOTAL OPCAP LIVE	2051849.	0.	14550263.	0.	5185469.	0.	21787582.	0.	0.0
TOTAL OPCAP CROP	1600027.	0.	2966332.	0.	1889840.	0.	6456199.	0.	0.0
TOTAL OPCAP	3651876.	0.	17516596.	0.	7075310.	0.	28243782.	0.	0.0
TOTAL GRAIN FOR SALE		3532703.		6442841.		4001436.		13976980.	
TOTAL CROP PRD.		8523839.		17905357.		12038481.		38467677.	
TOTAL LVSTK. PRD.		4713029.		35483367.		13505321.		53791712.	
TOTAL PRODUCTION		13236868.		53388718.		25633802.		92259388.	

Table 153

INTERLAKE REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	110.	158.	238.	342.	1593.	2294.	300.	432.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	209.	150.	577.	416.	119.	85.	0.72
TOTAL		158.		493.		2710.		518.	
WHEAT FOR SALE	0.	0.	0.	0.	27.	39.	3.	4.	1.44
OATS AS FEED	0.	0.	0.	0.	2448.	1371.	255.	143.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		1410.		147.	
WHEAT FOR FEED BUS.	273.	393.	901.	1298.	1277.	1840.	553.	797.	1.44
OATS FOR FEED BUS.	636.	356.	1922.	1077.	3180.	1781.	1261.	706.	0.56
BARLEY FOR FEED BUS.	580.	417.	1542.	1110.	4466.	3215.	1254.	903.	0.72
TOTAL		1166.		3484.		6836.		2405.	
WHEAT BUSHELS	383.	551.	1139.	1640.	2898.	4173.	856.	1233.	1.44
OATS BUSHELS	636.	356.	1922.	1077.	5629.	3152.	1516.	849.	0.56
BARLEY BUSHELS	580.	417.	1751.	1261.	5043.	3631.	1372.	988.	0.72
TOTAL		1324.		3977.		10956.		3070.	
FLAX BUSHELS	34.	70.	116.	239.	230.	476.	77.	160.	2.07
RAPESEED BUSHELS	22.	43.	49.	97.	156.	308.	43.	86.	1.98
RYE BUSHELS	5.	3.	17.	10.	30.	18.	11.	7.	0.60
SUNFLOWERS LBS.	46.	3.	97.	6.	571.	34.	115.	7.	0.06
POTATOES CWT.	10.	18.	21.	38.	123.	225.	25.	45.	1.83
SUGAR BEETS TONS	1.	11.	1.	23.	9.	144.	2.	28.	15.98
TOTAL		148.		414.		1206.		333.	
VEAL CALVES	0.	0.	73.	11341.	0.	0.	21.	3170.	154.60
STOCKER CALVES	3.	731.	3.	565.	57.	12546.	9.	1917.	218.25
TOTAL CALVES	3.	0.	76.	0.	57.	0.	29.	0.	0.0
STOCKER CATTLE	2.	57.	16.	579.	31.	1104.	9.	312.	35.44
FED BEEF	1.	125.	19.	2326.	29.	3574.	9.	1131.	121.39
TOTAL		964.		14810.		17224.		6530.	
WEANLING HOGS	6.	76.	34.	474.	237.	3255.	38.	519.	13.74
MARKET HOGS	5.	95.	32.	626.	206.	4318.	33.	698.	20.96
TOTAL		171.		1150.		7573.		1216.	
FLUID MILK LBS.	2479.	187.	21082.	1594.	77584.	5865.	15511.	1173.	0.08
MANF. MILK LBS.	3043.	155.	20498.	1041.	84585.	4297.	16425.	834.	0.05
TOTAL		342.		2635.		10162.		2007.	
EGGS DOZ.	202.	40.	1749.	345.	5921.	1166.	1231.	242.	0.20
BROILERS	16.	13.	99.	80.	824.	671.	123.	100.	0.81
TURKEYS	19.	78.	106.	441.	455.	1895.	89.	369.	4.16
TOTAL		130.		866.		3732.		711.	
INCOME	-353.	0.	0.	0.	2507.	0.	44.	0.	0.0
LABOR	324.	0.	1972.	0.	3528.	0.	1119.	0.	0.0
TOTAL OPCAP LIVE	706.	0.	9557.	0.	14656.	0.	4635.	0.	0.0
TOTAL OPCAP CROP	112.	0.	334.	0.	1381.	0.	307.	0.	0.0
TOTAL OPCAP	819.	0.	9891.	0.	16037.	0.	4942.	0.	0.0
TOTAL GRAIN FOR SALE		158.		493.		4120.		665.	
TOTAL CROP PROD.		1472.		4391.		12162.		3403.	
TOTAL LVSTK. PROD		1607.		19461.		38691.		10465.	
TOTAL PRODUCTION		3080.		23852.		50853.		13868.	

Table 154

EASTERN REGION									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	0.	0.	0.	0.	2077.	2990.	273.	393.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		2990.		393.	
WHEAT FOR SALE	0.	0.	0.	0.	243.	349.	32.	46.	1.44
OATS AS FEED	0.	0.	0.	0.	574.	321.	75.	42.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		670.		88.	
WHEAT FOR FEED BUS.	454.	654.	1626.	2341.	2053.	2956.	934.	1345.	1.44
OATS FOR FEED BUS.	612.	343.	2223.	1245.	5268.	2950.	1595.	893.	0.56
BARLEY FOR FEED BUS.	370.	266.	1343.	967.	3633.	2616.	1023.	736.	0.72
TOTAL		1263.		4553.		8522.		2975.	
WHEAT BUSHELS	454.	654.	1626.	2341.	4372.	6296.	1239.	1784.	1.44
OATS BUSHELS	612.	343.	2223.	1245.	5841.	3271.	1670.	935.	0.56
BARLEY BUSHELS	370.	266.	1343.	967.	3633.	2616.	1023.	736.	0.72
TOTAL		1263.		4553.		12182.		3456.	
FLAX BUSHELS	18.	38.	88.	183.	161.	333.	53.	110.	2.07
RAPESEED BUSHELS	17.	33.	85.	169.	160.	317.	51.	102.	1.98
RYE BUSHELS	4.	2.	16.	10.	29.	17.	10.	6.	0.60
SUNFLOWERS LBS.	260.	16.	668.	40.	2760.	166.	682.	41.	0.06
POTATOES CWT.	32.	58.	81.	147.	329.	602.	82.	150.	1.83
SUGAR BEETS TONS	5.	73.	12.	187.	49.	776.	12.	192.	15.98
TOTAL		221.		736.		2212.		601.	
VEAL CALVES	0.	0.	34.	5275.	0.	0.	8.	1216.	154.60
STOCKER CALVES	1.	243.	34.	7518.	28.	6018.	12.	2679.	218.25
TOTAL CALVES	1.	0.	69.	0.	28.	0.	20.	0.	0.0
STOCKER CATTLE	1.	21.	41.	1457.	18.	646.	12.	434.	35.44
FED BEEF	1.	20.	39.	4777.	16.	1977.	12.	1406.	121.39
TOTAL		334.		19027.		8641.		5734.	
WEANLING HOGS	4.	60.	32.	436.	158.	2172.	31.	424.	13.74
MARKET HOGS	4.	90.	42.	885.	164.	3436.	34.	713.	20.96
TOTAL		150.		1320.		5608.		1137.	
FLUID MILK LBS.	2254.	170.	17645.	1334.	95696.	7235.	18074.	1366.	0.08
MANF. MILK LBS.	2882.	146.	26458.	1344.	101130.	5137.	21221.	1078.	0.05
TOTAL		317.		2678.		12372.		2444.	
EGGS DOZ.	481.	95.	4089.	805.	14398.	2836.	3141.	619.	0.20
BROILERS	101.	83.	757.	616.	4369.	3558.	813.	662.	0.81
TURKEYS	17.	72.	108.	451.	594.	2471.	114.	474.	4.16
TOTAL		249.		1873.		8865.		1755.	
INCOME	-777.	0.	0.	0.	-2136.	0.	-776.	0.	0.0
LABOR	291.	0.	2069.	0.	3671.	0.	1145.	0.	0.0
TOTAL OPCAP LIVF	477.	0.	9304.	0.	12919.	0.	4146.	0.	0.0
TOTAL OPCAP CROP	104.	0.	350.	0.	2327.	0.	452.	0.	0.0
TOTAL OPCAP	581.	0.	9654.	0.	15246.	0.	4599.	0.	0.0
TOTAL GRAIN FOR SALE		0.		0.		3661.		481.	
TOTAL CROP PROD.		1484.		5289.		14394.		4057.	
TOTAL LVSTK. PROD		1051.		24897.		35486.		11071.	
TOTAL PRODUCTION		2535.		30186.		49880.		15127.	

Table 155

CENTRAL REGION									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	63.	91.	1692.	2437.	3582.	5157.	1419.	2044.	1.44
OATS FOR SALE BUS.	0.	0.	206.	115.	1642.	919.	398.	223.	0.56
BARLEY FOR SALE BUS.	418.	301.	1878.	1352.	1116.	803.	1169.	841.	0.72
TOTAL		391.		3904.		6880.		3108.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	17.	10.	3.	2.	0.56
BARLEY (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		10.		2.	
WHEAT FOR FEED BUS.	590.	850.	353.	509.	3247.	4675.	993.	1430.	1.44
OATS FOR FEED BUS.	562.	315.	2024.	1134.	5866.	3285.	2186.	1224.	0.56
BARLEY FOR FEED BUS.	181.	130.	616.	444.	7103.	5114.	1676.	1207.	0.72
TOTAL		1295.		2086.		13074.		3861.	
WHEAT BUSHEL	653.	941.	2045.	2945.	6828.	9833.	2412.	3474.	1.44
OATS BUSHEL	562.	315.	2230.	1249.	7525.	4214.	2588.	1449.	0.56
BARLEY BUSHEL	599.	431.	2495.	1296.	8219.	5917.	2845.	2048.	0.72
TOTAL		1687.		5990.		19964.		6971.	
FLAX BUSHEL	49.	101.	158.	327.	497.	1029.	180.	372.	2.07
RAPESEED BUSHEL	88.	174.	241.	477.	847.	1677.	296.	587.	1.98
RYE BUSHEL	13.	8.	49.	29.	126.	76.	50.	30.	0.60
SUNFLOWERS LBS.	2135.	128.	6267.	376.	24948.	1497.	8206.	492.	0.06
POTATOES CWT.	92.	169.	193.	353.	1105.	2022.	327.	598.	1.83
SUGAR BEETS TONS	10.	165.	22.	345.	121.	1927.	36.	575.	15.98
TOTAL		745.		1907.		8228.		2654.	
VEAL CALVES	0.	0.	5.	828.	0.	0.	2.	351.	154.60
STOCKER CALVES	2.	363.	34.	7473.	30.	6589.	21.	4554.	218.25
TOTAL CALVES	2.	0.	40.	0.	30.	0.	23.	0.	0.0
STOCKER CATTLE	1.	32.	40.	1418.	19.	666.	21.	739.	35.44
FED BEEF	1.	111.	39.	4680.	22.	2634.	21.	2524.	121.39
TOTAL		505.		14400.		9889.		8167.	
WEANLING HOGS	7.	100.	48.	653.	177.	2438.	57.	777.	13.74
MARKET HOGS	8.	157.	43.	894.	181.	3802.	55.	1150.	20.96
TOTAL		258.		1548.		6240.		1937.	
FLUID MILK LBS.	729.	55.	4658.	352.	24796.	1875.	6952.	526.	0.08
MANF. MILK LBS.	1988.	101.	13194.	620.	43066.	2188.	14515.	737.	0.05
TOTAL		156.		1022.		4062.		1263.	
EGGS DOZ.	289.	57.	1899.	374.	6757.	1331.	2196.	433.	0.20
BROILERS	24.	19.	116.	94.	540.	440.	161.	131.	0.81
TURKEYS	5.	22.	22.	92.	124.	515.	35.	145.	4.16
TOTAL		98.		566.		2286.		708.	
INCOME	-343.	0.	0.	0.	-540.	0.	-235.	0.	0.0
LABOR	333.	0.	1500.	0.	3432.	0.	1456.	0.	0.0
TOTAL OPCAP LIVE	447.	0.	5847.	0.	8428.	0.	4246.	0.	0.0
TOTAL OPCAP CROP	507.	0.	2308.	0.	5824.	0.	2277.	0.	0.0
TOTAL OPCAP	954.	0.	8155.	0.	14253.	0.	6523.	0.	0.0
TOTAL GRAIN FOR SALE		391.		3904.		6890.		3110.	
TOTAL CROP PROD.		2432.		7897.		28192.		9626.	
TOTAL LVSTK. PROD		1017.		17531.		22477.		12076.	
TOTAL PRODUCTION		3448.		25428.		50668.		21701.	

Table 156

SOUTH WEST REGION										
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE	
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE		
WHEAT FOR SALE BUS.	552.	795.	1825.	2628.	3849.	5543.	1748.	2517.	1.44	
OATS FOR SALE BUS.	0.	0.	132.	74.	740.	415.	195.	109.	0.56	
BARLEY FOR SALE BUS.	215.	155.	809.	582.	2366.	1703.	882.	635.	0.72	
TOTAL		950.		3285.		7661.		3261.		
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44	
OATS AS FEED	16.	9.	0.	0.	31.	18.	11.	6.	0.56	
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72	
TOTAL		9.		0.		18.		6.		
WHEAT FOR FEED BUS.	241.	348.	445.	641.	2513.	3619.	744.	1072.	1.44	
OATS FOR FEED BUS.	763.	427.	2093.	1172.	5712.	3199.	2281.	1277.	0.56	
BARLEY FOR FEED BUS.	760.	547.	2106.	1517.	5703.	4106.	2285.	1545.	0.72	
TOTAL		1322.		3330.		10923.		3994.		
WHEAT BUSHELS	793.	1143.	2270.	3269.	6362.	9162.	2492.	3589.	1.44	
OATS BUSHELS	779.	436.	2225.	1246.	6483.	3631.	2487.	1393.	0.56	
BARLEY BUSHELS	975.	702.	2915.	2099.	8069.	5609.	3167.	2280.	0.72	
TOTAL		2281.		6614.		18602.		7262.		
FLAX BUSHELS	49.	102.	204.	423.	454.	941.	196.	405.	2.07	
RAPESEED BUSHELS	116.	230.	268.	531.	844.	1671.	319.	631.	1.98	
RYE BUSHELS	38.	23.	162.	97.	328.	197.	149.	89.	0.60	
SUNFLOWERS LBS.	815.	49.	1614.	97.	9033.	542.	2664.	160.	0.06	
POTATOES CWT.	27.	50.	46.	85.	329.	602.	90.	165.	1.83	
SUGAR BEETS TONS	0.	0.	0.	0.	0.	3.	0.	1.	15.98	
TOTAL		455.		1233.		3956.		1451.		
VEAL CALVES	0.	0.	1.	200.	0.	0.	1.	95.	154.60	
STOCKER CALVES	3.	565.	40.	8706.	49.	10760.	29.	6264.	218.25	
TOTAL CALVES	3.	0.	41.	0.	49.	0.	29.	0.	0.0	
STOCKER CATTLE	1.	44.	50.	1771.	25.	887.	29.	1017.	35.44	
FED BEEF	1.	153.	48.	5272.	27.	3227.	28.	3388.	121.39	
TOTAL		762.		16450.		14924.		10765.		
WEANLING HOGS	4.	58.	28.	389.	84.	1158.	30.	412.	13.74	
MARKET HOGS	4.	93.	29.	608.	89.	1860.	31.	654.	20.96	
TOTAL		151.		997.		3018.		1066.		
FLUID MILK LBS.	261.	20.	1775.	134.	5482.	414.	1915.	145.	0.08	
MANF. MILK LBS.	1716.	87.	11714.	595.	32766.	1665.	12027.	611.	0.05	
TOTAL		107.		729.		2079.		756.		
EGGS DOZ.	102.	20.	655.	129.	1921.	378.	690.	136.	0.20	
BROILERS	20.	16.	73.	60.	322.	262.	99.	81.	0.81	
TURKEYS	3.	10.	11.	46.	53.	220.	16.	65.	4.16	
TOTAL		47.		235.		860.		282.		
INCOME	-80.	0.	0.	0.	3693.	0.	633.	0.	0.0	
LABOR	369.	0.	1573.	0.	2417.	0.	1308.	0.	0.0	
TOTAL OPCAP LIVE	477.	0.	6297.	0.	7771.	0.	4552.	0.	0.0	
TOTAL OPCAP CROP	443.	0.	1347.	0.	3372.	0.	1397.	0.	0.0	
TOTAL OPCAP	920.	0.	7644.	0.	11144.	0.	5949.	0.	0.0	
TOTAL GRAIN FOR SALE		959.		3285.		7678.		3267.		
TOTAL CROP PROD.		2736.		7847.		22557.		8713.		
TOTAL LVSTK. PROD		1067.		18412.		20881.		12869.		
TOTAL PRODUCTION		3803.		26259.		43438.		21581.		

Table 157

NORTH WEST REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	460.	663.	758.	1092.	2600.	3743.	783.	1128.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	422.	304.	1885.	1357.	3408.	2454.	1274.	917.	0.72
TOTAL		967.		2449.		6197.		2046.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	116.	65.	185.	104.	12.	7.	132.	74.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		65.		104.		7.		74.	
WHEAT FOR FEED BUS.	121.	174.	990.	1425.	1815.	2614.	619.	892.	1.44
OATS FOR FEED BUS.	520.	291.	1655.	927.	4587.	2569.	1352.	757.	0.56
BARLEY FOR FEED BUS.	534.	384.	1036.	746.	3859.	2779.	1051.	757.	0.72
TOTAL		850.		3098.		7962.		2406.	
WHEAT BUSHELS	581.	837.	1748.	2517.	4415.	6358.	1403.	2020.	1.44
OATS BUSHELS	635.	356.	1841.	1031.	4599.	2576.	1484.	831.	0.56
BARLEY BUSHELS	956.	688.	2921.	2103.	7267.	5232.	2326.	1674.	0.72
TOTAL		1881.		5650.		14166.		4526.	
FLAX BUSHELS	31.	64.	114.	236.	214.	443.	81.	167.	2.07
RAPESEED BUSHELS	263.	521.	565.	1119.	1963.	3887.	545.	1079.	1.98
RYE BUSHELS	27.	16.	128.	77.	212.	127.	84.	50.	0.60
SUNFLOWERS LBS.	55.	3.	116.	7.	394.	24.	112.	7.	0.06
POTATOES CWT.	2.	3.	3.	6.	10.	18.	3.	5.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		608.		1444.		4499.		1308.	
VEAL CALVES	0.	0.	19.	2983.	0.	0.	7.	1142.	154.60
STOCKER CALVES	4.	799.	20.	4326.	53.	11558.	15.	3202.	218.25
TOTAL CALVES	4.	0.	39.	0.	53.	0.	22.	0.	0.0
STOCKER CATTLE	2.	60.	29.	1043.	26.	919.	15.	520.	35.44
FED BEEF	1.	177.	29.	3524.	24.	2889.	14.	1724.	121.39
TOTAL		1037.		11876.		15366.		6587.	
WEANLING HOGS	4.	61.	32.	444.	82.	1121.	23.	311.	13.74
MARKET HOGS	5.	102.	31.	640.	89.	1859.	23.	481.	20.96
TOTAL		163.		1085.		2990.		792.	
FLUID MILK LBS.	321.	24.	2087.	158.	5020.	380.	1457.	110.	0.08
MANF. MILK LBS.	2377.	121.	14956.	760.	35381.	1797.	10420.	529.	0.05
TOTAL		145.		917.		2177.		639.	
EGGS DOZ.	82.	16.	554.	109.	1382.	272.	390.	77.	0.20
BROILERS	9.	7.	39.	32.	156.	127.	35.	28.	0.81
TURKEYS	2.	0.	9.	30.	35.	145.	8.	34.	4.16
TOTAL		32.		180.		545.		139.	
INCOME	-85.	0.	0.	0.	4622.	0.	408.	0.	0.0
LABOR	346.	0.	1505.	0.	2299.	0.	981.	0.	0.0
TOTAL OPCAP LIVE	599.	0.	5765.	0.	8039.	0.	3304.	0.	0.0
TOTAL OPCAP CROP	467.	0.	1175.	0.	2930.	0.	979.	0.	0.0
TOTAL OPCAP	1066.	0.	6940.	0.	10969.	0.	4283.	0.	0.0
TOTAL GRAIN FOR SALE		1031.		2553.		6204.		2120.	
TOTAL CROP PROD.		2489.		7094.		18664.		5834.	
TOTAL LVSTK. PROD		1376.		14058.		21078.		8158.	
TOTAL PRODUCTION		3865.		21152.		39742.		13991.	

Table 158

<u>PROVINCE REGION</u>		FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT
COMMODITY		NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	PRICE
WHEAT FOR SALE BUS.		232.	334.	1250.	1800.	3145.	4529.	1051.	1514.	1.44
OATS FOR SALE BUS.		0.	0.	102.	57.	769.	431.	153.	86.	0.56
BARLEY FOR SALE BUS.		217.	156.	1183.	852.	1579.	1137.	786.	566.	0.72
TOTAL			490.		2709.		6096.		2166.	
WHEAT FOR SALE		0.	0.	0.	0.	38.	55.	6.	8.	1.44
OATS AS FEED		27.	15.	35.	20.	320.	179.	74.	41.	0.56
BARLEY (BUSHEL)		0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL			15.		20.		234.		49.	
WHEAT FOR FEED BUS.		343.	494.	685.	986.	2489.	3584.	792.	1141.	1.44
OATS FOR FEED BUS.		615.	344.	1987.	1113.	5332.	2986.	1837.	1029.	0.56
BARLEY FOR FEED BUS.		473.	341.	1344.	968.	5518.	3973.	1554.	1119.	0.72
TOTAL			1179.		3068.		10543.		3288.	
WHEAT BUSHEL		575.	828.	1934.	2786.	5672.	8168.	1849.	2663.	1.44
OATS BUSHEL		642.	360.	2125.	1190.	6420.	3595.	2064.	1156.	0.56
BARLEY BUSHEL		690.	497.	2527.	1819.	7097.	5110.	2340.	1685.	0.72
TOTAL			1685.		5795.		16873.		5503.	
FLAX BUSHEL		36.	74.	154.	318.	375.	777.	131.	271.	2.07
RAPESEED BUSHEL		103.	203.	278.	550.	822.	1627.	276.	547.	1.98
RYE BUSHEL		18.	11.	95.	57.	177.	106.	70.	42.	0.60
SUNFLOWERS LBS.		683.	41.	2428.	146.	11496.	690.	2954.	177.	0.06
POTATOES CWT.		34.	62.	81.	149.	525.	961.	125.	229.	1.83
SUGAR BEETS TONS		3.	53.	8.	120.	47.	759.	11.	184.	15.98
TOTAL			444.		1339.		4920.		1450.	
VEAL CALVES		0.	0.	16.	2471.	0.	0.	6.	937.	154.60
STOCKER CALVES		2.	526.	30.	6633.	41.	8956.	19.	4096.	218.25
TOTAL CALVES		2.	0.	46.	0.	41.	0.	25.	0.	0.0
STOCKER CATTLE		1.	42.	39.	1387.	23.	803.	19.	665.	35.44
FED BEEF		1.	134.	38.	4606.	24.	2854.	18.	2234.	121.39
TOTAL			702.		15096.		12612.		7932.	
WEANLING HOGS		5.	71.	36.	488.	139.	1908.	37.	503.	13.74
MARKET HOGS		5.	108.	35.	731.	141.	2948.	37.	767.	20.96
TOTAL			179.		1219.		4856.		1270.	
FLUID MILK LBS.		1189.	90.	6082.	460.	31433.	2376.	7546.	570.	0.08
MANF. MILK LBS.		2394.	122.	15075.	766.	51128.	2597.	14454.	734.	0.05
TOTAL			212.		1226.		4974.		1305.	
EGGS DOZ.		239.	47.	1444.	284.	5627.	1109.	1498.	295.	0.20
BROILERS		36.	29.	151.	123.	1012.	824.	225.	183.	0.81
TURKEYS		9.	37.	33.	136.	189.	787.	45.	186.	4.16
TOTAL			114.		543.		2720.		664.	
INCOME		-339.	0.	0.	0.	1460.	0.	57.	0.	0.0
LABOR		332.	0.	1655.	0.	3018.	0.	1233.	0.	0.0
TOTAL OPCAP LIVE		534.	0.	6677.	0.	9390.	0.	4181.	0.	0.0
TOTAL OPCAP CROP		330.	0.	1394.	0.	3789.	0.	1248.	0.	0.0
TOTAL OPCAP		864.	0.	8071.	0.	13179.	0.	5429.	0.	0.0
TOTAL GRAIN FOR SALE			505.		2729.		6330.		2215.	
TOTAL CROP PROD.			2129.		7134.		21793.		6953.	
TOTAL LVSTK. PROD			1207.		18084.		25162.		11170.	
TOTAL PRODUCTION			3335.		25218.		46955.		18123.	

APPENDIX E

Detailed results for the 'Historic 1971' situation* are given in this appendix by region, for a) all farms in the region, and b) the average farm in the region as indicated below.

Crop District (C.D.) or Administrative Region (A.R.)	Total (All Farms) or Average (1 Farm)	Table No.
C.D. 1	Total	159
C.D. 2	Total	160
C.D. 3	Total	161
C.D. 4	Total	162
C.D. 5	Total	163
C.D. 6	Total	164
C.D. 7	Total	165
C.D. 8	Total	166
C.D. 9	Total	167
C.D. 10	Total	168
C.D. 11	Total	169
C.D. 12	Total	170
C.D. 13	Total	171
C.D. 14	Total	172
Province	Total	173
A.R. Interlake	Total	174
A.R. Eastern	Total	175
A.R. Central	Total	176
A.R. South West	Total	177
A.R. North West	Total	178
A.R. Interlake	Average	179
A.R. Eastern	Average	180
A.R. Central	Average	181
A.R. South West	Average	182
A.R. North West	Average	183
Province	Average	184

*The results given in this appendix indicate actual production levels by farm size in 1971. The linear programming model was not employed to generate these results,

thus values for income and labor appear in the tables as zeros. This is because no data is published for the income and labor categories which correspond to the farm size classifications employed in this thesis.

Table 159

CROP DISTRICT 1

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	362471.	521958.	2293628.	3302823.	2410078.	3470511.	5066177.	7295292.	1.44
OATS FOR SALE BUS.	43262.	24227.	273752.	153301.	287651.	161084.	604665.	338612.	0.56
BARLEY FOR SALE BUS.	233402.	168050.	1476911.	1063373.	1551895.	1117364.	3262208.	2348788.	0.72
TOTAL		714235.		4519499.		4748959.		9982692.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	11012.	15857.	69679.	100338.	73217.	105432.	153908.	221627.	1.44
OATS FOR FEED BUS.	258433.	144722.	1635297.	915766.	1718323.	962261.	3612052.	2022748.	0.56
BARLEY FOR FEED BUS.	152008.	109445.	961866.	622544.	1010701.	727705.	2124574.	1529693.	0.72
TOTAL		270024.		1708647.		1795397.		3774068.	
WHEAT BUSHELS	373460.	537782.	2363159.	3402947.	2483140.	3575720.	5219759.	7516449.	1.44
OATS BUSHELS	283602.	158817.	1794562.	1704955.	1885674.	1055977.	3963838.	2219748.	0.56
BARLEY BUSHELS	385285.	277405.	2437987.	1755350.	2561766.	1844471.	5395038.	3877226.	0.72
TOTAL		974004.		6163251.		6476168.		13613423.	
FLAX BUSHELS	67431.	139582.	426690.	883248.	448353.	928091.	942474.	1950920.	2.07
RAPESEED BUSHELS	40605.	80398.	256940.	508741.	269985.	534570.	567530.	1123709.	1.98
RYE BUSHELS	39457.	23674.	249673.	149804.	262349.	157409.	551479.	330887.	0.60
SUNFLOWERS LBS.	399609.	23977.	2528629.	151718.	2657010.	159421.	5585248.	335115.	0.06
POTATOES CWT.	662.	1211.	4188.	7664.	4400.	8052.	9250.	16927.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		268842.		1701173.		1787540.		3757555.	
VEAL CALVES	53.	8228.	509.	78633.	722.	111645.	1284.	198506.	154.60
STOCKER CALVES	1141.	248975.	10906.	2380316.	15485.	3379567.	27532.	6008857.	218.25
TOTAL CALVES	1194.	0.	11415.	0.	16207.	0.	0.	0.	0.0
STOCKER CATTLE	777.	27537.	7424.	263106.	10540.	373537.	18741.	664181.	35.44
FED BEEF	612.	74221.	5851.	710253.	8306.	1008265.	14769.	172808.	121.39
TOTAL		359030.		3432307.		4873013.		8664350.	
WEANLING HOGS	1799.	24718.	17195.	236259.	24413.	335435.	43407.	596412.	13.74
MARKET HOGS	1496.	31356.	14296.	292644.	20298.	425446.	36090.	756446.	20.96
TOTAL		56074.		535903.		760880.		1352858.	
FLUID MILK LBS.	118296.	8943.	1130493.	85465.	1605098.	121345.	2853887.	215754.	0.08
MANF. MILK LBS.	780812.	32665.	7461794.	372059.	10594416.	538196.	18837008.	956921.	0.05
TOTAL		48808.		464524.		659542.		1172674.	
EGGS DOZ.	30006.	5911.	286747.	56489.	407130.	80205.	723883.	142605.	0.20
BROILERS	1248.	1016.	11923.	9709.	16928.	13784.	30099.	24510.	0.81
TURKEYS	65.	270.	620.	2579.	881.	3665.	1566.	6515.	4.16
TOTAL		7198.		68777.		97654.		173629.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		714235.		4519499.		4748959.		9982692.	
TOTAL CRCP PROD.		1242846.		7864424.		8263708.		17370976.	
TOTAL LVSTK. PROD		470911.		4501511.		6391087.		11363510.	
TOTAL PRODUCTION		1713756.		12365935.		14654795.		28734480.	

Table 160

CROP DISTRICT 2

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	535052.	770474.	2119379.	3051904.	2630518.	3787944.	5284948.	7610322.	1.44
OATS FOR SALE BUS.	70860.	39682.	280682.	157182.	348375.	195090.	699917.	391953.	0.56
BARLEY FOR SALE BUS.	553865.	398783.	2193900.	1579607.	2723012.	1960558.	5470777.	3939957.	0.72
TOTAL		1208938.		4788692.		5943602.		11941232.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	65742.	94668.	260408.	374987.	323211.	465424.	649361.	935079.	1.44
OATS FOR FEED BUS.	526377.	294771.	2085019.	1167610.	2587872.	1449208.	5199268.	2911589.	0.56
BARLEY FOR FEED BUS.	336046.	241953.	1331102.	958393.	1652130.	1189533.	3319278.	2389879.	0.72
TOTAL		631392.		2500990.		3104165.		6236547.	
WHEAT BUSHELS	600752.	865083.	2379622.	3426654.	2953525.	4253074.	5933899.	8544810.	1.44
OATS BUSHELS	565302.	316569.	2239204.	1253954.	2779242.	1556375.	5583748.	3126898.	0.56
BARLEY BUSHELS	889690.	640577.	3524125.	2537369.	4374054.	3149318.	8787869.	6327263.	0.72
TOTAL		1822227.		7217977.		8958767.		17998960.	
FLAX BUSHELS	70118.	145144.	277743.	574928.	344727.	713585.	692588.	1433656.	2.07
RAPESEED BUSHELS	100686.	199358.	398826.	789675.	495013.	980126.	994525.	1969158.	1.99
RYE BUSHELS	10120.	6072.	40096.	24052.	49754.	29852.	99960.	59976.	0.60
SUNFLOWERS LBS.	609266.	36556.	2413347.	144801.	2995385.	179723.	6017998.	361080.	0.06
POTATOES CWT.	139.	254.	551.	1008.	584.	1252.	1374.	2514.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		387385.		1534462.		1904536.		3826382.	
VEAL CALVES	48.	7487.	443.	68466.	864.	133530.	1355.	209483.	154.60
STOCKER CALVES	1039.	226669.	9498.	2072968.	18525.	4043143.	29062.	6342779.	218.25
TOTAL CALVES	1087.	0.	9941.	0.	19389.	0.	0.	0.	0.0
STOCKER CATTLE	691.	24489.	6319.	223945.	12324.	436762.	19334.	685197.	35.44
FED BEEF	829.	106632.	7582.	920379.	14787.	1794993.	23198.	2816004.	121.39
TOTAL		359277.		3285757.		6408427.		10053460.	
WEANLING HOGS	5044.	69305.	46126.	633771.	89959.	1236036.	141129.	1939111.	13.74
MARKET HOGS	5606.	117502.	51269.	1074597.	99989.	2095768.	156864.	3287866.	20.96
TOTAL		186806.		1708368.		3331804.		5226978.	
FLUID MILK LBS.	201261.	15215.	1840526.	139144.	3589571.	271371.	5631358.	425730.	0.08
MANF. MILK LBS.	1709060.	85820.	15629331.	793270.	30481824.	1548476.	47820208.	2429266.	0.05
TOTAL		102036.		933114.		1819847.		2854996.	
EGGS DOZ.	106975.	21074.	978282.	192722.	1907940.	375864.	2993197.	589660.	0.20
BROILERS	19573.	15938.	178991.	145752.	349085.	284260.	547649.	445950.	0.81
TURKEYS	233.	969.	2133.	8873.	4159.	17301.	6525.	27144.	4.16
TOTAL		37982.		347347.		677425.		1062754.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		1208938.		4788692.		5943602.		11941232.	
TOTAL CROP PROD.		2209611.		8752439.		10863303.		21825328.	
TOTAL LVSTK. PROD		686100.		6274585.		12237503.		19198176.	
TOTAL PRODUCTION		2895710.		15027024.		23100800.		41023504.	

Table 161

CROP DISTRICT 3									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	871590.	1255089.	2997701.	4316688.	4992884.	7189750.	8862175.	12761527.	1.44
OATS FOR SALE BUS.	510851.	286077.	1756995.	983917.	2926399.	1639783.	5194245.	2908776.	0.56
BARLEY FOR SALE BUS.	762248.	548812.	2621636.	1887577.	4366521.	3143894.	7750405.	5580289.	0.72
TOTAL		2089983.		7188182.		11972427.		21250592.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	173818.	250298.	597820.	860861.	995712.	1433824.	1767350.	2544982.	1.44
OATS FOR FEED BUS.	653341.	365871.	2247065.	1258356.	3742646.	2095881.	6643051.	3720107.	0.56
BARLEY FOR FEED BUS.	433669.	312241.	1491537.	1073906.	2484260.	1788667.	4409465.	3174814.	0.72
TOTAL		928410.		3193122.		5318372.		9439903.	
WHEAT BUSHEL	1045327.	1505270.	3595242.	5177146.	5988131.	8622906.	10628700.	15305322.	1.44
OATS BUSHEL	1131984.	633911.	3893288.	2180241.	6484547.	3631345.	11509819.	6445496.	0.56
BARLEY BUSHEL	1195484.	860748.	4111687.	2260414.	6848307.	4930780.	12155478.	8751942.	0.72
TOTAL		2999928.		10317801.		17185024.		30502752.	
FLAX BUSHEL	122611.	253805.	421701.	872921.	702373.	1453911.	1246685.	2580636.	2.07
RAPESEED BUSHEL	188620.	373468.	648730.	1284485.	1080505.	2139399.	1917855.	3797351.	1.98
RYE BUSHEL	15492.	9295.	53283.	31970.	88747.	53248.	157522.	94513.	0.60
SUNFLOWERS LBS.	6969926.	418196.	23971984.	1438319.	39927040.	2395622.	70868944.	4252136.	0.06
POTATOES CWT.	205526.	376113.	706875.	1293581.	1177349.	2154548.	2089750.	3824241.	1.83
SUGAR BEETS TONS	29828.	476651.	102590.	1639388.	170871.	2730518.	303289.	4846557.	15.98
TOTAL		1907525.		6560662.		10927246.		19395424.	
VEAL CALVES	59.	9081.	269.	41634.	678.	104813.	1006.	155528.	154.60
STOCKER CALVES	1261.	275271.	5780.	1261418.	14551.	3175763.	21592.	4712451.	218.25
TOTAL CALVES	1320.	0.	6049.	0.	15229.	0.	0.	0.	0.0
STOCKER CATTLE	825.	29238.	3782.	134034.	9520.	337389.	14127.	500661.	35.44
FED BEEF	1241.	150645.	5693.	691073.	14333.	1739882.	21267.	2581600.	121.39
TOTAL		464234.		2128159.		5357845.		7950238.	
WEANLING HOGS	22482.	308903.	103075.	1416250.	259490.	3565392.	385047.	5290544.	13.74
MARKET HOGS	16549.	346867.	75875.	1590339.	191014.	4003651.	283438.	5940856.	20.96
TOTAL		655770.		3006589.		7569043.		11231401.	
FLUID MILK LBS.	2626035.	198528.	12040011.	910224.	30310416.	2291466.	44976448.	3400218.	0.08
MANF. MILK LBS.	4245617.	215677.	19465568.	288851.	49004096.	2489408.	72715280.	3693936.	0.05
TOTAL		414205.		1899075.		4780874.		7094154.	
EGGS DOZ.	1000612.	197121.	4587670.	903771.	11549351.	2275221.	17137632.	3376112.	0.20
BROILERS	28728.	23393.	131715.	107256.	331590.	270014.	492033.	400662.	0.81
TURKEYS	11825.	49192.	54218.	225547.	136493.	567811.	202536.	842550.	4.16
TOTAL		269706.		1236573.		3113044.		4619322.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		2089983.		7188182.		11972427.		21250592.	
TOTAL CRCP PROD.		4907453.		16878448.		28112256.		49898176.	
TOTAL LVSTK. PROD		1803913.		8270396.		20829800.		30895088.	
TOTAL PRODUCTION		6711366.		25148832.		48933056.		80793264.	

Table 162

CROP DISTRICT 4									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	128865.	185566.	184648.	265894.	270113.	388963.	583627.	840422.	1.44
OATS FOR SALE BUS.	159065.	89076.	227921.	127636.	333415.	186712.	720401.	403424.	0.56
BARLEY FOR SALE BUS.	257522.	185416.	368998.	265678.	539789.	388648.	1166308.	839742.	0.72
TOTAL		460058.		659208.		964323.		2083589.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	121925.	175572.	174704.	251574.	255566.	368015.	552195.	795160.	1.44
OATS FOR FEED BUS.	563707.	315676.	807724.	452326.	1181580.	661685.	2553011.	1429686.	0.56
BARLEY FOR FEED BUS.	372751.	268381.	534107.	384557.	781320.	562550.	1688177.	1215497.	0.72
TOTAL		759629.		1088456.		1592249.		3440333.	
WHEAT BUSHEL	250719.	361035.	359251.	517321.	525530.	756763.	1135500.	1635119.	1.44
OATS BUSHEL	686357.	384360.	983467.	550741.	1438665.	805652.	3108489.	1740753.	0.56
BARLEY BUSHEL	629894.	453524.	902562.	649845.	1320313.	950225.	2852769.	2053991.	0.72
TOTAL		1198918.		1717906.		2513040.		5429864.	
FLAX BUSHEL	28767.	59548.	41219.	85323.	60298.	124817.	130284.	269688.	2.07
RAPESEED BUSHEL	11669.	23105.	16721.	33108.	24460.	48431.	52850.	104643.	1.98
RYE BUSHEL	1563.	938.	2239.	1343.	3276.	1966.	7078.	4247.	0.60
SUNFLOWERS LBS.	46699.	2802.	66915.	4015.	97886.	5873.	211500.	12690.	0.06
POTATOES CWT.	15815.	28941.	22661.	41470.	33149.	60663.	71625.	131074.	1.83
SUGAR BEETS TONS	650.	10387.	931.	14877.	1362.	21765.	2943.	47029.	15.98
TOTAL		125720.		180136.		263514.		569370.	
VEAL CALVES	0.	0.	0.	0.	0.	0.	0.	0.	154.60
STOCKER CALVES	557.	121565.	1765.	385211.	6763.	1476024.	9085.	1982800.	218.25
TOTAL CALVES	557.	0.	1765.	0.	6763.	0.	0.	0.	0.0
STOCKER CATTLE	350.	12404.	1110.	39338.	4253.	150726.	5713.	202469.	35.44
FED BEEF	487.	59117.	1545.	187548.	5920.	718629.	7952.	965293.	121.39
TOTAL		193086.		612097.		2345378.		3150561.	
WEANLING HOGS	9041.	124223.	28660.	393788.	109810.	1508789.	147511.	2026800.	13.74
MARKET HOGS	5024.	105303.	15927.	333830.	61025.	1279083.	81976.	1718215.	20.96
TOTAL		229526.		727618.		2787872.		3745016.	
FLUID MILK LBS.	1424118.	107663.	4514560.	341301.	17297440.	1307685.	23236112.	1756648.	0.08
MANF. MILK LBS.	2301203.	116201.	7294983.	370585.	27950560.	1419888.	37546736.	1907374.	0.05
TOTAL		224564.		711886.		2727573.		3664023.	
EGGS DOZ.	138028.	27192.	437558.	86199.	1676493.	330269.	2252079.	443659.	0.20
BROILERS	9745.	7935.	30891.	25155.	118359.	96380.	158995.	129470.	0.81
TURKEYS	7086.	29478.	22464.	93450.	86072.	358060.	115622.	482937.	4.16
TOTAL		64605.		204804.		784708.		1054116.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		460058.		659208.		964323.		2083589.	
TOTAL CROP PROD.		1324638.		1898042.		2776553.		5999234.	
TOTAL LVSTK. PROD		711781.		2256403.		8645531.		11613716.	
TOTAL PRODUCTION		2036419.		4154445.		11422084.		17612944.	

Table 163

CROP DISTRICT 5

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	822722.	1184719.	1146795.	1651384.	1804607.	2598633.	3774124.	5434736.	1.44
OATS FOR SALE BUS.	238140.	133358.	331944.	185889.	522351.	292516.	1092434.	611763.	0.56
BARLEY FOR SALE BUS.	296474.	213461.	413256.	297544.	650303.	468219.	1360031.	979223.	0.72
TOTAL		1531537.		2134815.		3359366.		7025718.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	479080.	689875.	667791.	961619.	1050841.	1513210.	2197711.	3164703.	1.44
OATS FOR FEED BUS.	1506144.	843441.	2099420.	1175675.	3303666.	1850052.	6909230.	3869167.	0.56
BARLEY FOR FEED BUS.	795463.	572733.	1108798.	798335.	1744814.	1256266.	3649074.	2627333.	0.72
TOTAL		2106048.		2935627.		4619529.		9661203.	
WHEAT BUSHELS	1301651.	1874376.	1814377.	2612702.	2855120.	4111371.	5971148.	8598449.	1.44
OATS BUSHELS	1674687.	937825.	2334353.	1307237.	3673358.	2057080.	7682398.	4302141.	0.56
BARLEY BUSHELS	1091136.	785618.	1520939.	1095076.	2393363.	1723221.	5005438.	3603914.	0.72
TOTAL		3597817.		5015015.		7891672.		16504504.	
FLAX BUSHELS	68564.	141927.	95572.	197834.	150393.	311313.	314529.	651075.	2.07
RAPESEED BUSHELS	68316.	135266.	95226.	188547.	149849.	296701.	313391.	620514.	1.98
RYE BUSHELS	10877.	6526.	15161.	9097.	23857.	14314.	49895.	29937.	0.60
SUNFLOWERS LBS.	954412.	51265.	1190968.	71458.	1874118.	112447.	3919498.	235170.	0.06
POTATOES CWT.	101120.	185050.	140952.	257942.	221803.	405899.	463875.	848891.	1.83
SUGAR BEETS TONS	15066.	240755.	21000.	335580.	33047.	528091.	69113.	1104425.	15.98
TOTAL		760788.		1060458.		1668766.		3490012.	
VEAL CALVES	76.	11821.	214.	33098.	711.	109990.	1002.	154909.	154.60
STOCKER CALVES	1641.	358048.	4592.	1002184.	15261.	3330614.	21493.	4690845.	218.25
TOTAL CALVES	1717.	0.	4806.	0.	15972.	0.	0.	0.	0.0
STOCKER CATTLE	1109.	39303.	3105.	110041.	10319.	365705.	14533.	515049.	35.44
FED BEEF	1004.	121876.	2811.	341227.	9339.	1133661.	13154.	1596763.	121.39
TOTAL		531047.		1486550.		4939970.		6957566.	
WEANLING HOGS	16329.	224360.	45722.	628220.	151942.	2087683.	213993.	2940263.	13.74
MARKET HOGS	16976.	355817.	47533.	926291.	157961.	3310861.	222470.	4662969.	20.96
TOTAL		580177.		1624511.		5398544.		7603232.	
FLUID MILK LBS.	6406036.	484296.	17936640.	1356009.	59606576.	4506255.	83949248.	6346560.	0.08
MANF. MILK LBS.	10360372.	526307.	29008624.	1473638.	96400688.	4897154.	135769680.	6897098.	0.05
TOTAL		1010603.		2829647.		9403409.		13243658.	
EGGS DOZ.	1394986.	274812.	3905908.	769464.	12980005.	2557060.	18280896.	3601335.	0.20
BROILERS	315748.	257114.	884084.	719910.	2937961.	2392381.	4137793.	3369404.	0.81
TURKEYS	40291.	167611.	112813.	469302.	374899.	1559579.	528003.	2196491.	4.16
TOTAL		699536.		1958675.		6509020.		9167231.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		1531537.		2134815.		3359366.		7025718.	
TOTAL CRCP PROD.		4358605.		6075473.		9560438.		19994512.	
TOTAL LVSTK. PROD		2821362.		7899383.		26250928.		36971664.	
TOTAL PRODUCTION		7179967.		13974856.		35811360.		56966176.	

Table 164

CROP DISTRICT 6

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CRGP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	95387.	137357.	60347.	86899.	56605.	81512.	212339.	305768.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		137357.		86899.		81512.		305768.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	91867.	132289.	58120.	83693.	54517.	78504.	204504.	294486.	1.44
OATS FOR FEED BUS.	507148.	284003.	320847.	179674.	300957.	168536.	1128951.	632213.	0.56
BARLEY FOR FEED BUS.	123122.	88648.	77893.	56083.	73064.	52606.	274079.	197337.	0.72
TOTAL		504939.		319450.		299646.		1124035.	
WHEAT BUSHELS	187163.	269515.	118409.	170509.	111068.	159938.	416640.	599961.	1.44
OATS BUSHELS	473060.	264914.	299282.	167598.	280728.	157208.	1053070.	589719.	0.56
BARLEY BUSHELS	122637.	88299.	77586.	55862.	72777.	52399.	273000.	195560.	0.72
TOTAL		622727.		393969.		369545.		1386240.	
FLAX BUSHELS	21656.	44828.	13701.	28361.	12851.	26602.	48208.	99791.	2.07
RAPESEED BUSHELS	14420.	28552.	9123.	18064.	8558.	16945.	32101.	63560.	1.98
RYE BUSHELS	8587.	5152.	5433.	3260.	5096.	3058.	19116.	11470.	0.60
SUNFLOWERS LBS.	4717.	283.	2984.	179.	2799.	168.	10500.	630.	0.06
POTATOES CWT.	3313.	6063.	2096.	3836.	1966.	3598.	7375.	13496.	1.83
SUGAR BEETS TCNS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		84877.		53699.		50370.		188946.	
VEAL CALVES	110.	16951.	108.	16700.	189.	29271.	407.	62922.	154.60
STOCKER CALVES	2349.	512746.	2314.	505026.	4057.	885367.	8720.	1903139.	218.25
TOTAL CALVES	2459.	0.	2422.	0.	4246.	0.	0.	0.	0.0
STOCKER CATTLE	1617.	57306.	1594.	56491.	2793.	98984.	6004.	212782.	35.44
FED BEEF	942.	114349.	928.	112650.	1627.	127502.	3497.	424501.	121.39
TOTAL		701354.		690867.		1211123.		2603343.	
WEANLING HOGS	5047.	69346.	4972.	68315.	8714.	119730.	18733.	257391.	13.74
MARKET HOGS	4063.	85160.	4003.	83903.	7016.	147055.	15082.	316119.	20.96
TOTAL		154506.		152218.		266786.		573510.	
FLUID MILK LBS.	4460283.	337197.	4394087.	332193.	7701889.	582263.	16556259.	1251652.	0.09
MANF. MILK LBS.	3676464.	186764.	3621900.	183993.	6348413.	322492.	13646777.	623256.	0.05
TOTAL		523962.		516185.		904762.		1944908.	
EGGS DOZ.	927096.	182638.	913336.	179927.	1600882.	315374.	3441314.	677939.	0.20
BROILERS	18332.	14928.	18060.	14706.	31655.	25777.	68047.	55411.	0.81
TURKEYS	15786.	65670.	15551.	64692.	27258.	113393.	58595.	243755.	4.16
TOTAL		263235.		259326.		454544.		977104.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		137357.		86899.		81512.		305768.	
TOTAL CROP PROD.		707604.		447668.		419915.		1575186.	
TOTAL LVSTK. PROD		1643056.		1618595.		2837212.		6098864.	
TOTAL PRODUCTION		2350660.		2066262.		3257126.		7674050.	

Table 165

CROP DISTRICT 7									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	PRICE
WHEAT FOR SALE BUS.	308945.	444880.	1340662.	1930552.	1407957.	2027457.	3057563.	4402889.	1.44
OATS FOR SALE BUS.	72641.	40679.	315225.	176526.	331047.	185387.	718913.	402591.	0.56
BARLEY FOR SALE BUS.	274071.	197331.	1189327.	856315.	1249025.	899298.	2712422.	1952943.	0.72
TOTAL		682890.		2963392.		3112140.		6758421.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	27360.	39398.	118727.	170967.	124686.	179548.	270773.	389913.	1.44
OATS FOR FEED BUS.	404944.	226769.	1757250.	984060.	1845456.	1033455.	4007649.	2244283.	0.56
BARLEY FOR FEED BUS.	241806.	174100.	1049316.	755507.	1101987.	793431.	2393109.	1723038.	0.72
TOTAL		440267.		1910533.		2006433.		4357232.	
WHEAT BUSHELS	336245.	484193.	1459131.	2101148.	1532373.	2206616.	3327749.	4791956.	1.44
OATS BUSHELS	442476.	247787.	1920121.	1075267.	2016502.	1129241.	4379099.	2452294.	0.56
BARLEY BUSHELS	515560.	371203.	2237269.	1510833.	2349569.	1691689.	5102398.	3673725.	0.72
TOTAL		1103182.		4787248.		5027546.		10917976.	
FLAX BUSHELS	35220.	72905.	152837.	316373.	160509.	332254.	348566.	721531.	2.07
RAPESEED BUSHELS	33910.	67142.	147151.	291359.	154538.	305985.	335999.	664486.	1.98
RYE BUSHELS	29904.	17942.	129766.	77860.	136280.	81768.	295950.	177570.	0.60
SUNFLOWERS LBS.	173844.	10431.	754395.	45264.	792261.	47536.	1720500.	103230.	0.05
POTATOES CWT.	3802.	6958.	16498.	30191.	17326.	31707.	37626.	68856.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		175378.		761046.		799249.		1735672.	
VEAL CALVES	69.	10700.	520.	80377.	736.	113768.	1325.	204845.	154.60
STOCKER CALVES	1484.	323837.	11147.	2432853.	15777.	3443354.	28408.	6200044.	218.25
TOTAL CALVES	1553.	0.	11667.	0.	16513.	0.	0.	0.	0.0
STOCKER CATTLE	1011.	35830.	7592.	269060.	10746.	380838.	19349.	685728.	35.44
FED BEEF	784.	95170.	5894.	715473.	8342.	1012635.	15020.	1823277.	121.39
TOTAL		465537.		3497761.		4950595.		8913892.	
WEANLING HOGS	3008.	41330.	22597.	310483.	31985.	439474.	57590.	791287.	13.74
MARKET HOGS	3326.	69713.	24984.	523664.	35364.	741229.	63674.	1334606.	20.96
TOTAL		111043.		834147.		1180703.		2125892.	
FLUID MILK LBS.	176872.	13372.	1328672.	100448.	1880647.	142177.	3386191.	255996.	0.08
MANF. MILK LBS.	1117091.	56748.	8391662.	426296.	11877836.	603394.	21386576.	1086438.	0.05
TOTAL		70120.		526744.		745571.		1342434.	
EGGS DOZ.	63618.	12533.	477903.	94147.	676440.	133259.	1217961.	239938.	0.20
BROILERS	1299.	1058.	9756.	7944.	13809.	11245.	24864.	20247.	0.81
TURKEYS	1902.	7912.	14287.	59434.	20222.	84124.	36411.	151470.	4.16
TOTAL		21503.		161525.		228627.		411655.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		682890.		2963392.		3112140.		6758421.	
TOTAL CROP PROD.		1278559.		5548293.		5826794.		12653648.	
TOTAL LIVSTK. PROD		668202.		5020176.		7105494.		12793872.	
TOTAL PRODUCTION		1946760.		10568469.		12932288.		25447520.	

Table 166

CROP DISTRICT 8

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	324180.	466819.	1107396.	1594649.	2047831.	2948875.	3479406.	5010342.	1.44
OATS FOR SALE BUS.	169868.	95126.	580270.	324951.	1073052.	600909.	1823190.	1020986.	0.56
BARLEY FOR SALE BUS.	154520.	111259.	527839.	380044.	976096.	702789.	1658454.	1194087.	0.72
TOTAL		673199.		2299642.		4252573.		7225414.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	55602.	80066.	189935.	273507.	351234.	505777.	596771.	859350.	1.44
OATS FOR FEED BUS.	427502.	239401.	1460344.	817793.	2700514.	1512287.	4588359.	2569480.	0.56
BARLEY FOR FEED BUS.	263242.	189534.	899232.	647447.	1662887.	1192778.	2825360.	2034258.	0.72
TOTAL		509001.		1738746.		3215341.		5463088.	
WHEAT BUSHEL	379718.	546794.	1297115.	1867845.	2398666.	3454078.	4075499.	5868716.	1.44
OATS BUSHEL	564443.	316088.	1928133.	1079754.	3565563.	1996715.	6058139.	3392557.	0.56
BARLEY BUSHEL	417424.	300545.	1425919.	1026662.	2636855.	1898535.	4480198.	3225741.	0.72
TOTAL		1163427.		3974260.		7349328.		12487015.	
FLAX BUSHEL	22456.	46484.	76710.	158790.	141854.	293638.	241020.	498911.	2.07
RAPESEED BUSHEL	49797.	98598.	170108.	336814.	314569.	622846.	534474.	1058258.	1.98
RYE BUSHEL	35357.	21214.	120780.	72468.	223351.	134011.	379488.	227693.	0.60
SUNFLOWERS LBS.	2357759.	141466.	8054096.	483246.	14893884.	893633.	25305728.	1518344.	0.06
POTATOES CWT.	128669.	235464.	439533.	804345.	812798.	1487420.	1381000.	2527229.	1.83
SUGAR BEETS TONS	88.	1400.	300.	4794.	554.	853.	942.	15053.	15.98
TOTAL		544632.		1860455.		3440399.		5845486.	
VEAL CALVES	57.	8929.	300.	46325.	803.	124182.	1160.	179336.	154.60
STOCKER CALVES	1226.	267551.	6431.	1403643.	17241.	3762793.	24898.	5433987.	218.25
TOTAL CALVES	1283.	0.	6731.	0.	18044.	0.	0.	0.	0.0
STOCKER CATTLE	811.	28742.	4256.	150833.	11407.	404264.	16474.	583838.	35.44
FED BEEF	1054.	127945.	5530.	671237.	14825.	1799606.	21409.	2598237.	121.39
TOTAL		433067.		2272086.		6090844.		8795996.	
WEANLING HOGS	6355.	87318.	33346.	458174.	89389.	1228204.	129090.	1773695.	13.74
MARKET HOGS	5330.	111717.	27968.	586209.	74973.	1571433.	108271.	2269358.	20.96
TOTAL		199034.		1044383.		2799637.		4043054.	
FLUID MILK LBS.	266465.	20145.	1398162.	105701.	3748013.	283350.	5412640.	409195.	0.08
MANF. MILK LBS.	2257240.	114668.	11843916.	601671.	31749648.	1612822.	45850800.	2329220.	0.05
TOTAL		134812.		707372.		1896231.		2738415.	
EGGS DOZ.	151598.	29865.	795447.	156703.	2132330.	420069.	3079375.	606637.	0.20
BROILERS	11596.	9443.	60845.	49546.	163107.	132818.	235548.	191807.	0.81
TURKEYS	5242.	21807.	27507.	114429.	73738.	306750.	106487.	442986.	4.16
TOTAL		61114.		320678.		859637.		1241429.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		673199.		2299642.		4252573.		7225414.	
TOTAL CROP PROD.		1708059.		5834715.		10789727.		18332496.	
TOTAL LVSTK. PROD		828028.		4344518.		11646349.		16818880.	
TOTAL PRODUCTION		2536086.		10179233.		22436064.		35151376.	

Table 167

CROP DISTRICT 9									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	523345.	753617.	1233732.	1776573.	1067692.	1537476.	2824769.	4067666.	1.44
OATS FOR SALE BUS.	44665.	25012.	105292.	58964.	91122.	51028.	241079.	135004.	0.56
BARLEY FOR SALE BUS.	209221.	150639.	493218.	355117.	426839.	307324.	1129277.	813080.	0.72
TOTAL		929269.		2190652.		1895827.		5015747.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	67729.	97530.	159665.	229917.	138177.	198974.	365571.	526422.	1.44
OATS FOR FEED BUS.	614316.	344017.	1448185.	810984.	1253283.	701838.	3315783.	1856838.	0.56
BARLEY FOR FEED BUS.	368197.	265102.	867986.	624250.	751170.	540842.	1987352.	1430893.	0.72
TOTAL		706649.		1665850.		1441654.		3814152.	
WHEAT BUSHELS	591030.	851083.	1393291.	2006338.	1205778.	1735319.	3190099.	4593739.	1.44
OATS BUSHELS	614328.	344024.	1448213.	810999.	1253308.	701852.	3315849.	1856874.	0.56
BARLEY BUSHELS	577181.	415570.	1360644.	979664.	1177524.	847817.	3115349.	2243050.	0.72
TOTAL		1610676.		3797000.		3285988.		8693664.	
FLAX BUSHELS	51190.	105963.	120675.	249797.	104434.	216178.	276299.	571939.	2.07
RAPESEED BUSHELS	92601.	183350.	218297.	432228.	188918.	374058.	499816.	989635.	1.98
RYE BUSHELS	54378.	32627.	128190.	76914.	110938.	66563.	293506.	176103.	0.60
SUNFLOWERS LBS.	331680.	19901.	781900.	46914.	676670.	40600.	1790250.	107415.	0.06
POTATOES CWT.	185.	339.	437.	800.	378.	692.	1000.	1830.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		342179.		806653.		698090.		1846921.	
VEAL CALVES	91.	14003.	368.	56856.	522.	80648.	980.	151508.	154.60
STOCKER CALVES	1939.	423279.	7873.	1718333.	11168.	2437490.	20981.	4579102.	218.25
TOTAL CALVES	2030.	0.	8241.	0.	11690.	0.	0.	0.	0.0
STOCKER CATTLE	1317.	46674.	5349.	189568.	7586.	268848.	14252.	505091.	35.44
FED BEEF	1084.	131587.	4402.	534359.	6244.	757959.	11730.	1423904.	121.39
TOTAL		615543.		2499115.		3544944.		6659602.	
WEANLING HOGS	5926.	81423.	24061.	330598.	34129.	468932.	64116.	880954.	13.74
MARKET HOGS	6516.	136575.	26458.	554553.	37530.	786628.	70504.	1477763.	20.96
TOTAL		217998.		885158.		1255560.		2358716.	
FLUID MILK LBS.	328559.	24839.	1334023.	100852.	1892261.	143055.	3554843.	269746.	0.08
MANF. MILK LBS.	2222341.	112895.	9023219.	458380.	12799090.	650194.	24044640.	1221468.	0.05
TOTAL		137734.		559232.		793249.		1490214.	
EGGS DOZ.	227266.	44771.	922751.	181782.	1308886.	257850.	2458903.	484404.	0.20
BROILERS	56906.	46339.	231052.	188146.	327738.	266877.	615696.	501361.	0.81
TURKEYS	157.	653.	636.	2646.	903.	3756.	1696.	7055.	4.16
TOTAL		91763.		372573.		528484.		992820.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		929269.		2190652.		1895827.		5015747.	
TOTAL CROP PROD.		1952855.		4603652.		3984078.		10540585.	
TOTAL LVSTK. PROD		1063038.		4316076.		6122235.		11501352.	
TOTAL PRODUCTION		3015893.		8919728.		10106313.		22041936.	

Table 168

CROP DISTRICT 10									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	823341.	1185611.	2699136.	3886754.	2195135.	3160993.	5717612.	8233358.	1.44
OATS FOR SALE BUS.	96830.	54225.	317436.	177764.	258162.	144571.	672428.	376559.	0.56
BARLEY FOR SALE BUS.	891927.	642187.	2923978.	2105264.	2377993.	1712154.	6193898.	4459605.	0.72
TOTAL		1882022.		6169781.		5017717.		13069520.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	37651.	54218.	123432.	177742.	100384.	144552.	261467.	376512.	1.44
OATS FOR FEED BUS.	674231.	377569.	2210310.	1237773.	1797586.	1006648.	4682126.	2621990.	0.56
BARLEY FOR FEED BUS.	398562.	286964.	1306592.	940746.	1062617.	765084.	2767770.	1927294.	0.72
TOTAL		718751.		2356260.		1916284.		4991295.	
WHEAT BUSHEL	860929.	1239737.	2822359.	4064195.	2295349.	3305301.	5978637.	8609233.	1.44
OATS BUSHEL	712385.	398936.	2335392.	1307819.	1899311.	1063614.	4947088.	2770368.	0.56
BARLEY BUSHEL	1290150.	928908.	4229461.	3045211.	3439707.	2476588.	8959318.	6450706.	0.72
TOTAL		2567579.		8417225.		6845503.		17830304.	
FLAX BUSHEL	37272.	77153.	122189.	252931.	99373.	205702.	258834.	535786.	2.07
RAPESEED BUSHEL	252919.	500780.	829138.	1641692.	674316.	1335145.	1756373.	3477616.	1.98
RYE BUSHEL	34963.	20978.	114619.	68771.	93216.	55930.	242798.	145679.	0.60
SUNFLOWERS LBS.	22896.	1374.	75060.	4504.	61044.	3663.	159000.	9540.	0.06
POTATOES CWT.	216.	395.	708.	1296.	576.	1054.	1500.	2745.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		600679.		1969192.		1601492.		4171363.	
VEAL CALVES	125.	19393.	698.	107926.	743.	114939.	1567.	242258.	154.60
STOCKER CALVES	2691.	587215.	14978.	3268926.	15952.	3481423.	33620.	7337563.	218.25
TOTAL CALVES	2816.	0.	15676.	0.	16695.	0.	0.	0.	0.0
STOCKER CATTLE	1836.	65068.	10215.	362019.	10879.	385552.	22930.	812639.	35.44
FED BEEF	1380.	167518.	7680.	932273.	8180.	922970.	17240.	2092763.	121.39
TOTAL		839194.		4671146.		4974882.		10485221.	
WEANLING HOGS	4705.	64647.	26183.	359754.	27885.	383140.	58773.	807541.	13.74
MARKET HOGS	4870.	102075.	27103.	568079.	28864.	604989.	60837.	1275142.	20.96
TOTAL		166722.		927833.		988129.		2082683.	
FLUID MILK LBS.	441304.	33363.	2455948.	185670.	2615521.	197733.	5512773.	416765.	0.08
MANF. MILK LBS.	2411547.	122507.	13420755.	681774.	14292760.	726072.	30125056.	1530353.	0.05
TOTAL		155869.		867444.		923805.		1947118.	
EGGS DOZ.	82782.	16308.	460701.	90758.	490635.	96655.	1034118.	203721.	0.20
BROILERS	5552.	4521.	30898.	25160.	32906.	26795.	69356.	56477.	0.81
TURKEYS	2256.	9385.	12558.	52241.	13374.	55636.	28188.	117262.	4.16
TOTAL		30214.		168160.		179086.		377460.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		1882022.		6169781.		5017717.		13069520.	
TOTAL CROP PROD.		3168258.		10386417.		8446995.		22001664.	
TOTAL LIVSTK. PROD		1191998.		6634581.		7065902.		14892481.	
TOTAL PRODUCTION		4360256.		17020992.		15512897.		36894144.	

Table 169

CROP DISTRICT 11									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	669491.	964067.	1399506.	2015288.	872448.	1256324.	2941443.	4235678.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	644501.	464041.	1347268.	970033.	839882.	604715.	2831651.	2038788.	0.72
TOTAL		1428107.		2985320.		1861039.		6274466.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	72656.	104625.	151881.	218709.	94682.	136342.	319220.	459676.	1.44
OATS FOR FEED BUS.	893292.	500243.	1867341.	1045711.	1164094.	651893.	3924726.	2197846.	0.56
BARLEY FOR FEED BUS.	561537.	404306.	1173838.	845163.	731767.	526872.	2467141.	1776341.	0.72
TOTAL		1009175.		2109582.		1315107.		4433863.	
WHEAT BUSHELS	741978.	1068448.	1551033.	2233486.	966909.	1392348.	3259920.	4694282.	1.44
OATS BUSHELS	834249.	467179.	1743918.	976594.	1087152.	608805.	3665319.	2052579.	0.56
BARLEY BUSHELS	1205133.	867695.	2519215.	1813834.	1570470.	1130738.	5294818.	3812267.	0.72
TOTAL		2403322.		5023913.		3131891.		10559126.	
FLAX BUSHELS	73548.	152244.	153744.	318250.	95844.	198397.	323136.	668891.	2.07
RAPESEED BUSHELS	360787.	714358.	754190.	1493295.	470159.	930915.	1585136.	3138567.	1.98
RYE BUSHELS	22760.	13656.	47578.	28547.	29660.	17796.	99998.	59999.	0.60
SUNFLOWERS LBS.	65380.	3923.	136670.	8200.	85200.	5112.	287250.	17235.	0.06
POTATOES CWT.	2191.	4010.	4579.	8380.	2855.	5225.	9625.	17614.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		888191.		1856670.		1157441.		3902301.	
VEAL CALVES	156.	24193.	551.	85210.	545.	84311.	1253.	193714.	154.60
STOCKER CALVES	3357.	732559.	11822.	2580114.	11698.	2553011.	26876.	5865684.	218.25
TOTAL CALVES	3513.	0.	12373.	0.	12243.	0.	0.	0.	0.0
STOCKER CATTLE	2299.	81477.	8097.	286958.	8012.	283945.	18408.	652379.	35.44
FED BEEF	1554.	188640.	5473.	664367.	5416.	657448.	12443.	1510455.	121.39
TOTAL		1026868.		3616847.		3578714.		8222229.	
WEANLING HOGS	10274.	141165.	36186.	497196.	35804.	491947.	82264.	1130307.	13.74
MARKET HOGS	8918.	186921.	31410.	658353.	31079.	651416.	71407.	1496650.	20.96
TOTAL		328086.		1155548.		1143362.		2626995.	
FLUID MILK LBS.	545408.	41233.	1920995.	145227.	1900727.	143695.	4367130.	330155.	0.08
MANF. MILK LBS.	3755879.	190799.	13228676.	672017.	13089100.	664926.	30073632.	1527741.	0.05
TOTAL		232031.		817244.		808621.		1857896.	
EGGS DOZ.	154263.	30390.	543333.	107037.	537600.	105907.	1235196.	243333.	0.20
BROILERS	7354.	5988.	25903.	21093.	25630.	20871.	58887.	47952.	0.81
TURKEYS	3651.	15188.	12858.	53489.	12723.	52928.	29232.	121605.	4.16
TOTAL		51566.		181619.		179705.		412890.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		1428107.		2985320.		1861039.		6274466.	
TOTAL CROP PROD.		3291512.		6880583.		4289332.		14461427.	
TOTAL LVSTK. PROD		1638551.		5771056.		5710402.		13120010.	
TOTAL PRODUCTION		4930063.		12651639.		9999734.		27581424.	

Table 170

CROP DISTRICT 12

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	417986.	601899.	545626.	785702.	318947.	459283.	1282558.	1846883.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		601899.		785702.		459283.		1846883.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	122399.	176254.	159776.	230077.	93397.	134492.	375572.	540823.	1.44
OATS FOR FEED BUS.	746736.	418172.	974768.	545870.	569803.	319089.	2291306.	1283131.	0.56
BARLEY FOR FEED BUS.	625571.	450411.	816602.	587954.	477347.	343690.	1919519.	1382054.	0.72
TOTAL		1044837.		1363900.		797271.		3206007.	
WHEAT BUSHELS	540179.	777858.	705134.	1015393.	412187.	593549.	1657500.	2386799.	1.44
OATS BUSHELS	658852.	368957.	860046.	481626.	502742.	281535.	2021640.	1132118.	0.56
BARLEY BUSHELS	624476.	442623.	815173.	586925.	476511.	343088.	1916160.	1379635.	0.72
TOTAL		1596436.		2063942.		1218172.		4898550.	
FLAX BUSHELS	83257.	172342.	108681.	224970.	63530.	131507.	255468.	528819.	2.07
RAPESEED BUSHELS	38488.	76206.	50241.	99477.	29369.	58151.	118098.	233834.	1.98
RYE BUSHELS	16582.	9949.	21646.	12988.	12653.	7592.	50881.	30529.	0.60
SUNFLOWERS LBS.	3666.	220.	4786.	287.	2798.	168.	11250.	675.	0.06
POTATOES CWT.	326.	597.	425.	778.	249.	456.	1000.	1830.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		250314.		338499.		197873.		795686.	
VEAL CALVES	337.	52066.	818.	126532.	674.	104165.	1829.	282763.	154.60
STOCKER CALVES	7225.	1576904.	17559.	3932153.	14455.	3154852.	39239.	8563909.	218.25
TOTAL CALVES	7562.	0.	18377.	0.	15129.	0.	0.	0.	0.0
STOCKER CATTLE	4979.	176456.	12098.	428753.	9960.	352982.	27037.	958191.	35.44
FED BEEF	2842.	344900.	6907.	838441.	5687.	690345.	15436.	1873775.	121.39
TOTAL		2150414.		5225877.		4302343.		11678634.	
WEANLING HOGS	8921.	122575.	21681.	297897.	17849.	245245.	48451.	665717.	13.74
MARKET HOGS	6906.	144750.	16784.	351792.	13817.	282604.	37507.	786146.	20.96
TOTAL		267324.		649689.		534849.		1451862.	
FLUID MILK LBS.	6663010.	503723.	16192694.	1224167.	13330372.	1007776.	36186064.	2735665.	0.08
MANF. MILK LBS.	7467053.	379326.	18146704.	921853.	14938985.	758200.	40552720.	2060073.	0.05
TOTAL		883050.		2146019.		1766676.		4795744.	
EGGS DOZ.	463341.	91278.	1126028.	221827.	926985.	182616.	2516354.	495722.	0.20
BROILERS	6024.	4905.	14639.	11921.	12052.	9814.	32715.	26640.	0.81
TURKEYS	33016.	137347.	80237.	333786.	66054.	274785.	179307.	745917.	4.16
TOTAL		233530.		567534.		467215.		1268278.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		601899.		785702.		459283.		1846883.	
TOTAL CRCP PROD.		1855749.		2422441.		1416044.		5694235.	
TOTAL LVSTK. PROD		3534316.		8589118.		7071082.		19194512.	
TOTAL PRODUCTION		5390065.		11011559.		8487126.		24889736.	

Table 171

CROP DISTRICT 13

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	332658.	479027.	801980.	1154851.	452518.	651625.	1587155.	2285502.	1.44
OATS FOR SALE BUS.	25654.	14366.	61847.	34635.	34897.	19543.	122399.	68543.	0.56
BARLEY FOR SALE BUS.	563275.	405552.	1357960.	977731.	766229.	551685.	2687464.	1934974.	0.72
TOTAL		898951.		2167216.		1222852.		4289019.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	40803.	58757.	98370.	141652.	55505.	79927.	194678.	280336.	1.44
OATS FOR FEED BUS.	340639.	190758.	821223.	459885.	463375.	259490.	1625236.	910132.	0.56
BARLEY FOR FEED BUS.	226312.	162945.	545599.	392831.	307855.	221655.	1079765.	777431.	0.72
TOTAL		412459.		994368.		561073.		1957899.	
WHEAT BUSHELS	373422.	537728.	900257.	1296369.	507970.	731477.	1781649.	2565572.	1.44
OATS BUSHELS	334432.	187282.	806257.	451504.	454931.	254761.	1595620.	893547.	0.56
BARLEY BUSHELS	789382.	568355.	1903063.	1370205.	1073804.	773139.	3766249.	2711623.	0.72
TOTAL		1293364.		3118077.		1759376.		6170817.	
FLAX BUSHELS	6366.	13178.	15348.	31770.	8660.	17926.	30374.	62874.	2.07
RAPESEED BUSHELS	257258.	509371.	620205.	1228005.	349951.	692903.	1227414.	2430277.	1.98
RYE BUSHELS	79058.	47435.	190594.	114356.	107543.	64526.	377195.	226317.	0.60
SUNFLOWERS LBS.	0.	0.	0.	0.	0.	0.	0.	0.	0.06
POTATOES CWT.	969.	1773.	2337.	4277.	1319.	2414.	4625.	8464.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		571756.		1378407.		777769.		2727931.	
VEAL CALVES	46.	7137.	189.	29189.	173.	26750.	408.	63077.	154.60
STOCKER CALVES	989.	215813.	4047.	983300.	3709.	809483.	8745.	1908595.	218.25
TOTAL CALVES	1035.	0.	4236.	0.	3882.	0.	0.	0.	0.0
STOCKER CATTLE	660.	23390.	2698.	95617.	2473.	87643.	5831.	206651.	35.44
FED BEEF	769.	93349.	3147.	382014.	2883.	349267.	6799.	825331.	121.39
TOTAL		339690.		1390120.		1273843.		3003652.	
WEANLING HOGS	4622.	63506.	18902.	259713.	17322.	238004.	40846.	561224.	13.74
MARKET HOGS	7088.	148564.	28988.	607582.	26566.	556823.	62642.	1312975.	20.96
TOTAL		212071.		867302.		794827.		1874199.	
FLUID MILK LBS.	180870.	13674.	739704.	55922.	677900.	51249.	1598474.	120945.	0.08
MANF. MILK LBS.	1404208.	71334.	5742783.	291733.	5262961.	267358.	12409952.	630425.	0.05
TOTAL		85008.		347655.		318608.		751270.	
EGGS DOZ.	55906.	11013.	228638.	45042.	209535.	41278.	494079.	97334.	0.20
BROILERS	2739.	2230.	11203.	9123.	10267.	8360.	24209.	19713.	0.81
TURKEYS	236.	982.	966.	4019.	886.	3686.	2088.	8686.	4.16
TOTAL		14226.		58183.		53325.		125733.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		898951.		2167216.		1222852.		4289019.	
TOTAL CROP PROD.		1865120.		4496484.		2537144.		8899748.	
TOTAL LVSTK. PROD		650993.		2663257.		2440601.		5754852.	
TOTAL PRODUCTION		2516113.		7159741.		4977745.		14653600.	

Table 172

CROP DISTRICT 14

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	364308.	524603.	560143.	806605.	325926.	469333.	1250375.	1800539.	1.44
OATS FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY FOR SALE BUS.	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		524603.		806605.		469333.		1800539.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	24068.	34658.	37006.	53289.	21533.	31007.	82607.	118954.	1.44
OATS FOR FEED BUS.	656511.	367646.	1009421.	565276.	587343.	328912.	2253275.	1261834.	0.56
BARLEY FOR FEED BUS.	542185.	390373.	833639.	600220.	485063.	342245.	1860886.	1339838.	0.72
TOTAL		792678.		1218784.		709164.		2720625.	
WHEAT BUSHELS	388078.	558832.	596691.	859235.	347191.	499955.	1331960.	1918020.	1.44
OATS BUSHELS	563884.	315775.	867001.	485521.	504475.	282506.	1935360.	1083801.	0.56
BARLEY BUSHELS	540598.	389231.	831199.	598463.	483643.	348223.	1855440.	1335912.	0.72
TOTAL		1263837.		1943218.		1130683.		4337738.	
FLAX BUSHELS	52864.	109428.	81282.	168254.	47295.	97901.	181441.	375583.	2.07
RAPESEED BUSHELS	170069.	336737.	261490.	517750.	152151.	301259.	583710.	1155745.	1.98
RYE BUSHELS	3073.	1844.	4725.	2835.	2749.	1649.	10547.	6328.	0.60
SUNFLOWERS LBS.	76482.	4589.	117595.	7056.	68424.	4105.	262501.	15750.	0.06
POTATOES CWT.	1493.	2732.	2296.	4202.	1336.	2445.	5125.	9379.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		455330.		700096.		407359.		1562784.	
VEAL CALVES	328.	50684.	661.	102162.	441.	68231.	1430.	221078.	154.60
STOCKER CALVES	7027.	1533676.	14165.	3091550.	9461.	2064789.	30653.	6690015.	218.25
TOTAL CALVES	7355.	0.	14826.	0.	9902.	0.	0.	0.	0.0
STOCKER CATTLE	4867.	172486.	9812.	347737.	6553.	232238.	21232.	752462.	35.44
FED BEEF	2336.	283567.	4707.	571383.	3143.	381529.	10186.	1236473.	121.39
TOTAL		2040413.		4112831.		2746786.		8900030.	
WEANLING HOGS	3123.	42910.	6296.	86507.	4205.	57777.	13624.	187194.	13.74
MARKET HOGS	4167.	87340.	8398.	176022.	5609.	117565.	18174.	380927.	20.96
TOTAL		130250.		262529.		175341.		568121.	
FLUID MILK LBS.	686509.	51900.	1383766.	104613.	924175.	69868.	2994450.	226380.	0.08
MANF. MILK LBS.	5649581.	286992.	11387620.	578491.	7605435.	386352.	24642624.	1251845.	0.05
TOTAL		338899.		683104.		456224.		1478226.	
EGGS DOZ.	134347.	26466.	270797.	53347.	180857.	35629.	586001.	115442.	0.20
BROILERS	10800.	8794.	21770.	17727.	14540.	11840.	47110.	38362.	0.81
TURKEYS	2004.	8337.	4040.	16806.	2698.	11224.	8742.	35367.	4.16
TOTAL		43597.		87881.		58692.		190170.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		524603.		806605.		469333.		1800539.	
TOTAL CROP PROD.		1719166.		2643314.		1538042.		5900522.	
TOTAL LVSTK. PROD		2553158.		5146343.		3437042.		11136546.	
TOTAL PRODUCTION		4272324.		7789657.		4975084.		17037056.	

Table 173

<u>PROVINCE</u>		FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT
COMMODITY		NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	PRICE
WHEAT FOR SALE BUS.		6580333.	9475676.	18490640.	26626512.	20853216.	30028608.	45924176.	66130784.	1.44
OATS FOR SALE BUS.		1431835.	801828.	4251360.	2380761.	6206466.	3475620.	11889661.	6658209.	0.56
BARLEY FOR SALE BUS.		4841022.	3485535.	14914287.	10738289.	16467582.	11856558.	36222864.	26082464.	0.72
TOTAL			13763043.		39745520.		45360864.		98869536.	
WHEAT FOR SALE		0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED		0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHEL)		0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL			0.		0.		0.		0.	
WHEAT FOR FEED BUS.		1391709.	2004060.	2867308.	4128922.	3732657.	5375024.	7991674.	11508006.	1.44
OATS FOR FEED BUS.		8773314.	4913055.	20744192.	11616746.	23216432.	13001200.	52733936.	29530992.	0.56
BARLEY FOR FEED BUS.		5440463.	3917133.	12998107.	9358636.	14326977.	10315422.	32765536.	23591184.	0.72
TOTAL			10834254.		25104272.		28691616.		64630176.	
WHEAT BUSHEL		7970651.	11477734.	21355040.	30751248.	24582896.	35399344.	53908576.	77628320.	1.44
OATS BUSHEL		9540041.	5342422.	23453184.	13133781.	27826128.	15582630.	60819344.	34058816.	0.56
BARLEY BUSHEL		10274030.	7397301.	27896768.	20085664.	30778576.	22160560.	68949360.	49643520.	0.72
TOTAL			24217408.		63970736.		73142624.		161330864.	
FLAX BUSHEL		741320.	1534532.	2108092.	4363749.	2440494.	5051821.	5289906.	10950102.	2.07
RAPESEED BUSHEL		1680145.	3326686.	4476386.	8863242.	4362341.	8637433.	10518872.	20827360.	1.98
RYE BUSHEL		362171.	217303.	1123773.	674264.	1149469.	689681.	2635413.	1581247.	0.60
SUNFLOWERS LBS.		11916336.	714980.	40099248.	2405954.	64134416.	3848064.	11615000.	6968998.	0.06
POTATOES CWT.		464426.	849900.	1344136.	2459768.	2276188.	4165423.	4084750.	7475090.	1.83
SUGAR BEETS TONS		45632.	729199.	124821.	1994639.	205834.	3282227.	376287.	6013265.	15.98
TOTAL			7372591.		20761584.		25681584.		53815744.	
VEAL CALVES		1556.	240573.	5648.	873108.	7802.	1206242.	15006.	2319923.	154.60
STOCKER CALVES		33925.	7404105.	122877.	26817952.	174101.	37997600.	330903.	72219648.	218.25
TOTAL CALVES		35481.	0.	128525.	0.	181904.	0.	0.	0.	0.0
STOCKER CATTLE		23149.	820400.	83451.	2957502.	117365.	4159414.	223965.	7937316.	35.44
FED BEEF		16918.	2053676.	68150.	8272728.	109032.	13235394.	194100.	23561792.	121.39
TOTAL			10518747.		38921264.		56598656.		106038672.	
WEANLING HOGS		106676.	1465728.	435002.	5976927.	902896.	12405790.	1444574.	19848432.	13.74
MARKET HOGS		96835.	2029660.	400996.	2404872.	791105.	16581554.	1288936.	27016080.	20.96
TOTAL			3495383.		14381794.		28987264.		46864432.	
FLUID MILK LBS.		24524992.	1854088.	68610224.	5186930.	147080528.	11119293.	240215744.	18160298.	0.08
MANF. MILK LBS.		49358400.	2507406.	173667456.	8822306.	332395264.	16885664.	555420928.	28215376.	0.05
TOTAL			4361495.		14009237.		28004896.		46375664.	
EGGS DOZ.		4930824.	971372.	15935099.	3139213.	36584992.	7207242.	57450912.	11317827.	0.20
BROILERS		495644.	403603.	1661730.	1353146.	4385627.	3571215.	6543001.	5327963.	0.81
TURKEYS		123750.	514800.	360888.	1501294.	820360.	3412697.	1304998.	5428790.	4.16
TOTAL			1889770.		5993648.		14191161.		22074528.	
INCOME		0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR		0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE			13763043.		39745520.		45360864.		98869536.	
TOTAL CROP PROD.			31589984.		84732320.		98824224.		215146688.	
TOTAL LIVSTK. PROD			20265392.		73305920.		127782064.		221353488.	
TOTAL PRODUCTION			51855392.		158038288.		226606416.		436499200.	

Table 174

INTERLAKE REGION									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	599505.	863287.	803670.	1157283.	704555.	1014559.	2107728.	3035127.	1.44
OATS FOR SALE BUS.	174306.	97611.	249166.	139533.	366845.	205433.	790317.	442577.	0.56
BARLEY FOR SALE BUS.	276496.	199077.	395446.	284721.	581408.	418614.	1253350.	902412.	0.72
TOTAL		1159975.		1581536.		1638604.		4380115.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	274985.	395978.	377218.	543194.	416217.	599352.	1068420.	1538524.	1.44
OATS FOR FEED BUS.	1406836.	787828.	1916854.	1073438.	1962816.	1099176.	5286506.	2960442.	0.56
BARLEY FOR FEED BUS.	1049231.	755446.	1421672.	1023604.	1370334.	986640.	3841237.	2765690.	0.72
TOTAL		1939252.		2640235.		2685168.		7264655.	
WHEAT BUSHELS	874204.	1258852.	1180505.	1699926.	1120444.	1613438.	3175152.	4572216.	1.44
OATS BUSHELS	1452388.	813337.	1992911.	1116030.	2176501.	1218840.	5621800.	3148207.	0.56
BARLEY BUSHELS	1324202.	953425.	1815075.	1306853.	1949999.	1403999.	5089276.	3664277.	0.72
TOTAL		3025614.		4122809.		4236277.		11384700.	
FLAX BUSHELS	116412.	240973.	156017.	322954.	133453.	276248.	405882.	840175.	2.07
RAPESEED BUSHELS	54529.	107968.	73056.	144652.	63419.	125570.	191005.	378190.	1.98
RYE BUSHELS	18841.	11305.	24855.	14913.	17456.	10474.	61152.	36691.	0.60
SUNFLOWERS LBS.	105047.	6303.	147923.	8875.	220627.	13238.	473598.	28416.	0.06
POTATOES CWT.	22613.	41381.	32107.	58756.	47593.	87096.	102313.	187233.	1.83
SUGAR BEETS TONS	1614.	25795.	2275.	36354.	3477.	55563.	7366.	117712.	15.98
TOTAL		433725.		586504.		568188.		1588416.	
VEAL CALVES	342.	52822.	832.	128650.	719.	111205.	1893.	292677.	154.60
STOCKER CALVES	7887.	1721384.	19617.	4281504.	22195.	4844035.	49700.	10846923.	218.25
TOTAL CALVES	8229.	0.	20450.	0.	22914.	0.	51593.	0.	0.0
STOCKER CATTLE	5400.	191375.	13407.	475134.	14873.	527114.	33680.	1193622.	35.44
FED BEEF	3393.	411907.	8632.	1047827.	12205.	1481527.	24230.	2941260.	121.39
TOTAL		2377487.		5933113.		6963879.		15274479.	
WEANLING HOGS	19007.	261157.	53267.	731891.	137383.	1887645.	209658.	2880693.	13.74
MARKET HOGS	13016.	272825.	35753.	749385.	84951.	1780581.	133721.	2802790.	20.96
TOTAL		533982.		1481276.		3668226.		5683483.	
FLUID MILK LBS.	8497113.	642381.	21855184.	1652251.	34442624.	2603861.	64794912.	4898493.	0.08
MANF. MILK LBS.	10431319.	529911.	27298224.	1386749.	49059168.	2492205.	86788704.	4408864.	0.05
TOTAL		1172292.		3039000.		5096066.		9307358.	
EGGS DOZ.	690648.	136058.	1813563.	357272.	3434197.	676537.	5938408.	1169866.	0.20
BROILERS	35977.	29296.	102111.	83149.	318440.	259306.	456528.	371751.	0.81
TURKEYS	42681.	177551.	109921.	457271.	176120.	732657.	328721.	1367479.	4.16
TOTAL		342905.		897692.		1668499.		2909096.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		1159975.		1581536.		1638604.		4380115.	
TOTAL CROP PROD.		3459338.		4709313.		4804464.		12973116.	
TOTAL LVSTK. PROD		4426664.		11351081.		17396656.		33174384.	
TOTAL PRODUCTION		7886002.		16060394.		22201120.		46147488.	

Table 175

EASTERN REGION									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	865455.	1246254.	1133746.	1632593.	1745717.	2513831.	3744918.	5392678.	1.44
OATS FOR SALE BUS.	222899.	124823.	310700.	173992.	488920.	273795.	1022519.	572611.	0.56
BARLEY FOR SALE BUS.	277499.	199799.	386807.	278501.	608683.	438252.	1272989.	916552.	0.72
TOTAL		1570876.		2085085.		3225877.		6881838.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	540286.	778011.	683172.	983768.	1038104.	1494869.	2261561.	3256648.	1.44
OATS FOR FEED BUS.	1916897.	1073462.	2285904.	1280106.	3393187.	1900184.	7595988.	4253752.	0.56
BARLEY FOR FEED BUS.	867675.	624226.	1115727.	803323.	1706209.	1228470.	3689610.	2656519.	0.72
TOTAL		2476198.		3067196.		4623523.		10166917.	
WHEAT BUSHEL	1405508.	2023930.	1816665.	2615996.	2783460.	4008181.	6005633.	8648107.	1.44
OATS BUSHEL	2040567.	1142717.	2484236.	1391172.	3718991.	2082634.	8243794.	4616523.	0.56
BARLEY BUSHEL	1143940.	823637.	1501184.	1080552.	2312964.	1665334.	4958088.	3569822.	0.72
TOTAL		3990283.		5088020.		7756149.		16834448.	
FLAX BUSHEL	85832.	177672.	103156.	213534.	153619.	317991.	342607.	709196.	2.07
RAPESEED BUSHEL	78364.	155160.	98255.	194544.	148817.	294657.	325435.	644361.	1.98
RYE BUSHEL	18768.	11261.	19624.	11774.	27426.	16456.	65818.	39491.	0.60
SUNFLOWERS LBS.	804447.	48267.	1117730.	67064.	1756973.	105418.	3679149.	220749.	0.06
POTATGES CWT.	97961.	179269.	134027.	245270.	209574.	383520.	441562.	803058.	1.83
SUGAR BEETS TONS	14102.	225346.	19656.	314103.	30932.	494293.	64690.	1033742.	15.98
TOTAL		796975.		1046288.		1612334.		3455596.	
VEAL CALVES	181.	28016.	308.	47679.	855.	132222.	1345.	207917.	154.60
STOCKER CALVES	3885.	847879.	6612.	1443070.	18341.	4002821.	28837.	6293769.	218.25
TOTAL CALVES	4066.	0.	6920.	0.	19196.	0.	30182.	0.	0.0
STOCKER CATTLE	2655.	94094.	4500.	159490.	12452.	441284.	19607.	694868.	35.44
FED BEEF	1882.	228425.	3559.	432039.	10368.	1258608.	15809.	1919071.	121.39
TOTAL		1198413.		2082276.		5834934.		9115623.	
WEANLING HOGS	20331.	279347.	47768.	656329.	150932.	2073801.	219030.	3009477.	13.74
MARKET HOGS	19953.	418205.	48494.	1016431.	154867.	3246020.	223314.	4687652.	20.96
TOTAL		697552.		1672760.		5319821.		7690133.	
FLUID MILK LBS.	10456332.	790498.	21182768.	1601416.	63493632.	4800116.	95132720.	7192030.	0.09
MANF. MILK LBS.	13373772.	672388.	30773952.	1563316.	96579440.	4905235.	140727152.	7148938.	0.05
TOTAL		1469885.		3164732.		9706351.		14340968.	
EGGS DOZ.	2232802.	439862.	4569265.	900145.	13750166.	2708782.	20552224.	4048788.	0.20
BROILERS	313872.	255586.	845563.	688542.	2781586.	2265045.	3941020.	3209172.	0.81
TURKEYS	53498.	22553.	121144.	503952.	378163.	1573159.	552806.	2299670.	4.16
TOTAL		918001.		2092644.		6546986.		9557631.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		1570876.		2085085.		3225877.		6881838.	
TOTAL CROP PROD.		4787258.		6134307.		9368483.		20290032.	
TOTAL LVSTK. PROD		4283851.		9012412.		27408080.		40704320.	
TOTAL PRODUCTION		9071109.		15146719.		36776560.		60994352.	

Table 176

CENTRAL REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	1664054.	2396237.	5557742.	8003146.	8249719.	11879591.	15471515.	22278960.	1.44
OATS FOR SALE BUS.	656729.	367769.	2266747.	1269378.	3715395.	2080620.	6638871.	3717766.	0.56
BARLEY FOR SALE BUS.	1293165.	931072.	4573488.	3292211.	6882011.	4955047.	12748664.	9179036.	0.72
TOTAL		3695083.		12565435.		18915248.		35175760.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	274797.	395708.	933067.	1343616.	1441445.	2075680.	2649309.	3815003.	1.44
OATS FOR FEED BUS.	1591230.	891089.	5133761.	2874905.	7408471.	4148743.	14133462.	7914736.	0.56
BARLEY FOR FEED BUS.	1050139.	756100.	3346449.	2402443.	4806145.	3460424.	9202733.	6625967.	0.72
TOTAL		2042896.		6527964.		9684847.		18355696.	
WHEAT BUSHELS	1938623.	2791616.	6490163.	9345831.	9690271.	13953986.	18119056.	26091424.	1.44
OATS BUSHELS	2140070.	1198439.	7077425.	3963357.	10679177.	5980338.	19896672.	11142134.	0.56
BARLEY BUSHELS	2342085.	1686301.	7916501.	5692880.	11683392.	8412041.	21941968.	15798222.	0.72
TOTAL		5676356.		19009056.		28346352.		53031760.	
FLAX BUSHELS	212370.	439605.	712760.	1475412.	1057869.	2189788.	1982998.	4104805.	2.07
RAPESEED BUSHELS	355398.	703688.	1145924.	2268928.	1677778.	3321999.	3179099.	6294614.	1.98
RYE BUSHELS	58248.	34949.	182783.	109670.	268069.	160841.	509100.	305460.	0.60
SUNFLOWERS LBS.	8656404.	519384.	29814208.	1788852.	49412992.	2964779.	87883600.	5273015.	0.06
POTATOES CWT.	267813.	490097.	918946.	1681670.	1568422.	2870212.	2755180.	5041978.	1.83
SUGAR BEETS TONS	29870.	477326.	102734.	1641688.	171137.	2734767.	303741.	4853781.	15.98
TOTAL		2665046.		8966219.		14242386.		25873648.	
VEAL CALVES	231.	35649.	1007.	155691.	1949.	301290.	3186.	492630.	154.60
STOCKER CALVES	4945.	1079328.	21598.	4713814.	41807.	9124413.	68351.	14917555.	218.25
TOTAL CALVES	5176.	0.	22605.	0.	43756.	0.	71537.	0.	0.0
STOCKER CATTLE	3330.	118011.	14427.	511296.	27738.	983019.	45495.	1612325.	35.44
FED BEEF	3260.	395682.	16265.	197453.	34634.	4204171.	54159.	6574306.	121.39
TOTAL		1628668.		7355254.		14612892.		23596800.	
WEANLING HOGS	31787.	436754.	160858.	2210191.	377665.	5189115.	570310.	7836059.	13.74
MARKET HOGS	26207.	549298.	135985.	2350241.	310758.	6513483.	472950.	9913021.	20.96
TOTAL		986051.		5060432.		11702598.		17749072.	
FLUID MILK LBS.	3172125.	239813.	14780129.	1117377.	35473920.	2681827.	53426160.	4039016.	0.08
MANF. MILK LBS.	8648601.	432349.	41870160.	2127004.	91675808.	4657130.	142194560.	7223482.	0.05
TOTAL		679161.		3244381.		7338957.		11262499.	
EGGS DOZ.	1256307.	247492.	6025404.	1187004.	14384848.	2833814.	21666544.	4268310.	0.20
BROILERS	69431.	56538.	367817.	299513.	765971.	623730.	1203218.	979781.	0.81
TURKEYS	15049.	62604.	70118.	291691.	175760.	731162.	260927.	1085457.	4.16
TOTAL		366634.		1778208.		4188705.		6333546.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		3695083.		12565435.		18915248.		35175760.	
TOTAL CROP PROD.		8341402.		27975264.		42588736.		78905408.	
TOTAL LVSTK. PROD		3660513.		17438272.		37843136.		58941904.	
TOTAL PRODUCTION		12001915.		45413536.		80431872.		137847312.	

Table 177

SOUTH WEST REGION									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	1938017.	2790743.	7639846.	11001375.	7981576.	11493466.	17559424.	25285584.	1.44
OATS FOR SALE BUS.	325957.	182536.	1280416.	717033.	1532832.	858386.	3139205.	1757954.	0.56
BARLEY FOR SALE BUS.	1562114.	1124722.	6136412.	4418216.	6204012.	4466888.	13902538.	10009826.	0.72
TOTAL		4098001.		16136623.		16818736.		37053360.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	155281.	223605.	552943.	796237.	634946.	914322.	1343170.	1934164.	1.44
OATS FOR FEED BUS.	1919050.	1074667.	7319315.	4098815.	7855452.	4399052.	17093808.	9572534.	0.56
BARLEY FOR FEED BUS.	1151959.	829410.	4387618.	3159084.	4726921.	3403322.	10266498.	7391876.	0.72
TOTAL		2127682.		8054136.		8716756.		18893560.	
WHEAT BUSHELS	2093096.	3014057.	8191999.	11796475.	8615645.	12406525.	18900736.	27217056.	1.44
OATS BUSHELS	2094025.	1172653.	8027287.	4495280.	8779427.	4916478.	18900736.	10584411.	0.56
BARLEY BUSHELS	2712992.	1953354.	10519827.	7574275.	10926251.	7366900.	24159056.	17394523.	0.72
TOTAL		6140064.		23666015.		25189888.		55195968.	
FLAX BUSHELS	193753.	401069.	866816.	1794308.	923133.	1910885.	1983702.	4106261.	2.07
RAPESEED BUSHELS	379071.	750561.	1377243.	2726940.	1365398.	2703487.	3121712.	6180988.	1.98
RYE BUSHELS	149243.	89546.	616877.	370126.	665818.	399491.	1431938.	859163.	0.60
SUNFLOWERS LBS.	2192269.	131536.	8706453.	522387.	12532176.	751931.	23430896.	1405853.	0.06
POTATOES CWT.	71687.	131187.	250207.	457879.	445249.	814805.	767143.	1403871.	1.83
SUGAR BEETS TONS	46.	731.	156.	2493.	288.	4604.	490.	7828.	15.98
TOTAL		1504628.		5874131.		6585200.		13963959.	
VEAL CALVES	316.	48819.	2068.	319719.	3010.	465326.	5394.	833864.	154.60
STOCKER CALVES	6770.	1477595.	44347.	9678659.	64545.	14086955.	115662.	25243200.	218.25
TOTAL CALVES	7086.	0.	46415.	0.	67555.	0.	121056.	0.	0.0
STOCKER CATTLE	4595.	162832.	30093.	1066487.	43692.	1548427.	78379.	2777746.	35.44
FED BEEF	3884.	471491.	25362.	3078687.	38713.	4692396.	67959.	8249573.	121.39
TOTAL		2160736.		14143551.		20800096.		37104368.	
WEANLING HOGS	16685.	229248.	105086.	1443881.	171134.	2351383.	292905.	4024512.	13.74
MARKET HOGS	16805.	352224.	105419.	2209581.	168637.	3534635.	290861.	6096439.	20.96
TOTAL		581472.		3653462.		5886018.		10120951.	
FLUID MILK LBS.	1024476.	77450.	6403178.	484080.	9623044.	727502.	17050688.	1289032.	0.03
MANF. MILK LBS.	6730232.	341896.	42268496.	2147239.	66555472.	3381017.	115554192.	5879151.	0.05
TOTAL		419346.		2631319.		4108518.		7159183.	
EGGS DOZ.	400104.	78820.	2361701.	465255.	3901703.	768635.	6663507.	1312710.	0.20
BRCILERS	51729.	42123.	264817.	215641.	435704.	354793.	752250.	612557.	0.81
TURKEYS	6591.	27418.	39889.	159239.	71516.	297507.	117996.	492864.	4.16
TOTAL		148362.		846834.		1420935.		2416130.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		4098001.		16136623.		16818736.		37053360.	
TOTAL CROP PROD.		7644692.		29740144.		31775088.		69159920.	
TOTAL LVSTK. PROD		3309914.		21275152.		32215552.		56800608.	
TOTAL PRODUCTION		10954606.		51015296.		63990640.		125969528.	

Table 178

NORTH WEST REGION									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	1513305.	2179158.	3355669.	4832161.	2171684.	3127224.	7040658.	10138543.	1.44
OATS FOR SALE BUS.	51945.	29089.	144334.	80827.	102476.	57386.	298754.	167302.	0.56
BARLEY FOR SALE BUS.	1431749.	1030852.	3422131.	2463234.	2191464.	1577854.	7045344.	5072647.	0.72
TOTAL		3239106.		7376921.		4762464.		15378491.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	146363.	210762.	320913.	462114.	201947.	290803.	669222.	963679.	1.44
OATS FOR FEED BUS.	1939301.	1086008.	4088373.	2289488.	2596564.	1454075.	8624238.	4829571.	0.56
BARLEY FOR FEED BUS.	1321461.	951452.	2726634.	1963176.	1717365.	1236502.	5765460.	4151129.	0.72
TOTAL		2248220.		4714778.		2981380.		9944378.	
WHEAT BUSHEL	1659216.	2389270.	3675732.	5293052.	2373109.	3417275.	7708057.	11099597.	1.44
OATS BUSHEL	1812987.	1015273.	3871372.	2167968.	2472095.	1384373.	8156454.	4567613.	0.56
BARLEY BUSHEL	2750805.	1980579.	6144234.	4423849.	3906049.	2912355.	12801088.	9215782.	0.72
TOTAL		5385121.		11884868.		7614003.		24883984.	
FLAX BUSHEL	132953.	275213.	269343.	557539.	172419.	356908.	574715.	1189659.	2.07
RAPESEED BUSHEL	812782.	1609308.	1781906.	3528173.	1106927.	2191714.	3701615.	7329195.	1.98
RYE BUSHEL	117071.	70242.	279634.	167790.	170700.	102420.	567404.	340443.	0.60
SUNFLOWERS LBS.	158165.	9490.	312971.	18778.	211732.	12704.	682868.	40972.	0.06
POTATOES CWT.	4352.	7964.	8849.	16194.	5348.	9787.	18549.	33945.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		1972215.		4288464.		2673529.		8934208.	
VEAL CALVES	487.	75267.	1432.	221370.	1269.	196202.	3188.	492838.	154.60
STOCKER CALVES	10437.	2277917.	30703.	6700945.	27214.	5939445.	68354.	14918307.	218.25
TOTAL CALVES	10924.	0.	32135.	0.	28483.	0.	71542.	0.	0.0
STOCKER CATTLE	7170.	254088.	21024.	745094.	18611.	659569.	46804.	1658750.	35.44
FED BEEF	4499.	546170.	14332.	1739719.	13112.	1591687.	31943.	3877576.	121.39
TOTAL		3153440.		9407126.		8386901.		20947456.	
WEANLING HOGS	18866.	259222.	68023.	934633.	65782.	903840.	152671.	2097694.	13.74
MARKET HOGS	20854.	437109.	75345.	1579229.	71891.	1506825.	168090.	3523163.	20.96
TOTAL		696331.		2513861.		2410665.		5620857.	
FLUID MILK LBS.	1374975.	103948.	4388987.	331807.	4047326.	305978.	9811288.	741733.	0.08
MANF. MILK LBS.	10174535.	516866.	31456560.	1597993.	28525792.	1449110.	70156880.	3563969.	0.05
TOTAL		620814.		1929800.		1755087.		4305701.	
EGGS DOZ.	350960.	69139.	1165160.	229536.	1114146.	219487.	2630266.	518162.	0.20
BROILERS	24635.	20060.	81422.	66302.	83925.	68340.	189981.	154702.	0.81
TURKEYS	5931.	24673.	19816.	82433.	18801.	78210.	44547.	185317.	4.16
TOTAL		113872.		378272.		366037.		858181.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		3239106.		7376921.		4762464.		15378491.	
TOTAL CROP PROD.		7357336.		16173332.		10287532.		33818192.	
TOTAL LVSTK. PROD		4584457.		14229058.		12918690.		31732176.	
TOTAL PRODUCTION		11941793.		30402384.		23206203.		65550368.	

Table 179

INTERLAKE REGION

COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	219.	315.	646.	930.	1518.	2187.	474.	682.	1.44
OATS FOR SALE BUS.	64.	36.	200.	112.	791.	443.	178.	99.	0.56
BARLEY FOR SALE BUS.	101.	73.	318.	229.	1253.	902.	282.	203.	0.72
TOTAL		423.		1271.		3531.		984.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	100.	144.	303.	437.	897.	1292.	240.	346.	1.44
OATS FOR FEED BUS.	513.	287.	1541.	863.	4230.	2369.	1188.	665.	0.56
BARLEY FOR FEED BUS.	383.	276.	1143.	823.	2953.	2126.	863.	622.	0.72
TOTAL		707.		2122.		5787.		1633.	
WHEAT BUSHELS	319.	459.	949.	1367.	2415.	3477.	714.	1027.	1.44
OATS BUSHELS	530.	297.	1602.	897.	4691.	2627.	1263.	707.	0.56
BARLEY BUSHELS	483.	348.	1459.	1051.	4203.	3026.	1144.	823.	0.72
TOTAL		1103.		3314.		9130.		2558.	
FLAX BUSHELS	42.	88.	125.	260.	288.	595.	91.	189.	2.07
RAPESEED BUSHELS	20.	39.	59.	116.	137.	271.	43.	85.	1.98
RYE BUSHELS	7.	4.	20.	12.	38.	23.	14.	8.	0.60
SUNFLOWERS LBS.	38.	2.	119.	7.	475.	29.	106.	6.	0.06
POTATOES CWT.	8.	15.	26.	47.	103.	188.	23.	42.	1.83
SUGAR BEETS TONS	1.	9.	2.	29.	7.	120.	2.	26.	15.98
TOTAL		158.		471.		1225.		357.	
VEAL CALVES	0.	19.	1.	103.	2.	240.	0.	66.	154.60
STOCKER CALVES	3.	628.	16.	3442.	48.	10440.	11.	2438.	218.25
TOTAL CALVES	3.	0.	16.	0.	49.	0.	12.	0.	0.0
STOCKER CATTLE	2.	70.	11.	382.	32.	1136.	8.	268.	35.44
FED BEEF	1.	150.	7.	842.	26.	3193.	5.	661.	121.39
TOTAL		867.		4769.		15008.		3432.	
WEANLING HOGS	7.	95.	43.	588.	296.	4068.	47.	647.	13.74
MARKET HOGS	5.	99.	29.	602.	183.	3237.	30.	630.	20.96
TOTAL		195.		1191.		7906.		1277.	
FLUID MILK LBS.	3099.	234.	17568.	1328.	74230.	5612.	14561.	1101.	0.08
MANF. MILK LBS.	3804.	193.	21944.	1115.	105731.	5371.	19503.	991.	0.05
TOTAL		428.		2443.		10983.		2092.	
EGGS DOZ.	252.	50.	1458.	287.	7401.	1458.	1334.	263.	0.20
BROILERS	13.	11.	82.	67.	686.	559.	103.	84.	0.81
TURKEYS	16.	69.	88.	358.	380.	1579.	74.	307.	4.16
TOTAL		125.		722.		3596.		654.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		423.		1271.		3531.		984.	
TOTAL CROP PROD.		1262.		3786.		10354.		2915.	
TOTAL LVSTK. PROD		1614.		9125.		37493.		7455.	
TOTAL PRODUCTION		2876.		12910.		47847.		10370.	

Table 180

EASTERN REGION									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	233.	336.	845.	1217.	2285.	3290.	644.	927.	1.44
OATS FOR SALE BUS.	60.	34.	232.	130.	640.	358.	176.	98.	0.56
BARLEY FOR SALE BUS.	75.	54.	288.	208.	797.	574.	219.	158.	0.72
TOTAL		423.		1555.		4222.		1183.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	146.	210.	509.	734.	1359.	1957.	389.	560.	1.44
OATS FOR FEED BUS.	516.	289.	1705.	955.	4441.	2487.	1306.	731.	0.56
BARLEY FOR FEED BUS.	234.	168.	832.	599.	2233.	1608.	634.	457.	0.72
TOTAL		667.		2287.		6052.		1748.	
WHEAT BUSHELS	379.	545.	1355.	1951.	3643.	5246.	1032.	1487.	1.44
OATS BUSHELS	550.	308.	1853.	1037.	4868.	2726.	1417.	794.	0.56
BARLEY BUSHELS	308.	222.	1119.	805.	3027.	2180.	852.	614.	0.72
TOTAL		1075.		3794.		10152.		2894.	
FLAX BUSHELS	23.	48.	77.	159.	201.	416.	59.	122.	2.07
RAPESEED BUSHELS	21.	42.	73.	145.	195.	386.	56.	111.	1.98
RYE BUSHELS	5.	3.	15.	9.	36.	22.	11.	7.	0.60
SUNFLOWERS LBS.	217.	13.	834.	50.	2300.	138.	632.	38.	0.06
POTATOES CWT.	26.	48.	100.	183.	274.	502.	76.	139.	1.83
SUGAR BEETS TONS	4.	61.	15.	234.	40.	647.	11.	178.	15.98
TOTAL		215.		780.		2110.		594.	
VEAL CALVES	0.	8.	0.	36.	1.	173.	0.	36.	154.60
STOCKER CALVES	1.	228.	5.	1076.	24.	5239.	5.	1082.	218.25
TOTAL CALVES	1.	0.	5.	0.	25.	0.	5.	0.	0.0
STOCKER CATTLE	1.	25.	3.	119.	16.	578.	3.	119.	35.44
FED BEEF	1.	62.	3.	322.	14.	1647.	3.	330.	121.39
TOTAL		323.		1553.		7637.		1567.	
WEANLING HOGS	5.	75.	36.	489.	198.	2714.	38.	517.	13.74
MARKET HOGS	5.	113.	36.	759.	203.	4249.	38.	805.	20.96
TOTAL		188.		1247.		6963.		1322.	
FLUID MILK LBS.	2817.	213.	15796.	1194.	83107.	6283.	16354.	1236.	0.08
MANF. MILK LBS.	3603.	183.	22949.	1166.	126413.	6422.	24192.	1229.	0.05
TOTAL		396.		2360.		12705.		2465.	
EGGS DOZ.	602.	118.	3407.	671.	17998.	3546.	3533.	696.	0.20
BROILERS	85.	69.	631.	513.	3641.	2965.	678.	552.	0.81
TURKEYS	14.	60.	90.	379.	495.	2059.	95.	393.	4.16
TOTAL		247.		1561.		8569.		1643.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		423.		1555.		4222.		1183.	
TOTAL CROP PROD.		1290.		4574.		12262.		3488.	
TOTAL LIVSTK. PROD.		1154.		6721.		35874.		6997.	
TOTAL PRODUCTION		2444.		11295.		48137.		10486.	

Table 181

CENTRAL REGION									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	478.	689.	1459.	2102.	4844.	6976.	1721.	2478.	1.44
OATS FOR SALE BUS.	189.	106.	595.	333.	2182.	1222.	738.	413.	0.56
BARLEY FOR SALE BUS.	372.	268.	1201.	865.	4041.	2910.	1418.	1021.	0.72
TOTAL		1062.		3300.		11107.		3912.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	79.	114.	245.	353.	846.	1219.	295.	424.	1.44
OATS FOR FEED BUS.	457.	256.	1348.	755.	4350.	2436.	1572.	880.	0.56
BARLEY FOR FEED BUS.	302.	217.	879.	633.	2822.	2032.	1024.	737.	0.72
TOTAL		587.		1741.		5687.		2042.	
WHEAT BUSHELS	557.	802.	1704.	2454.	5690.	8194.	2015.	2902.	1.44
OATS BUSHELS	615.	344.	1859.	1041.	6271.	3512.	2213.	1239.	0.56
BARLEY BUSHELS	673.	485.	2079.	1497.	6860.	4940.	2440.	1757.	0.72
TOTAL		1631.		4992.		16645.		5898.	
FLAX BUSHELS	61.	126.	187.	387.	621.	1286.	221.	457.	2.07
RAPESEED BUSHELS	102.	202.	301.	596.	985.	1951.	354.	700.	1.98
RYE BUSHELS	17.	10.	48.	29.	157.	94.	57.	34.	0.60
SUNFLOWERS LBS.	2487.	149.	7829.	470.	29015.	1741.	9775.	586.	0.66
POTATOES CWT.	77.	141.	241.	442.	921.	1685.	306.	561.	1.83
SUGAR BEETS TONS	9.	137.	27.	431.	100.	1606.	34.	540.	15.98
TOTAL		766.		2355.		8363.		2878.	
VEAL CALVES	0.	10.	0.	41.	1.	177.	0.	55.	154.60
STOCKER CALVES	1.	310.	6.	1238.	25.	5358.	8.	1659.	218.25
TOTAL CALVES	1.	0.	6.	0.	26.	0.	8.	0.	0.0
STOCKER CATTLE	1.	34.	4.	134.	16.	577.	5.	179.	35.44
FED BEEF	1.	114.	4.	519.	20.	2469.	6.	731.	121.39
TOTAL		468.		1932.		8581.		2624.	
WEANLING HOGS	9.	126.	42.	580.	222.	3047.	63.	872.	13.74
MARKET HOGS	8.	158.	36.	748.	182.	3825.	53.	1103.	20.96
TOTAL		283.		1329.		6872.		1974.	
FLUID MILK LBS.	912.	69.	3881.	293.	20830.	1575.	5942.	449.	0.08
MANF. MILK LBS.	2485.	126.	10995.	559.	53832.	2735.	15815.	803.	0.05
TOTAL		195.		852.		4309.		1253.	
EGGS DOZ.	361.	71.	1582.	312.	8447.	1664.	2410.	475.	0.20
BRCILERS	20.	16.	97.	79.	450.	366.	134.	109.	0.81
TURKEYS	4.	18.	18.	77.	103.	429.	29.	121.	4.16
TOTAL		105.		467.		2460.		704.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		1062.		3300.		11107.		3912.	
TOTAL CROP PROD.		2397.		7346.		25008.		8776.	
TOTAL LVSTK. PROD		1052.		4579.		22221.		6556.	
TOTAL PRODUCTION		3449.		11926.		47230.		15332.	

Table 182

SOUTH WEST REGION		FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT
COMMODITY	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	PRICE	
WHEAT FOR SALE BUS.	618.	890.	1764.	2541.	4912.	7073.	1931.	2781.	1.44	
OATS FOR SALE BUS.	104.	58.	296.	166.	943.	528.	345.	193.	0.56	
BARLEY FOR SALE BUS.	498.	359.	1417.	1020.	3818.	2742.	1529.	1101.	0.72	
TOTAL		1306.		3727.		10350.		4075.		
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44	
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56	
BARLEY (BUSHELS)	0.	0.	0.	0.	0.	0.	0.	0.	0.72	
TOTAL		0.		0.		0.		0.		
WHEAT FOR FEED BUS.	49.	71.	128.	184.	391.	563.	148.	213.	1.44	
OATS FOR FEED BUS.	612.	343.	1690.	947.	4834.	2707.	1880.	1053.	0.56	
BARLEY FOR FEED BUS.	367.	264.	1013.	730.	2909.	2094.	1129.	813.	0.72	
TOTAL		678.		1860.		5364.		2079.		
WHEAT BUSHELS	667.	961.	1892.	2724.	5302.	7635.	2079.	2994.	1.44	
OATS BUSHELS	668.	374.	1854.	1038.	5403.	3026.	2079.	1164.	0.56	
BARLEY BUSHELS	865.	623.	2430.	1749.	6724.	4841.	2657.	1913.	0.72	
TOTAL		1957.		5512.		15501.		6071.		
FLAX BUSHELS	62.	128.	200.	414.	568.	1176.	218.	452.	2.07	
RAPESEED BUSHELS	121.	239.	318.	630.	840.	1664.	343.	680.	1.98	
RYE BUSHELS	48.	29.	142.	85.	410.	246.	157.	94.	0.60	
SUNFLOWERS LBS.	699.	42.	2011.	121.	7712.	463.	2577.	155.	0.06	
POTATOES CWT.	23.	42.	58.	106.	274.	501.	84.	154.	1.83	
SUGAR BEETS TONS	0.	0.	0.	1.	0.	1.	0.	1.	15.98	
TOTAL		480.		1357.		4052.		1536.		
VEAL CALVES	0.	16.	0.	74.	2.	286.	1.	92.	154.60	
STOCKER CALVES	2.	471.	10.	2235.	40.	8669.	13.	2776.	218.25	
TOTAL CALVES	2.	0.	11.	0.	42.	0.	13.	0.	0.0	
STOCKER CATTLE	1.	52.	7.	246.	27.	953.	9.	306.	35.44	
FED BEEF	1.	150.	6.	711.	24.	2822.	7.	907.	121.39	
TOTAL		689.		3266.		12800.		4081.		
WEANLING HOGS	5.	73.	24.	333.	105.	1447.	32.	443.	13.74	
MARKET HOGS	5.	112.	24.	510.	104.	2175.	32.	671.	20.96	
TOTAL		185.		844.		3622.		1113.		
FLUID MILK LBS.	327.	25.	1479.	112.	5922.	448.	1875.	142.	0.08	
MANF. MILK LBS.	2145.	109.	9762.	496.	40957.	2081.	12709.	646.	0.05	
TOTAL		134.		608.		2528.		787.		
EGGS DOZ.	128.	25.	545.	107.	2401.	473.	733.	144.	0.20	
BROILERS	16.	13.	61.	50.	268.	218.	83.	67.	0.81	
TURKEYS	2.	9.	9.	38.	44.	183.	13.	54.	4.16	
TOTAL		47.		196.		874.		266.		
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0	
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0	
TOTAL GRAIN FOR SALE		1306.		3727.		10350.		4075.		
TOTAL CROP PROD.		2437.		6868.		19554.		7607.		
TOTAL LVSTK. PROD		1055.		4913.		19825.		6247.		
TOTAL PRODUCTION		3492.		11782.		39379.		13854.		

Table 183

NORTH WEST REGION									
COMMODITY	FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT PRICE
	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	
WHEAT FOR SALE BUS.	442.	636.	1330.	1914.	3367.	4848.	1068.	1538.	1.44
OATS FOR SALE BUS.	15.	8.	57.	32.	159.	89.	45.	25.	0.56
BARLEY FOR SALE BUS.	418.	301.	1356.	976.	3398.	2446.	1068.	769.	0.72
TOTAL		946.		2923.		7384.		2332.	
WHEAT FOR SALE	0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED	0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHEL)	0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL		0.		0.		0.		0.	
WHEAT FOR FEED BUS.	43.	62.	127.	183.	313.	451.	101.	146.	1.44
OATS FOR FEED BUS.	566.	317.	1620.	907.	4026.	2254.	1308.	732.	0.56
BARLEY FOR FEED BUS.	386.	278.	1080.	778.	2663.	1917.	874.	630.	0.72
TOTAL		656.		1868.		4622.		1508.	
WHEAT BUSHEL	484.	698.	1456.	2097.	3679.	5298.	1169.	1683.	1.44
OATS BUSHEL	529.	296.	1534.	859.	3833.	2146.	1237.	693.	0.56
BARLEY BUSHEL	803.	578.	2434.	1753.	6056.	4360.	1941.	1398.	0.72
TOTAL		1572.		4709.		11805.		3774.	
FLAX BUSHEL	39.	80.	107.	221.	267.	553.	87.	180.	2.07
RAPESEED BUSHEL	237.	470.	706.	1398.	1716.	3398.	561.	1111.	1.98
RYE BUSHEL	34.	21.	111.	66.	265.	159.	86.	52.	0.60
SUNFLOWERS LBS.	46.	3.	124.	7.	328.	20.	104.	6.	0.06
POTATOES CWT.	1.	2.	4.	6.	8.	15.	3.	5.	1.83
SUGAR BEETS TONS	0.	0.	0.	0.	0.	0.	0.	0.	15.98
TOTAL		576.		1699.		4145.		1355.	
VEAL CALVES	0.	22.	1.	88.	2.	304.	0.	75.	154.60
STOCKER CALVES	3.	665.	12.	2655.	42.	9208.	10.	2262.	218.25
TOTAL CALVES	3.	0.	13.	0.	44.	0.	11.	0.	0.0
STOCKER CATTLE	2.	74.	8.	295.	29.	1023.	7.	252.	35.44
FED BEEF	1.	152.	6.	689.	20.	2468.	5.	588.	121.39
TOTAL		921.		3727.		13003.		3177.	
WEANLING HOGS	6.	76.	27.	370.	102.	1401.	23.	318.	13.74
MARKET HOGS	6.	128.	30.	626.	111.	2336.	25.	534.	20.96
TOTAL		203.		996.		3737.		852.	
FLUID MILK LBS.	401.	30.	1739.	131.	6275.	474.	1488.	112.	0.08
MANF. MILK LBS.	2971.	151.	12463.	633.	44226.	2247.	10640.	540.	0.05
TOTAL		181.		765.		2721.		653.	
EGGS DOZ.	102.	20.	462.	91.	1727.	340.	399.	79.	0.20
BROILERS	7.	6.	32.	26.	130.	106.	29.	23.	0.81
TURKEYS	2.	7.	8.	33.	29.	121.	7.	28.	4.16
TOTAL		33.		150.		567.		130.	
INCOME	0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR	0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE		946.		2923.		7384.		2332.	
TOTAL CRCP PROD.		2148.		6408.		15950.		5129.	
TOTAL LVSTK. PROD		1339.		5638.		20029.		4812.	
TOTAL PRODUCTION		3487.		12045.		35979.		9941.	

Table 184

<u>PROVIN & REGION</u>		FARM SIZE 1		FARM SIZE 2		FARM SIZE 3		CROP DISTRICT		UNIT
COMMODITY		NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	NUMBER	\$ VALUE	PRICE
WHEAT FOR SALE BUS.		399.	574.	1396.	2010.	4009.	5774.	1314.	1892.	1.44
OATS FOR SALE BUS.		87.	49.	321.	180.	1193.	668.	340.	191.	0.56
BARLEY FOR SALE BUS.		293.	211.	1126.	811.	3166.	2230.	1037.	746.	0.72
TOTAL			834.		3000.		8722.		2829.	
WHEAT FOR SALE		0.	0.	0.	0.	0.	0.	0.	0.	1.44
OATS AS FEED		0.	0.	0.	0.	0.	0.	0.	0.	0.56
BARLEY (BUSHELS)		0.	0.	0.	0.	0.	0.	0.	0.	0.72
TOTAL			0.		0.		0.		0.	
WHEAT FOR FEED BUS.		84.	121.	216.	312.	718.	1033.	229.	329.	1.44
OATS FOR FEED BUS.		532.	298.	1566.	877.	4464.	2500.	1509.	845.	0.56
BARLEY FOR FEED BUS.		330.	237.	981.	706.	2755.	1983.	938.	675.	0.72
TOTAL			657.		1895.		5517.		1850.	
WHEAT BUSHELS		483.	696.	1612.	2321.	4727.	6806.	1543.	2222.	1.44
OATS BUSHELS		578.	324.	1770.	991.	5350.	2996.	1740.	975.	0.56
BARLEY BUSHELS		623.	448.	2106.	1516.	5918.	4261.	1973.	1421.	0.72
TOTAL			1468.		4829.		14063.		4617.	
FLAX BUSHELS		45.	93.	159.	329.	469.	971.	151.	313.	2.07
RAPESEED BUSHELS		102.	202.	338.	669.	839.	1661.	301.	596.	1.98
RYE BUSHELS		22.	13.	85.	51.	221.	133.	75.	45.	0.60
SUNFLOWERS LBS.		722.	43.	3027.	182.	12331.	740.	3324.	199.	0.06
POTATOES CWT.		28.	52.	101.	186.	438.	801.	117.	214.	1.83
SUGAR BEETS TONS		3.	44.	9.	151.	40.	632.	11.	172.	15.98
TOTAL			447.		1567.		4938.		1540.	
VEAL CALVES		0.	15.	0.	66.	2.	232.	0.	66.	154.60
STOCKER CALVES		2.	449.	9.	2024.	33.	7306.	9.	2067.	218.25
TOTAL CALVES		2.	0.	10.	0.	35.	0.	10.	0.	0.0
STOCKER CATTLE		1.	50.	6.	223.	23.	800.	6.	227.	35.44
FED BEEF		1.	124.	5.	624.	21.	2545.	6.	674.	121.39
TOTAL			638.		2938.		10882.		3035.	
WEANLING HOGS		6.	89.	33.	451.	174.	2385.	41.	568.	13.74
MARKET HOGS		6.	123.	30.	634.	152.	3188.	37.	773.	20.96
TOTAL			212.		1086.		5573.		1341.	
FLUID MILK LBS.		1487.	112.	5179.	392.	28279.	2138.	6874.	520.	0.08
MANF. MILK LBS.		2992.	152.	13110.	666.	63910.	3247.	15895.	807.	0.05
TOTAL			264.		1058.		5385.		1327.	
EGGS DOZ.		299.	59.	1203.	237.	7034.	1386.	1644.	324.	0.20
BROILERS		30.	24.	125.	102.	843.	687.	187.	152.	0.81
TURKEYS		8.	31.	27.	113.	158.	650.	37.	155.	4.16
TOTAL			115.		452.		2729.		632.	
INCOME		0.	0.	0.	0.	0.	0.	0.	0.	0.0
LABOR		0.	0.	0.	0.	0.	0.	0.	0.	0.0
TOTAL GRAIN FOR SALE			834.		3000.		8722.		2829.	
TOTAL CROP PROD.			1915.		6396.		19001.		6157.	
TOTAL LIVSTK. PROD			1229.		5534.		24569.		6335.	
TOTAL PRODUCTION			3144.		11930.		43570.		12491.	