1966 annual report

West Central Minnesota Farm Management Service

COOPERATING AGENCIES

University of Minnesota, Institute of Agriculture Minnesota Department of Education, Vocational Division Willmar Area Vocational Technical School

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1966 Report of the Vocational Agriculture Farm Management Program in West Central Minnesota

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INTRODUCTION

The Willmar Area Vocational-Technical School in cooperation with the Minnesota Department of Education, Vocational Division, the University of Minnesota Agricultural Education Department, and the University of Minnesota Agricultural Economics Department operate and maintain the Vocational Agriculture Farm Management Program in West Central Minnesota. The program was inititated in 1952 and is available to farmers enrolled in Adult or Young Farmer classes in public schools. The area served by the Willmar analysis center is indicated on the front cover.

The purpose of the Vo-Ag Farm Management Program is to provide farmers and teachers of agriculture with farm record analysis information which will be helpful to them in studying farming operations and factors of management involved in successful farm operation. Each participating farmer is provided a copy of this report which lists his individual farm record analysis figures along with the averages of all farms, the high and low earnings farms. Each participating farmer pays an annual fee which covers clerical costs, data processing fees, and the cost of publishing the report.

The analysis of the records and preparation of the reports for the West Central Area are done under the direction of Edward C. Hartog, Vo-Ag Program Coordinator at the Willmar School, with the assistance of T. R. Nodland of the University of Minnesota, Department of Agricultural Economics. The program is supervised locally by Lowell Mellbye, Superintendent of Schools, and Michael Cullen, Director of the Willmar Area Vocational-Technical School. Cooperating agencies are represented by G. R. Cochran and S. K. Wick of the State Department of Education and Dr. Milo J. Peterson of the University of Minnesota Agricultural Education Department. Clerical assistants for this project were Mrs. Joyce Jacobson, and Mrs. Helen Cullen.

In keeping with the times and to speed the analysis procedure automatic data processing methods were used for the first time this year. Data is extracted from the individual farm record books at the Willmar analysis center and submitted to the Agricultural Records Cooperative at Madison, Wisconsin for processing by means of an IBM 1410 computer. Results of the individual farm analysis are returned to the farmer as soon as his analysis is completed. Averages and indexes found in this report are computed after all forms have been processed.

Records kept in the Minnesota Farm Account Book by all participating farmers include farm inventories, cash receipts and expenses, feed consu ed by livestock, family living secured from the farm, household and personal expenses and receipts and the operators liabilities and assets other than farm capital.

SCHOOLS PARTICIPATING

This report deals with farmers enrolled in nine schools in West Central Minnesota. The following tabulation shows by schools the number of 1966 farm records submitted:

| School | No. of Records | Instructor |
|-------------|----------------|--------------------|
| Alexandria | 26 | Bernard Sonstegard |
| Appleton | 2 | Norman Brakken |
| Canby | 1 | Norman Haugaard |
| Echo | 1 | Eugene Appledorn |
| Hoffman | 6 | John Evavold |
| Lake Benton | 2 | George Wilcox |
| Renville | 3 | Marlyn Wacholz |
| Tyler | ĺ | Robert J. Hill |
| Willmar | 12 54 | David Shodean |

The data for 49 farms are shown in the tables on succeeding pages. Five farmers were omitted from the averages because the records were not sufficiently complete.

FARM INVENTORIES

The capital managed per farm varied from \$16,590 to \$180,617. The average investment for all farms included in this report and for the high group and the low group in labor earnings is shown in Table 1.

The landlords investment has been included in Table 1 in order to show the total amount used per farm.

FARM EARNINGS

Labor earnings is a measure of the relative financial success of a farm compared with other farms and represents the returns above all farm expenses and a charge for the use of the farm capital.

There are two methods of computing labor earnings. Table 2 shows the earnings statement on a cash basis and Table 3 shows the earnings on an enterprise or accural basis. The principal differences in the two statements is the method of handling the net increase or decrease in the value of farm capital. In the cash statement the net increase or decrease in farm capital is entered as one item. In the enterprise statement the net change in the inventory has been included in each enterprise in order to compute "total returns and net increases," or "total expenses and net decreases" by enterprises.

RETURNS TO CAPITAL

The return to capital and family labor represents the amount available to the operator for living expenses, payment on indebtedness and savings. These figures are found in Table 4 and Table 6.

TABLE 1 - SUMMARY OF FARM INVENTORIES - 1966

| | Yo | ur Farm | Average | of 49 Farms | |
|---|--|--|--|--|--|
| Items | | 1 Dec. 3 | 3.5 | - Dec. 31 | |
| Size of farm (acres) | | | 31 | | |
| Size of Business (work units)* | 1,000 | | 44 | 3 | |
| STOCK | - | | | 1. 31 | |
| Dairy Cattle | \$ | | \$ 3,055 | \$3,258 | |
| Other Dairy cattle | | | 1,715 | 2,111 | |
| Beef cattle (incl. feeders) | **** | | 3,600 | | |
| Hogs | | | 2,048 | 2,143 | |
| Sheep (incl. feeders) | *** | | 151 | | |
| Poultry (incl. Turkeys) | - | | 173 | | |
| Total Productive Livestock | Φ | | \$10,742 | | |
| Total Productive Livestock | 4- | | 142 و ١٠٠٠ | 0129100 | |
| Crops (Seed and Feed) | \$ | | \$ 5,360 | \$ 6,934 | |
| Auto and Truck (Farm Share) | | | 927 | 895 | |
| Tractors and Motors | - | | 2,057 | | |
| (1) (1) (1) (1) (1) (1) (1) (1) (1) (1) | | | 3,723 | | |
| Crop and General Machinery | | | 11 March 11 January 12 Company 12 | | |
| Livestock Equipment | | | 1,316 | | |
| Total Machinery and Equipmer | nt \$ | | ± 8,023 | | |
| Land | \$ | | \$29,611 | | |
| Buildings - Fences - Etc. | | | 9,610 | 10,113 | |
| TOTAL FARM CAPITAL | \$ | | \$63,346 | \$68,909 | |
| | | Profitable | | Profitable | |
| Items | | Dec. 31 | | Dec. 31 | |
| Size of farm (acres) | | 93 | | 39 | |
| Size of Business (work units)* | C | 660 | ر | 09 | |
| Deimy Cottle | \$ 2,487 | \$ 2,415 | \$ 3,031 | \$2,961 | |
| Dairy Cattle | | | | | |
| Other dairy cattle | 2,043 | 2,400 | 7 605 | 7 666 | |
| Poot outtle (incl teeders) | 2 000 | ר מזח | 1,695 | 1,555 | |
| | 3,925 | 5,810 | 460 | 847 | |
| Hogs | 3,925 5,052 | 5,810 | | | |
| Hogs Sheep(incl. feeders) | 5,052 | 5,810 4,600 | 460 510 | 84 7 409 | |
| Hogs Sheep(incl. feeders) Poultry (incl. turkeys) | 5,052 7 98 | 5,810 4,600 8 805 | 460 510 43 | 847 409 | |
| Hogs Sheep(incl. feeders) | 5,052 7 98 | 5,810 4,600 | 460 510 43 | 847 409 | |
| Sheep(incl. feeders) Poultry (incl. turkeys) Total Productive Livestock | 5,052 798 \$ 14,305 | 5,810 4,600 8 805 | 460 510 43 | 847 409 8 \$5,780 | |
| Hogs Sheep(incl. feeders) Poultry (incl. turkeys) Total Productive Livestock Crops (Seed and Feed) | 5,052 798 \$ 14,305 \$ 8,459 | 5,810 4,600 805 516,118 9 \$13,119 | 460 510 43 \$ 5,739 \$ 2,885 | 847 409 8 \$5,780 2,941 | |
| Hogs Sheep(incl. feeders) Poultry (incl. turkeys) Total Productive Livestock Crops (Seed and Feed) Auto and truck (farm share) | 5,052 798 \$ 14,305 \$ 8,459 | 5,810 4,600 805 516,118 9 \$13,119 | \$ 5,739 \$ 2,885 | 847 409 8 \$5,780 2,941 | |
| Hogs Sheep(incl. feeders) Poultry (incl. turkeys) Total Productive Livestock Crops (Seed and Feed) Auto and truck (farm share) Tractors and Motors | 5,052 798 \$ 14,305 \$ 8,459 1,241 2,611 | 5,810 4,600 805 516,118 9 \$13,119 1,079 3,433 | \$ 5,739 \$ 2,885 840 1,295 | 847 409 8 \$5,780 2,941 737 1,378 | |
| Hogs Sheep(incl. feeders) Poultry (incl. turkeys) Total Productive Livestock Crops (Seed and Feed) Auto and truck (farm share) Tractors and Motors Crop and General machinery | 5,052 798 \$ 14,305 \$ 8,459 1,241 2,611 4,847 | 5,810 4,600 8 805 5 \$16,118 9 \$13,119 1,079 3,433 6,562 | \$ 5,739 \$ 2,885 \$ 1,295 2,270 | 847 409 8 \$5,780 2,941 737 1,378 2,925 | |
| Hogs Sheep(incl. feeders) Poultry (incl. turkeys) Total Productive Livestock Crops (Seed and Feed) Auto and truck (farm share) Tractors and Motors Crop and General machinery Livestock Equipment | 5,052 798 \$ 14,305 \$ 8,459 1,241 2,611 4,847 1,866 | 5,810 4,600 8 805 6 \$16,118 9 \$13,119 1,079 1,079 1,433 6,562 2,749 | \$ 5,739 \$ 2,885 \$ 1,295 2,270 628 | 847 409 8 85,780 2,941 737 1,378 2,925 | |
| Hogs Sheep(incl. feeders) Poultry (incl. turkeys) Total Productive Livestock Crops (Seed and Feed) Auto and truck (farm share) Tractors and Motors Crop and General machinery | 5,052 798 \$ 14,305 \$ 8,459 1,241 2,611 4,847 1,866 | 5,810 4,600 8 805 6 \$16,118 9 \$13,119 1,079 1,079 1,433 6,562 2,749 | \$ 5,739 \$ 2,885 \$ 1,295 2,270 | 847 409 8 85,780 2,941 737 1,378 2,925 | |
| Hogs Sheep(incl. feeders) Poultry (incl. turkeys) Total Productive Livestock Crops (Seed and Feed) Auto and truck (farm share) Tractors and Motors Crop and General machinery Livestock Equipment Total Machinery and Equipmen | 5,052 798 \$ 14,305 \$ 8,459 1,241 2,611 4,847 1,866 | 5,810 4,600 805 816,118 9 \$13,119 1,079 3,433 6,562 2,749 813,823 | \$ 5,739 \$ 2,885 \$ 1,295 2,270 628 \$ 5,033 | 847 409 8 \$5,780 2,941 737 1,378 2,925 555 \$5,595 | |
| Hogs Sheep(incl. feeders) Poultry (incl. turkeys) Total Productive Livestock Crops (Seed and Feed) Auto and truck (farm share) Tractors and Motors Crop and General machinery Livestock Equipment Total Machinery and Equipment Land | 5,052 798 \$ 14,305 \$ 8,459 1,241 2,611 4,847 1,866 at\$ 10,565 | 5,810 4,600 805 816,118 9 \$13,119 1,079 3,433 6,562 2,749 813,823 | \$ 5,739 \$ 2,885 \$ 2,885 \$ 1,295 2,270 628 \$ 5,033 \$18,835 | 847 409 8 \$5,780 2,941 737 1,378 2,925 \$555 \$5,595 | |
| Hogs Sheep(incl. feeders) Poultry (incl. turkeys) Total Productive Livestock Crops (Seed and Feed) Auto and truck (farm share) Tractors and Motors Crop and General machinery Livestock Equipment Total Machinery and Equipmen | 5,052 798 \$ 14,305 \$ 8,459 1,241 2,611 4,847 1,866 | 5,810 4,600 805 816,118 9 \$13,119 1,079 3,433 6,562 2,749 813,823 | \$ 5,739 \$ 2,885 \$ 2,885 \$ 1,295 2,270 628 \$ 5,033 \$18,835 | 847 409 8 \$5,780 2,941 737 1,378 2,925 555 \$5,595 | |

^{*}See page 10 for an explanation of "work units."

TABLE 2 - SUMMARY OF FARM EARNINGS (CASH STATEMENT) - 1966

| The care | Average 10 Most | 10 Least |
|--------------------------------------|------------------------|-----------------------|
| Item Your | of - 49 Profitable | Profitable |
| FARM RECEIPTS: | Farms Farms | Farms |
| Dairy Cattle \$ | \$ 1,769 \$ 3,088 | \$ 1,585 |
| Dairy Products | 5,457 5,652 | 3,869 |
| Beef Cattle (Incl. Feeders) | 4,659 4,726 | 39 |
| Hogs | 6,156 17,120 | 1,597 |
| Sheep and Wool | 187 | エラフノー |
| Poultry (Incl. Turkeys) | 51 228 | 12 |
| Eggs | 747 3,476 | 82 |
| Corn | 1,470 508 | 988 |
| Small Grain | 649 661 | 2 69 |
| Diverted Acre Income | 1,068 892 | 658 |
| Other Crops | 2,095 2,503 | 1,244 |
| Gas Tax Refunds + Cap. Assets Sold | 792 1,341 | 76 |
| Income From Work Off The Farm | 356 3 55 | 293 |
| Miscellaneous Farm Income | 430 622 | 201 |
| (1) Total Farm Sales | \$25,886 \$41,172 | \$10,913 |
| (2) Increase in Farm Capital | 5,563 11,911 | 310 |
| (3) Family Living From the Farm | 330 523 | 279 |
| (4) Total Farm Receipts (1+2+3) | \$31,779 \$53,606 | \$11,502 |
| | | |
| FARM EXPENSES: | 1 1-0 1 1-1 | |
| Dairy Cattle Bought | \$ 408 \$ 404 | \$ 575 |
| Beef Cattle Bought (Incl. Feeders) | 2,624 3,155 | ¥ 50 |
| Hegs Bought | 152 246 | 179 |
| Sheep Bought | 95 | 7.7 |
| Poultry Bought (Incl. Turkeys) | 82 335 | 17 200 |
| Miscellaneous Livestock Expense | 574 917 | 25 8 |
| Feed Bought Fertilizer | 4,200 8,213 448 79 | 1,308 |
| Other Crop Expense | | 834 |
| Custom Work Hired | 1,482 2,925 741 969 | 351 |
| Gas, Oil, Grease Bought (Farm Share) | 1,038 1,364 | 696 |
| Repairs for Tractors, Trucks and | 1,000 1,004 | 0,0 |
| Autos (Farm Share) | 681 798 | 589 |
| Repair + Upkeep of Farm Real Estate | 275 408 | 74 |
| Repair + Upkeep of Crop + Gen. Mach. | 424 431 | 367 |
| Repair + Upkeep of Livestock Equip. | 174 192 | 48 |
| Wages of Hired Labor | 435 864 | 164 |
| Electricity Expense | 285 397 | 198 |
| Personal Property + Real Fst. Taxes | 922 1,048 | 632 |
| Telephone and General Farm Expense | 363 412 | 220 |
| (5) Total Cash Operating Expense | \$15,403 \$23,157 | \$ 6,510 |
| (6) Mech. Power Bought (Farm Share) | 935 1,771 | 574 |
| (7) Crop and Gen. Machinery Bought | 1,885 2,270 | 1,177 |
| (8) Livestock Equipment Bought | 868 1,442 | 16 |
| (9) New Real Estate + Improvements | 1,739 3,448 | 13 |
| (10) Total Farm Purch. (5) thru (9) | \$20,830 32,088 | \$ 8,290 |
| (11) Decrease in Farm Capital | | 87 88 - 2000-20170 |
| (12) Interest on Farm Capital | 3,306 4,012 | 1,983 |
| (13) Unpaid Family Labor | 489 1,194 | 461 |
| (14) Board Furnished Hired Labor | 68 128 | 18 |
| (15) Total Farm Exp. (10 - 14) | \$24,693 \$37,422 | \$10,752 |
| (16) Labor Earnings (4 minue 15) | \$ 7,086 \$16,184 | \$ 750 |
| | | |

TABLE 3 - SUMMARY OF FARM EARNINGS (ENTERPRISE STATEMENT) 1966 Average 10 -- Most 10 - Least of - 49 Profitable Profitable Your Item Farms Farms Farms Farm RETURNS AND NET INCREASES \$ 6,020 \$ 3,995 \$ 5,706 Dairy Cattle 2,964 2,023 911 Other Dairy Cattle 299 424 88 Beef Breeding Cattle 2,551 3,171 357 Feeder Cattle 1,355 6,146 16,544 Hogs Sheep Turkeys 55 3,439 737 Chickens 17,524 \$32,562 6,761 All Productive Livestock 18,161 11,119 5,481 Value of Feed Fed to Livestock 1,280 6,405 14,401 Return over Feed From Livestock 11,756 6,528 16,094 Crop, Seed and Feed 125 128 104 Income From Labor Off the Farm 21 9 Agricultural Conservation Payments 420 622 180 Miscellaneous 8,113 \$18,715 \$31,245 Total Returns and Net Increases EXPENSES AND NET DECREASES 269 328 232 Truck 529 491 476 Auto (Farm Share) 1,019 1,384 2,012 Tractor 287 397 203 Electric and Gas Engines 348 450 163 Hired Power 3,678 2,093 2,817 Total Power 1,082 1,272 840 Crop and General Machinery 731 1.36 438 Livestock Equipment 1,276 898 437 Buildings, Fences and Tiling 204-600-Bare Land 258 574 917 Misc. Livestock Fxpense 2,507 1,242 761 Labor 830 506 754 Real Estate Taxes 218 126 167 Personal Property Tax Insurance 412 220 363 General Farm Expense 3,306 4,012 1,983 Interest on Farm Capital \$11,627 \$15.063 \$ 7,360 Total Expenses and Net Decreases

Cash receipts and expenses are adjusted for changes in inventory for each enterprise and for each item of expense in order to show total receipts and net increases and total expenses and net decreases. The operator's earnings are the same as those on page 4.

Labor Earnings

\$ 7,088

\$16,182

753

TABLE 4 - HOUSEHOLD AND PERSONAL EXPENSES FOR THOSE FARMS WHICH KEPT COMPLETE ACCOUNTS OF THESE EXPENSES - 1966

Household and personal accounts are important if the family is to manage its financial affaris wisely. The household and personal expenses and receipts are presented in Table 4. These farmers spent an average of \$315.00 per month for family living in addition to the food, fuel, and housing furnished by the farm.

| Item | Your Farm | Average of 23 Farms | |
|--|--------------|--|--|
| Number of Persons - Family Number of Adult Equivalent - Family | | 4.7 3.4 | |
| Food and Meals Bought Operating and Supplies Furnishings and Equipment Clothing and Clothing Materials Personal Care, Personal Spending Education and Recreation Gifts and Special Events Medical Care and Health Insurance Church and Welfare Pers. Share Truck and Auto Exp. Oper. Share Upkeep on Dwelling Pers. Share Tel. and Elect. Exp. Total Cash Living Expenses Pers. Share New Truck and Auto New Bwelling Bought Taxes and Other Deductions Life Insurance | | \$ 1,183 315 250 365 126 185 121 430 138 203 112 \$ 3,545 | |
| Other Savings and Investments Total Household + Pers. Cash Exp Total Family Living From the Far Total Cash Exp. and Perquisites Income-Operators Labor Earnings Return to Capital and Labor Total Money Borrowed | | \$ 3,777 353 \$4,130 \$ 5,588 6,864 9,403 | |

NET WORTH

A net worth statement includes a listing of all the assets and liabilities as of a given date. The difference between the farmer's total assets and his liabilities is his net worth. A net worth statement on a tenure basis is presented in Table 5. Both the farm and personal assets and liabilities are included.

The difference between the operator's net worth at the beginning and at the end of the year shows the gain in net worth. It represents the financial progress that has been made during the year.

TABLE 5 - NET WORTH STATEMENT FOR THOSE FARMERS WHO KEPT A COMPLETE RECORD OF ALL ASSETS AND LIABILITIES - 1966 (OPERATOR'S SHARE - TENURE BASIS)

| GAIN IN NET WORTH Fart Owner Average Your Farm Jan. 1 Dec. 31 Stotal Farm Capital Stotal Farm Capita | ALL ASSETS AND LIABI | Owner Avera | ge | | |
|--|-----------------------|--|--|-----------|--|
| State Second Stat | Items | | | | of 24 Farms |
| State Farm Capital State Sh9, Sh2 S55, 10h | | Jan. 1 - | - Dec. 31 | Jan, 1 - | Dec. 31 |
| Auto - Personal Share 289 251 | Markal Warm (1977) | | - 1000 - 1000 | | |
| Deciling | | £p | * | | \$55,104 |
| Deciling 3,21h 3,377 Other Personal Assets 7,188 7,858 TOTAL ASSETS 60,033 66,586 Real Estate Mortgages 15,239 16,221 Chattel Mortgages 8,110 9,113 Notes 8,110 9,113 Notes 2,645 2,255 Accounts Payable 1,137 1,647 TOTAL LIABILITIES \$27,732 \$29,265 FARMER'S NET WORTH \$32,302 \$37,321 GAIN IN NET WORTH \$32,302 \$37,321 GAIN IN NET WORTH \$32,302 \$37,321 GAIN IN NET WORTH \$32,302 \$37,321 Total Farm Capital \$ \$ | | | | 289 | 254 |
| TOTAL ASSETS | Dwelling | | *** ********************************** | | |
| TOTAL ASSETS 60,033 66,566 Real Estate Mortgages Chattel Mortgages Notes Accounts Payable TOTAL LIABILITIES FARMER'S NET WORTH GAIN IN NET WORTH TOTAL ASSETS Real Estate Mortgages Accounts Payable TOTAL LIABILITIES FARMER'S NET WORTH GAIN IN NET WORTH Total Farm Capital Substitute Personal Share Melling Whelling Where Personal Assets TOTAL ASSETS Real Estate Mortgages Real Estate Mo | Other Personal Assets | | | 7 188 | 7 857 |
| Chattel Mortgages | | | | | 1,000 |
| Chattel Mortgages | TOTAL MODITO | | | _ 60,033 | 00,500 |
| Chattel Mortgages | Real Estate Mortgages | | 53 | 75 220 | 76 007 |
| Notes 2,645 2,255 Accounts Payable 1,437 1,647 TOTAL LIABILITIES \$27,732 \$29,265 FARMER'S NET WORTH \$32,302 \$37,321 GAIN IN NET WORTH \$32,302 \$37,321 GAIN IN NET WORTH \$5,019 Total Farm Capital \$ | | *********** | · | | |
| Accounts Payable | | | | | |
| ### TOTAL LIABILITIES ### \$27,732 \$29,265 #### FARMER'S NET WORTH ### \$32,302 \$37,321 GAIN IN NET WORTH ### \$32,302 \$37,321 GAIN IN NET WORTH ### \$5,019 Total Farm Capital | | | - | | 2,255 |
| ### STOTAL LIABILITIES ### \$27,732 | | | _ | 1,437 | 1,647 |
| Titems | TOTAL LIABILITIES | | | \$27,732 | |
| Titems | FARMER'S NET WORTH | | | \$32,302 | \$37,321 |
| Titems | GATN THE MEM COORS | | | | |
| Titems | GAIN IN NEI WORTH | | | • | 5,019 |
| Jan. 1 Dec. 31 \$ \$ \$ \$ \$ \$ \$ \$ \$ | Ttems | | | | |
| Cotal Farm Capital \$ \$ \$ \$ \$ \$ \$ \$ \$ | 10000 | | | | |
| Nuto-Personal Share | Cotal Farm Capital | | e Doce | | |
| Owelling Other Personal Assets TOTAL ASSETS TOTAL ASSETS Real Estate Mortgages Chattel Mortgages Stotes Cocounts Payable TOTAL LIABILITIFS TOTAL LIABILITIFS FARMER'S NET WORTH Renter Average Your Farm Jan. 1 - Dec. 31 Jan. 1 - Dec. 31 Jan. 1 - Dec. 31 Verage of 7 Farms Jan. 1 - Dec. 31 Jan. 1 - Dec. 31 Jan. 1 - Dec. 31 Welling 645 Welling 829 Welling 3,939 4,326 TOTAL ASSETS 3,939 4,326 Eact Estate Mortgages 2,03 4,38,516 eal Estate Mortgages 8,216 9,916 otes 6,989 8,253 ccounts Payable 2,023 2,321 TOTAL LIABILITIES \$17,227 \$20,489 ARMER'S NET WORTH \$12,622 \$18,027 | | •b | - Φ | • | |
| ## Company of the Personal Assets | | | | | |
| TOTAL ASSETS Real Estate Mortgages Real Estate Mortgages Recounts Payable TOTAL LIABILITIFS FARMER'S NET WORTH GAIN IN NET WORTH Renter Average Your Farm Jan. 1 Dec. 31 J | | | | | |
| Real Estate Mortgages Real Estate Mortgages Recounts Payable TOTAL LIABILITIES TOTAL LIABILITIES TOTAL LIABILITIES Total Farm Capital Renter Average Average of 7 Farms Jan. 1 Dec. 31 | Other Personal Assets | | | • | |
| ## Chattel Mortgages Interest | TOTAL ASSETS | | - | | |
| ## Chattel Mortgages Interest | Real Estate Mortgages | | | | |
| Total Liabilities | | | | | |
| Recounts Payable TOTAL LIABILITIES TOTAL LIABILITIES | | 1000000 | | | |
| ### TOTAL LIABILITIES FARMER'S NET WORTH | | | | | |
| ### TOTAL LIABILITIES FARMER'S NET WORTH | Accounts Payable | | | | |
| Renter Average Average of 7 Farms Jan. 1 - Dec. 31 Jan. 1 - De | | | • | | |
| Renter Average Your Farm Average of 7 Farms Jan. 1 Dec. 31 Jan. 1 - Dec. 31 Jan. 1 - Dec. | FARMER'S NET WORTH | | | | |
| Renter Average Your Farm Average of 7 Farms Jan. 1 Dec. 31 Jan. 1 - Dec. 31 Jan. 1 - Dec. | | | - | | |
| Titems Your Farm Average of 7 Farms Jan. 1 - Dec. 31 Jan. 1 | GAIN IN NET WORTH | | | | |
| Jan. 1 - Dec. 31 Jan. 1 - Dec. 31 otal Farm Capital \$ \$25,265 \$33,361 uto - Personal Share 645 829 welling 5 \$1,326 TOTAL ASSETS 3,939 4,326 real Estate Mortgages 5 \$29,849 \$38,516 eal Estate Mortgages 6,989 8,253 ccounts Payable 2,023 2,321 TOTAL LIABILITIES \$17,227 \$20,489 ARMER'S NET WORTH \$12,622 \$18,027 | | | | | |
| total Farm Capital \$ \$25,265 \$33,361 uto - Personal Share 645 829 welling 3,939 4,326 ther Personal Assets \$29,849 \$38,516 eal Estate Mortgages \$29,849 \$38,516 eal Fstate Mortgages \$8,216 \$9,916 otes 6,989 8,253 ccounts Payable 2,023 2,321 TOTAL LIABILITIES \$17,227 \$20,489 ARMER'S NET WORTH \$12,622 \$18,027 | Items | Your F | 'arm | | |
| State Stat | | Jan. 1 - | - Dec. 31 | Jan. 1 - | - Dec. 31 |
| uto - Personal Share 645 829 welling 3,939 4,326 ther Personal Assets 3,939 4,326 TOTAL ASSETS \$29,849 \$38,516 eal Estate Mortgages \$8,216 \$9,916 otes 6,989 8,253 ccounts Payable 2,023 2,321 TOTAL LIABILITIES \$17,227 \$20,489 ARMER'S NET WORTH \$12,622 \$18,027 | otal Farm Capital | | | \$25,265 | |
| welling 3,939 4,326 ther Personal Assets \$29,849 \$38,516 eal Estate Mortgages \$8,216 \$9,916 otes 6,989 8,253 ccounts Payable 2,023 2,321 TOTAL LIABILITIES \$17,227 \$20,489 ARMER'S NET WORTH \$12,622 \$18,027 | | *************************************** | | | |
| ### TOTAL ASSETS ### TOTAL ASSETS ### TOTAL ASSETS ### 1,326 ### 29,849 | | | | 045 | 029 |
| TOTAL ASSETS | | | | 121 201 2 | |
| TOTAL ASSETS \$29,849 \$38,516 eal Estate Mortgages \$8,216 \$9,916 otes \$6,989 8,253 ccounts Payable \$2,023 2,321 TOTAL LIABILITIES \$17,227 \$20,489 ARMER'S NET WORTH \$12,622 \$18,027 | | | | 3,939 | 4,326 |
| hattel Mortgages \$ 8,216 \$ 9,916 otes 6,989 8,253 ccounts Payable 2,023 2,321 TOTAL LIABILITIES \$17,227 \$20,489 ARMER'S NET WORTH \$12,622 \$18,027 | TOTAL ASSETS | | | \$29,849 | \$38,516 |
| hattel Mortgages \$ 8,216 \$ 9,916 otes 6,989 8,253 ccounts Payable 2,023 2,321 TOTAL LIABILITIES \$17,227 \$20,489 ARMER'S NET WORTH \$12,622 \$18,027 | eal Estate Montas | | | | |
| otes 6,989 8,253 ccounts Payable 2,023 2,321 TOTAL LIABILITIES \$17,227 \$20,489 ARMER'S NET WORTH \$12,622 \$18,027 | | PHONE CO. | | | Column and the column |
| otes 6,989 8,253 ccounts Payable 2,023 2,321 TOTAL LIABILITIES \$17,227 \$20,489 ARMER'S NET WORTH \$12,622 \$18,027 | | | | 8 8,216 | \$ 9,916 |
| ccounts Payable 2,023 2,321 TOTAL LIABILITIES \$17,227 \$20,489 ARMER'S NET WORTH \$12,622 \$18,027 | otes | | • | | |
| TOTAL LIABILITIES \$17,227 \$20,489 ARMER'S NET WORTH \$12,622 \$18,027 | ccounts Pavable | | | | |
| ARMER'S NET WORTH \$12,622 \$18,027 | | The state of the s | - | | |
| | | | | | |
| GAIN IN NET WORTH \$ 5,405 | ARTER'S NET WORTH | | | \$12,622 | \$18,027 |
| \$ 5,405 | GATN IN MET MODTH | | | | A C 100 |
| | CALLET IN INC. WOLLIN | | | | \$ 5,405 |

TABLE 6 - SUMMARY OF FARM EARNINGS BY TENURE - 1966 (OPERATOR'S SHARE)

| | Your | 42 Owners & | 7 |
|---|------|---|---|
| | Farm | Part Owners | Renters |
| Items FARM RECFIPTS: Dairy and Dual Purpose Cattle Dairy Products Beef Cattle - Including Feeders Hogs Sheep and Wool - Including Feeders Poultry - Including Turkeys Fggs Corn Small Grain Diverted Acre Income Other Crops Gas Tax Refund & Cap. Assets Sold Income From Work Off the Farm Miscellaneous 1 Total Farm Sales 2 Increase in Farm Capital 3 Family Living from the Farm 4 Total Farm Receipts 1+2+3 | \$ | | Renters 218 1,350 6,893 5,821 1,256 1 117 3,322 427 1,511 3,815 162 462 255 25,611 8,096 242 33,949 |
| FARM EXPENSES: Dairy and Dual Purpose Cattle Beef Cattle - Including Feeders Hogs Sheep Poultry Misc. Livestock Expense Feed Fertilizers Other Crop Expense Custom Work Hired Gas - Oil - Grease Tractor-Truck-Auto Repairs Real Estate Repairs Crop and Gen. Mach. Repairs Livestock Equip. Repairs Wages of Hired Labor Electricity Expense Real Fstate and Property Taxes Cash Rent General Farm Interest Expense Total Cash Operating Expenses Mech. Power Bought Crop and Gen. Mach. Bought Livestock Equipment Bought New Real Estate & Improvements 5 Total Farm Purchases 6 Decrease in Farm Capital 7 Interest on Farm Capital 8 Unpaid Family Labor 9 Board For Hired Labor 10 Total Farm Expenses 5+6+7+8+9 11 Labor Earnings 4-10 12 Ret. to Cap. and Labor 7+8+11 | | 448 2,115 109 11 93 588 4,054 332 1,343 735 990 670 280 390 172 412 293 734 452 357 1,065 15,644 856 1,342 901 1,976 20,720 1,443 552 66 \$22,781 6,682 | 171 4,526 409 596 14 454 4,891 886 1,643 716 1,207 711 108 590 152 576 220 154 1,097 347 882 20,349 1,410 5,084 672 312 27,828 584 110 555 \$28,577 5,371 |

| ,000 Figure 1. RANGE IN LAROR EARNINGS 1966 (Each line represents one farm) | 005, | \$18,000 | \$16,500 | \$15,000 | \$13,500 | \$12,000 \$12,000 | | | S00 Average Labor Earnings 27088 S00 S00 | | 005 | 000 | \$1,500 | (6.2) |
|---|----------|----------|----------|----------|----------|----------------------|-------|---------|--|---------|---------|---------|---------|----------|
| \$21,000 | \$19,500 | \$18,0 | \$16,5 | \$15,0 | \$13, | \$12, | \$10, | \$9,000 | \$7,500 | \$6,000 | \$4,500 | \$3,000 | \$1,5 | -\$1,500 |

Every study of farm earnings shows a wide variation in earnings among farmers in a given year (Fig. 1). The average labor earnings of those farmers ranking in the upper 25% of the range according to earnings was \$16,182 and of those in the lower 25% was \$753. This is a renge of \$15,429 between the average earnings of these two groups. Some of the causes for these differences in earnings, such as weather, The more may be beyond the control of the individual farmer. Other factors are within his control. important management factors affecting earnings are listed on Page 11.

EXPLANATION OF WORK UNITS AND ANIMAL UNITS

The total "work units" for any one farm is a meausre of the size of that farm business. A work unit as used in this report is the average accomplishment of a farm worker, in a ten hour day, working on crops and productive livestock at an average efficiency. The number of work units for each class of livestock and each acre of crop are presented below.

| NUMBER OF WORK UNI | TS FOR EACH CLASS (| OF LIVESTOCK & E.CH | ACRE OF CROP | | |
|---|---|--|--|--|--|
| Item | No. of Work Units | Item | No. of Work Units | | |
| Dairy Cattle Other Cairy Cattle Boof Breeding Herd Feeder Cattle Sheep-Farm Flock Sheep-Feeders Hogs Hens Turkeys | 10.0 Per Cow 3.5 Per in. Unit* 3.5 Per in. Unit .25 Per 100 lbs. 1.5 Per in. Unit .3 Per 100 lbs. .2 Per 100 lbs. 20.0 Per 100 Hens .5 Per 100 lbs. | Corn Silage Sweet Corn Soybean, Grain Alfalfa Hay Other H-y and Seco Grass Silage | .5 Per Acre .7 Per Acre 1.0 Per Acre .7 Per Acre .5 Per Acre .6 Per Acre .4 Per Acre .4 Per Acre .4 Per Acre | | |

^{*} Animal unit represents one dairy cow or bull, two other dairy cattle, one and one-fourth beef cows or bulls, one feeder steer or heifer, three and one-third other beef cattle, seven sheep, fourteen lambs, two and one-half hogs, five pigs, fifty laying hens, twenty-five turkey hens, eleven hundred pounds of turkey produced.

POWER AND MACHINERY EXPENSES

Power and machinery expense per crop acre is an indication of the economy with which capital is invested in these items. The expenses are high on farms with a small acreage. In some cases, low expenses for labor might be offset by high power and equipment costs. The farmer is interested in operating at the lowest cost for power, machinery and labor combined. These figures are found at the bottom of Table 8.



N

| Measures Used | | | GEMENT EFFICIE | |
|--|--------------|--|---|---|
| In Chart On | Volla | Average | 10 most | 10 least |
| | Your | of 49 | profitable | profitable |
| Page 12 | Farm | Farms | farms | farms |
| Labor Farnings | <u>*</u> | \$7, 088 | \$16,185 | \$753 |
| (1) Crop yields* | | 100 | 102 | 87 |
| (2) Percent tillable land in high return crops | | 58 . 6 | 61.3 | 54.5 |
| Gross Return Per Acre | ************ | 57.35 | 61.13 | 47.05 |
| (3) Return for \$100 feed fed to productive livestock* | *********** | 103 | 114 | 81 |
| (4) Livestock Units per 100 Acres | ** <u></u> | 24.5 | 32.8 | 15.3 |
| (5) Size of Business ~ Work Units Work Units Per Worker (6) Power, Mach., Equip., Bldg. E | | 442 313.8 | 660 356.7 | 308 237.2 |
| Work Unit | \$ | \$12.26 | \$10.25 | \$11.37 |
| (3) Index of return for \$100 feed | from* | | | |
| Dairy Cattle | | | | |
| Beef Cattle - Breeders Beef Cattle - Feeders Hogs Sheep | | 100 100 99 100 100 | 103 146 112 116 | 74 88 98 85 |
| Beef Cattle - Feeders | | 100 99 | 146 112 | 88 98 |
| Beef Cattle - Feeders Hogs Sheep | | 100 99 100 100 | 146 112 116 | 88 98 85 |
| Beef Cattle - Feeders Hogs Sheep Chickens (4) Number of Animal Units | | 100 99 100 100 100 | 146 112 116 102 108.0 | 88 98 85 52 34.4 |
| Beef Cattle - Feeders Hogs Sheep Chickens (4) Number of Animal Units Number of Workers | | 100 99 100 100 100 100 | 146 112 116 102 108.0 1.9 | 88 98 85 52 34.4 1.3 |
| Beef Cattle - Feeders Hogs Sheep Chickens (4) Number of Animal Units Number of Workers (5) Work Units On Crop Work Units on Livestock Other Prod. Work Units (6) Power Fxpense Per Work Unit Mach. Expense Per Work Unit Equip. Expense Per Work Unit | | 100 99 100 100 100 67.0 1.4 133 301 8 \$6.36 2.87 | 146 112 116 102 108.0 1.9 178 473 9 \$5.57 1.64 1.11 | 88 98 85 52 34.4 1.3 95 207 6 \$6.79 2.72 |

*Given as a percentage of the average.
**Acres in timber, roads, waste, farmstead not included.

THERMOMETER CHART

Using your figures from page 11, locate your standing with respect to the various measures of farm organization and management efficiency. The averages for the farms included in this summary are located between the solid lines across the center of this page.

| Labor Earning | Crop gs Yields | High Return Crops | Gross Ret. Per Crop Acre | Return From Prod. Lvstk. | Pr. L.S. Units Per 100 Acres | Work Units | Work Units Per Worker | PowMach. EqBldg. Exp. Per Work Units |
|------------------|-------------------|-------------------------|-----------------------------------|-----------------------------------|---------------------------------------|---------------|--------------------------------|---|
| 16,000 | 145 | 76 | 100 | 190_ | 51 | 665 | 400 | 3 |
| 15,000 | 140 | 74 | 95 | 180 | 48 | 640 | 390 | 4 |
| 14,000 | 135 | 72 | 90 | 170_ | 45 | 615 | 380 | 5 |
| 13,000 | 130 | 70 | 85 | 160 | 42 | 590 | 370 | 6 |
| 12,000 | 125 | 68 | 80 | 150_ | 39 | 565 | 360 | 7 |
| 11,000 | 120 | 66 | 75 | 140_ | 36 | 540 | 350 | 8 |
| 10,000 | 115 | 64 | 70 | 130_ | 33 | 515 | 340 | 9 |
| 9,000 | 110_ | 62 | 65 |]20 | 30 | 490 | 330 | 10 |
| 8,000 | 105 | 60 | 60 | 110 | 27 | 465 | 320 | 11 |
| 7,000 | 100 | 58 | 55 | 100 | 24 | 440 | 310 | 12 |
| 6,000 | 95 | 56 | 50 | 90 | 21 | 415 | 300 | 13 |
| 5,000 | 990 | 54 | 45 | 80 | 18 | 380 | 290 | 14 |
| 4,000 | 85_ | 52 | 40 | 70 | 15 | 365 | 280 | 15 |
| 3,000 | 8n | 53 | 35 | 60 | 12 | 340 | 270 | 16 |
| 2,000 | 75 | 48 | 30 | 50 | 9 | 315 | 260 | 17 |
| 1,000 | 70 _ | 46 | 25 | 40 | 6 | 280 | 250 | 18 |
| 0 | 65 _ | ht _ | 20 | 30 | 3 | 265 | 240 | 19 |
| -1,000 | 60 | 42 | 15 | 20 | 0 | 240 | 230 | 20 |
| -2,000 | 55 | 40 | 10 | 10 | | 215 | 220 | 21 |
| | 00 |) | | 0 | | \bigcirc | | \bigcirc |

TABLE 9 - DISTRIBUTION OF ACRES AND YIELD - 1966

| TABLE 9 ~ | DISTRIE | ROLTON OF | ACRES | ND YIELD . | - 1966 Your | |
|--|----------------|-------------------------------|--------------|---|-------------------|---|
| Crop | Crop Rating | Number Growing | Your Farm | Average acres of 49 Farms | Field Per Acre | Your Yield Per e Acre |
| Oats and Mixtures Rye Oats Silage Canning Peas Wheat Barley Flax Total Small Grain | D and Pea | 41 7 1 20 3 11 | | 30.0 .1 2.9 .5 6.3 .9 8.4 49.1 | | 42.3 31.8 4.7 44.00 20.5 38.0 8.7 |
| Canning Corn Corn Grain & Seed Corn Soybeams - Grain Corn Silage Corn and Cane Fodder Other Cultivated Crops | A B B | 48 30 38 | | 64.2 37.3 15.1 | | 71.1 22.3 9.8 |
| Total Cultivated C Potatoes Alfalfa Hay Other Legumes and Mixtu Annual Hay Legume and/or Grass See Total Hay | B res | 1 47. 7 4 2 | | 116.7 .1 35.6 2.3 1.2 .4 39.5 | | 277.8 2.6 1.5 1.2 31.5 |
| Alfalfa Pasture Other Legume Pasture Other Tillable Pasture Total Tillable Pas | ture | 10 2 4 | | 3.0 .2 1.6 4.8 | | |
| Diverted Acres Tillable Land Idle TOTAL TILLABLE LAN | A D | 33 7 | | 26.7 2.8 239.6 | | 37.02 |
| Wild Hay Ton Non-Tillable Pasture Timber Roads and Waste Farmstead | | 16 32 15 46 45 | | 3.4 30.8 9.9 22.4 10.2 | | 1.0 |
| TOTAL ACRES IN FARM | N. | | | 316.3 | | |
| Percent Land Tillable Percent in High Return (| Crops | | | 75.8 58.6 | | |

TOTAL FEED COSTS AND RETURNS FROM YOUR LIVESTOCK ENTERPRISES

The total "return over feed costs" for each class of livestock is shown in Table 10. This differs from the "return over feed" shown in the enterprise statement in that it is the total for each class of livestock instead of a return "per head," "per unit," or "per 100 pound." These data indicate the relative importance of different classes of livestock as a source of income and as a market for feed. The total return is the same as the returns and net increases shown on page 5. The value of milk consumed by calves is included in the total returns from dairy cows and in the total feed cost for other dairy cattle. The value of milk consumed by calves is not included in the total returns or the feed cost of "all dairy" cattle. The return over feed is not a net return, but rather the amount available from the gross income, after paying the feed bill, to cover the outlay for hired labor, power, equipment, taxes, insurance, interest and veterinary bills and to provide a return for the use of family labor and capital.

1966 T.BLE 10 - TOTAL FEED COSTS AND RETURNS FROM YOUR LIVESTOCK ENTERPRISES Dairy Cattle Beef Cows Other .11 Breeding Herd Total Roturns Total Food Costs Total Roturns Over Foed Feeder Farm Flock Cattle Hogs of Sheep Chickens Total Returns Total Feed Costs Total Return Over Food

Feed is the largest single item of cost for all clases of livestock. However, the proportion of the total cost represented by feed varies considerably between classes of livestock. Feed makes up approximately 45 percent of the total cost of maintaining dairy cattle and poultry; 50 percent in the case of a farm flock of sheep; and 75 to 90 percent for hogs, feeder cattle, and feeder lambs. Consequently, it is necessary to secure a relatively higher return over feed from dairy cattle and poultry than from the other livestock enterprises in order to be able to cover all the costs other than feed.

Raising hogs is a major enterprise on most farms in Southern Minnesota. Table 11 below summarizes the results of the hog enterprise analysis.

TABLE 11 - FEED COSTS AND RETURNS FROM HOGS - 1966

| TABLE 11 - FEED CCS | rs and | | | |
|--|--------------|---|--------|---------|
| Items | Your Farm | Average of 19 Farms Raising Hogs | | Returns |
| os. Feed Per Cwt. Hogs Produced | d | | | |
| Corn | | 250 | 278 | 219 |
| Small Grain | | 49 | 54 | 43 |
| Commercial Feeds | | 120 | 63 | 183 |
| Total Concentrates* | | 419 | 395 | 44.5 |
| Forages | | . 11 | 6 | 16 |
| eed Cost Per Cwt. Hogs Produced Concentrates and Forages Pasture | d | 12,62 | 11.07 | 14.32 |
| Total Feed Costs | | 12.62 | 11.07 | 14.32 |
| et IncDec. In Value Per Cwt. | | 21.93 | 22.85 | 20.91 |
| eturns Over Feed Costs Per Cwt. | • | 9.31 | 11.78 | 6.59 |
| eturn For \$100 of Feed | | 173.77 | 206.41 | 146.02 |
| rice Received Per Cwt. | | 23.48 | 23.75 | 23.16 |
| umber of Litters Farrowed | | 38 | 36 | 40 |
| umber of Pigs Born Per Litter | | 9.7 | 9.6 | 9.7 |
| umber of Pigs Weaned Per Litter | | 7.9 | 8.0 | 7.7 |
| OUNDS OF HOGS PRODUCED | | 69,819 | 69,508 | 70,164 |
| | | | | |

^{*} Concentrates refer to the total of corn, small grain, and commercial feeds fed ** From records with accurate litter information only.

Operators producing less than 10,000 pounds of pork are omitted from hog averages. Questionable records were also omitted, including those who produced hogs for only a portion of the year.

DAIRY CATTLE

The quantity of feed consumed, value of feeds and returns from dairy cattle are presented in Tables 12, 13 and 14. Some of the important factors that affected the return over feed were:

- 1. Rate of production (pounds of milk and butterfat per cow)
- 2. Price received for butterfat
- 3. Feeding efficiency
- 4. Quality of ration
- 5. Economy of ration (feed cost per pound butterfat)

TABLE 12 - FACTORS OF COST AND RETURNS FROM DAIRY COWS - 1966

| Items | Your Farm | Average of 28 Farms | 8 Farms Highest In Returns Above Feed | 8 Farms Lowest In Return Above Feed |
|---------------------------------|--|---------------------------|--|--|
| Pounds of Butterfat Per Cow | | 355 | 433° | 258 |
| Pounds Of Milk Per Cow | | 9820 | 11596 | 7267 |
| Percent of Butterfat in Milk | | 3.6 | 3.7 | 3.5 |
| Price Per Pound of Butterfat So | The second secon | 107.0 | 106.1 | 107.4 |
| Price Per Hundred Pounds Milk S | 201а | 3.87 | 3.96 | 3.80 |
| Feed Per Cow - Pounds | | | | |
| Corn | | 2129 | 2150 | 1483 |
| Small Grain | | 1310 | 1368 | 1471 |
| Commercial Feeds | | 885 | 1537 | 686 |
| Legume Hay | | 6309 | 6021 | 5106 |
| Other Hay and Fodder | | 47 | | 96 |
| Total Concentrates | | 4324 | 5055 | 3640 |
| Total Dry Roughages | | 6356 | 6021 | 5202 |
| Total Silage | | 12025 | 13307 | 13345 |
| Feed Cost Per Cow | | | | |
| Concentrates* | | 107.65 | 132.85 | 83.88 |
| Roughages | | 108.24 | 118,62 | 96.76 |
| Pasture | | 7.85 | 4.66 | 10.73 |
| Total Feed Cost | | \$223.74 | 256.13 | 191.37 |
| Value of Produce Per Cow | | | | |
| Butterfat Sales | | 367.69 | 444.34 | 268.11 |
| Dairy Products Used in Hom | ne ne | 4.76 | 4.56 | 5.24 |
| Milk Fed To Livestock | | 6.94 | 9.44 | 3.20 |
| Net Inc. in Value of Cows | | 4.10 | 8.113 | 8.18- |
| Total Value Produced | | \$383.49 | 466.77 | 268.37 |
| Returns Over Feed Cost Per Cow | | 159.75 | 210.64 | 77.00 |
| Returns for \$100 of Feed | وسيوسوسو | \$171.30 | 182.20 | 140.20 |
| Feed Cost Per Pound of Butterfa | .t | 63.0 | 59.1 | 74.3 |
| Number of Cows | | 24.2 | 28.1 | 20.8 |

^{*}Concentrates refer to total of corn, small grain and commercial feed fed.

| Tems Your of Farm Average of Returns Above Feed | | m. Town | O PROG OTH | ER DAIRY CATT 8 Farms | |
|--|--|---------|---|---|--|
| Peed Per Head Lbs. Concentrates* 1073 1550 711 149 and Fodder 2830 2677 2160 511age 14363 5598 1986 1145 177 83 177 83 1850 | Items | Your | of | Highest In | |
| Concentrates | | Farm | 28 Farms | Above Feed | Above Feed |
| Concentrates | eed Per Head Ibs. | | | | |
| Hay and Fodder 2830 2677 2160 Silage 4363 5398 4986 Milk 145 177 83 | | | 1073 | ז ללס | 02.5 |
| Silage Milk | | | | | |
| ### Milk | | | | | |
| Peed Cost Per Head 27.16 38.22 16.28 12.65 17.07 37.71 12.65 147.07 37.71 12.65 147.07 37.71 12.65 147.07 37.71 12.65 147.07 37.71 12.65 147.07 37.71 12.65 13.07 13.14 13.07 13.14 13.07 13.14 13.07 13.14 13.07 13.14 13.07 13.14 13.07 13.08 13.08 13.09 13.08 13.09 13.08 13.09 13 | | - | | | 2000 |
| Concentrates | MITK | | · 145 | 177 | 83 |
| Roughages h2.65 | Feed Cost Per Head | | | | |
| Roughages h2.65 | Concentrates* | | 27.16 | 38.22 | 16 28 |
| Milk 5.29 6.54 3.07 Pasture 3.h6 3.h9 3.81 Total Feed Costs 78.56 95.32 60.87 et IncDec. In Value 106.20 119.hh 75.h3 eturns Over Feed Cost Per Head 27.6h 2h.12 1h.56 eturns For \$100 of Feed 135.18 125.30 \$123.92 umber of Head 31.5 h0.6 21.7 TABLE 1h - FEED COSTS AND RETURNS FROM ALL DAIRY CATTLE - 1966 Highest In Returns Returns Returns Above Feed 8 Farms Above Feed 8 Farms Above Feed 8 Farms and Per Cow - Lbs. 5721 729h h381 Concentrates* \$721 729h h381 Hay and Fodder 100hl 9688 7456 Silage 17705 21103 185h7 stal Feed Costs Per Cow 326.00 \$393.79 \$25h.86 Que of Products Per Cow 379.h0 h58.33 276.55 Net IncDec. In Value 112.35 180.9h 70.50 Total Value Produced | | | | | |
| Pasture Total Feed Costs Per Head 78.56 95.32 60.87 at IncDec. In Value 106.20 119.h4 75.h3 aturns Over Feed Cost Per Head 27.64 24.12 14.56 aturns For \$100 of Feed 135.18 125.30 \$123.92 aturns of Head 31.5 10.6 21.7 TABLE 14 - FEED COSTS AND RETURNS FROM ALL DAIRY CATTLE - 1966 Average Your of 28 Farm Farms Above Feed 8 | | | | | V-10.00 (|
| Total Feed Costs Per Head 78.56 95.32 60.87 et IncDec. In Value 106.20 119.14 75.13 eturns Over Feed Cost Per Head 27.64 21.12 11.56 eturns For \$100 of Feed 135.18 125.30 \$123.92 eturns of Head 31.5 10.6 21.7 TABLE 14 - FEED COSTS AND RETURNS FROM ALL DAIRY CATTLE - 1966 Highest In Returns Average Returns Above Feed Above Feed Above Feed Farm Farms 8 Farms 8 Farms 8 Farms 8 Farms 10041 9888 7456 511age 721 7294 1381 149 and Fodder 511age 17705 21103 18517 941 9456 140.6 150.33 276.55 Net IncDec. In Value Total Value Produced 78.56 162.34 136.17 | | | | | |
| Per Head | | | J.40 | 3.49 | 3.81 |
| ### IncDec. In Value | | | 78 56 | OF 30 | (0.00 |
| ### Part | rer nead | | 10.50 | 95.32 | 60.87 |
| ### Sturns Over Feed Cost Per Head | et IncDec. In Value | | 106.20 | 119.44 | 75.43 |
| ### Products Per Cow Dairy Products Net IncDec. In Value Total Value Produced #### Per Store of Cost Per Cow Dairy Products Net IncDec. In Value Total Value Produced ################################### | | | 41 | | |
| ### TABLE 14 - FEED COSTS AND RETURNS FROM ALL DATRY CATTLE - 1966 TABLE 14 - FEED COSTS AND RETURNS FROM ALL DATRY CATTLE - 1966 | eturns Over Feed Cost Per Head | | 27.64 | 24.12 | 14.56 |
| TABLE 14 - FEED COSTS AND RETURNS FROM ALL DAIRY CATTLE - 1966 The state of 28 Above Feed Above Feed Bearms | eturns For \$100 of Feed | | 135.18 | 125.30 | \$123.92 |
| TABLE 14 - FEED COSTS AND RETURNS FROM ALL DAIRY CATTLE - 1966 Average Highsst In Returns Returns Returns Above Feed Above Feed Above Feed Above Feed B Farms | umber of Head | | 31.5 | 1,0 6 | 27 7 |
| Average Farm Average Farms Above Feed Farms Above Feed Above Feed Above Feed Above Feed Farms Above Feed | | | | | |
| Average Returns Above Feed Above Feed Above Feed 8 Farms 7 | TABLE 14 - FEED COSTS AND | RETUR | NS FROM AL | T. DATRY CATTL | E - 1966 |
| Ttems Your of 28 Above Feed Above Feed 8 Farms Farms 7294 1381 | TABLE 14 - FEED COSTS AND | RETUR | NS FROM AL | | |
| Farm Farms 8 Farms 8 Farms edd Per Cow - Lbs. Concentrates* 5721 7294 4381 Hay and Fodder 10041 9888 7456 Silage 17705 21103 18547 otal Feed Costs Per Cow 326.00 \$393.79 \$254.86 Clue of Products Per Cow Dairy Products 379.40 458.33 276.55 Net IncDec. In Value 142.35 180.94 70.50 Total Value Produced \$521.75 \$639.27 \$347.05 ceturns Over Feed Cost Per Cow \$195.75 245.48 92.19 eturns Per \$100 Feed Cost \$160.05 162.34 136.17 | TABLE 14 - FEED COSTS AND | RETUR | | Highest In | Lowest In |
| State Stat | | - | Average | Highsat In Returns | Lowest In Returns |
| Concentrates* | | Your | Average of 28 | Highsat In Returns Above Feed | Lowest In Returns Above Feed |
| Hay and Fodder 10041 9888 7456 17705 21103 18547 Otal Feed Costs Per Cow 326.00 \$393.79 \$254.86 Alue of Products Per Cow 379.40 458.33 276.55 Net IncDec. In Value 142.35 180.94 70.50 Total Value Produced \$521.75 \$639.27 \$347.05 Otal Value Produced \$195.75 245.48 92.19 Otal Peturns Over Feed Cost Per Cow \$195.75 245.48 136.17 | | Your | Average of 28 | Highsat In Returns Above Feed | Lowest In Returns Above Feed |
| Hay and Fodder 10041 9888 7456 17705 21103 18547 Otal Feed Costs Per Cow 326.00 \$393.79 \$254.86 Clue of Products Per Cow 379.40 458.33 276.55 Net IncDec. In Value 142.35 180.94 70.50 Total Value Produced \$521.75 \$639.27 \$347.05 Otal Value Produced \$195.75 245.48 92.19 Otal Peturns Over Feed Cost Per Cow \$195.75 162.34 136.17 | Items eed Per Cow - Lbs. | Your | Average of 28 Farms | Highsat In Returns Above Feed 8 Farms | Lowest In Returns Above Feed |
| Silage 17705 21103 18547 Stal Feed Costs Per Cow 326.00 \$393.79 \$254.86 Silage 379.40 \$458.33 276.55 Silage 379.40 \$458.33 276.55 Net IncDec. In Value 142.35 180.94 70.50 Total Value Produced \$521.75 \$639.27 \$347.05 Seturns Over Feed Cost Per Cow \$195.75 245.48 92.19 Seturns Per \$100 Feed Cost \$160.05 162.34 136.17 | Items eed Per Cow - Lbs. | Your | Average of 28 Farms | Highsat In Returns Above Feed 8 Farms | Lowest In Returns Above Feed 8 Farms |
| Otal Feed Costs Per Cow 326.00 \$393.79 \$254.86 Clue of Products Per Cow 379.40 458.33 276.55 Net IncDec. In Value 142.35 180.94 70.50 Total Value Produced \$521.75 \$639.27 \$347.05 eturns Over Feed Cost Per Cow \$195.75 245.48 92.19 eturns Per \$100 Feed Cost \$160.05 162.34 136.17 | Items eed Per Cow - Tbs. Concentrates* | Your | Average of 28 Farms | Highsat In Returns Above Feed 8 Farms | Lowest In Returns Above Feed 8 Farms |
| Dairy Products Per Cow Dairy Products Net IncDec. In Value Total Value Produced Sturns Over Feed Cost Per Cow Sturns Per \$100 Feed Cost Products 379.40 1458.33 276.55 180.94 70.50 \$521.75 \$639.27 \$347.05 \$245.48 92.19 \$160.05 162.34 136.17 | Items eed Per Cow - Lbs. Concentrates* Hay and Fodder | Your | Average of 28 Farms 5721 | Highest In Returns Above Feed 8 Farms 7294 9888 | Lowest In Returns Above Feed 8 Farms 4381 7456 |
| Dairy Products 379.40 458.33 276.55 Net IncDec. In Value 142.35 180.94 70.50 Total Value Produced \$521.75 \$639.27 \$347.05 eturns Over Feed Cost Per Cow \$195.75 245.48 92.19 eturns Per \$100 Feed Cost \$160.05 162.34 136.17 | Items eed Per Cow - Tbs. Concentrates* Hay and Fodder Silage | Your | Average of 28 Farms 5721 10041 17705 | Highest In Returns Above Feed 8 Farms 7294 9888 21103 | Lowest In Returns Above Feed 8 Farms 4381 7456 18547 |
| Net IncDec. In Value 142.35 180.94 70.50 Total Value Produced \$521.75 \$639.27 \$347.05 eturns Over Feed Cost Per Cow \$195.75 245.48 92.19 eturns Per \$100 Feed Cost \$160.05 162.34 136.17 | Items eed Per Cow - Tbs. Concentrates* Hay and Fodder Silage | Your | Average of 28 Farms 5721 10041 17705 | Highest In Returns Above Feed 8 Farms 7294 9888 21103 | Lowest In Returns Above Feed 8 Farms 4381 7456 18547 |
| Net IncDec. In Value 142.35 180.94 70.50 Total Value Produced \$521.75 \$639.27 \$347.05 eturns Over Feed Cost Per Cow \$195.75 245.48 92.19 eturns Per \$100 Feed Cost \$160.05 162.34 136.17 | Items eed Per Cow - Lbs. Concentrates* Hay and Fodder Silage otal Feed Costs Per Cow | Your | Average of 28 Farms 5721 10041 17705 | Highest In Returns Above Feed 8 Farms 7294 9888 21103 | Lowest In Returns Above Feed 8 Farms 4381 7456 18547 |
| Total Value Produced \$521.75 \$639.27 \$347.05 eturns Over Feed Cost Per Cow \$195.75 245.48 92.19 eturns Per \$100 Feed Cost \$160.05 162.34 136.17 | Items eed Per Cow - Lbs. Concentrates* Hay and Fodder Silage Otal Feed Costs Per Cow alue of Products Per Cow | Your | Average of 28 Farms 5721 10041 17705 326.00 | Highest In Returns Above Feed 8 Farms 7294 9888 21103 \$393.79 | Lowest In Returns Above Feed 8 Farms 4381 7456 18547 |
| eturns Over Feed Cost Per Cow \$195.75 245.48 92.19 eturns Per \$100 Feed Cost \$160.05 162.34 136.17 | Items eed Per Cow - Lbs. Concentrates* Hay and Fodder Silage otal Feed Costs Per Cow lue of Products Per Cow Dairy Products | Your | Average of 28 Farms 5721 10041 17705 326.00 | Highest In Returns Above Feed 8 Farms 7294 9888 21103 \$393.79 | Lowest In Returns Above Feed 8 Farms 4381 7456 18547 \$254.86 |
| eturns Per \$100 Feed Cost\$160.05 162.34 136.17 | Items eed Per Cow - Lbs. Concentrates* Hay and Fodder Silage etal Feed Costs Per Cow lue of Products Per Cow Dairy Products Net IncDec. In Value | Your | Average of 28 Farms 5721 10041 17705 326.00 379.40 142.35 | Highsat In Returns Above Feed 8 Farms 7294 9888 21103 \$393.79 | Lowest In Returns Above Feed 8 Farms 4381 7456 18547 \$254.86 |
| eturns Per \$100 Feed Cost\$160.05 162.34 136.17 | Items eed Per Cow - Lbs. Concentrates* Hay and Fodder Silage etal Feed Costs Per Cow lue of Products Per Cow Dairy Products Net IncDec. In Value | Your | Average of 28 Farms 5721 10041 17705 326.00 379.40 142.35 | Highsat In Returns Above Feed 8 Farms 7294 9888 21103 \$393.79 | Lowest In Returns Above Feed 8 Farms 4381 7456 18547 \$254.86 |
| | Items eed Per Cow - Lbs. Concentrates* Hay and Fodder Silage otal Feed Costs Per Cow alue of Products Per Cow Dairy Products Net IncDec. In Value Total Value Produced | Your | Average of 28 Farms 5721 10041 17705 326.00 379.40 142.35 \$521.75 | Highest In Returns Above Feed 8 Farms 7294 9888 21103 \$393.79 458.33 180.94 \$639.27 | Lowest In Returns Above Feed 8 Farms 4381 7456 18547 \$254.86 |
| | Items eed Per Cow - Lbs. Concentrates* Hay and Fodder Silage otal Feed Costs Per Cow alue of Products Per Cow Dairy Products Net Inc Dec. In Value | Your | Average of 28 Farms 5721 10041 17705 326.00 379.40 142.35 \$521.75 | Highest In Returns Above Feed 8 Farms 7294 9888 21103 \$393.79 458.33 180.94 \$639.27 | Lowest In Returns Above Feed 8 Farms 4381 7456 18547 \$254.86 |
| nimal Units of Cattle 39.9 1.8 July 27.7 | Items eed Per Cow - Lbs. Concentrates* Hay and Fodder Silage otal Feed Costs Per Cow alue of Products Per Cow Dairy Products Net IncDec. In Value Total Value Produced eturns Over Feed Cost Per Cow | Your | Average of 28 Farms 5721 10041 17705 326.00 379.40 142.35 \$521.75 | Highsat In Returns Above Feed 8 Farms 7294 9888 21103 \$393.79 458.33 180.94 \$639.27 245.48 | Lowest In Returns Above Feed 8 Farms 4381 7456 18547 \$254.86 |
| TOTAL | Items eed Per Cow - Lbs. Concentrates* Hay and Fodder Silage otal Feed Costs Per Cow alue of Products Per Cow Dairy Products Net IncDec. In Value Total Value Produced | Your | Average of 28 Farms 5721 10041 17705 326.00 379.40 142.35 \$521.75 | Highsat In Returns Above Feed 8 Farms 7294 9888 21103 \$393.79 458.33 180.94 \$639.27 245.48 | Lowest In Returns Above Feed 8 Farms 4381 7456 18547 \$254.86 |

^{*}Concentrates refer to total of corn, small grain, and commercial feed fed.
Table 13 - Other Dairy Concentrates is erroneous. Table 14 is correct.

GABLE 15 BEFF BREEDING CATTLE

| Items | | Your Farm | | Average of 6 Farms | | |
|--|------------|--|--|---|--|--|
| Feeds Per Animal Unit Lbs. | | | | | | |
| Concentrates* | | | , | ۲۵ | | |
| Legume | | | | 152 | | |
| Silage | | | 2,3 | | | |
| Other Hay | | | 4,6 | 18 | | |
| Other hay | | | 1 | 193 | | |
| Feed Cost Per Animal Unit | | | | | | |
| Concentrates* | | Entropy of Comme | 9. | 72 | | |
| Roughages | | | 47 | | | |
| Pasture | | | 13. | | | |
| Total Feed Costs | | | 65. | | | |
| Net Increase in Value of | Animals | | 72. | ٦)، | | |
| eturns Above Feed Cost Per An | imal IInit | | | | | |
| | Imal OHIC | | 0. | 75 | | |
| eturns for \$100 of Feed | | | 110. | 3 5 | | |
| umber of Cows and Bulls | | | 32. | 2 | | |
| umber of Animal Units | | | 29. | | | |
| ounds of Beef Produced | | | 8,15 | | | |
| TARIR 16 PEPD COCMC | AID DEMIN | NO TOOK ST | | | | |
| TABLE 15 - FFED COSTS A | IND RETUR | NO PROM PP | | | | |
| | ۸ | TT C TO C C C | 7 Farms | 6 Farms | | |
| Items | | verage of 13 | Highest In Returns | Lowest In | | |
| | | arms | | Returns | | |
| eeds Per Cwt Beef Produced Lbs | I CLIM I | at IIID | Above Feed | Above Feed | | |
| Corn | | 562 | 514 | 666 | | |
| Small Grain | | 37 | 40 | | | |
| Commercial Feeds | | 47 | 40 | 29 63 | | |
| | **** | 41 | 40 | O | | |
| Legume Hay | | 220 | 206 | 251 | | |
| Other Hay and Fodder | | 21 | 31 | 1 | | |
| | | | | | | |
| | | | | - | | |
| Total Concentrates* | | 646 | | | | |
| Total Hay and Fodder | | | 594 | 7 58 | | |
| | | 646 | | 758 252 | | |
| Total Hay and Fodder Silage | | 646 241 | 594 237 | 7 58 | | |
| Total Hay and Fodder Silage eed Cost Per Cwt. Beef Prod. | | 646 241 675 | 594 237 594 | 758 252 851 | | |
| Total Hay and Fodder Silage eed Cost Per Cwt. Beef Prod. Concentrates* | | 646 241 675 | 594 237 594 14.80 | 758 252 851 \$19.60 | | |
| Total Hay and Fodder Silage eed Cost Per Cwt. Beef Prod. Concentrates* Roughages | | 646 241 675 16.33 4.50 | 594 237 594 14.80 4.07 | 758 252 851 | | |
| Total Hay and Fodder Silage eed Cost Per Cwt. Beef Prod. Concentrates* Roughages Pasture | | 646 241 675 16.33 4.50 | 594 237 594 14.80 4.07 | 758 252 851 \$19.60 | | |
| Total Hay and Fodder Silage eed Cost Per Cwt. Beef Prod. Concentrates* Roughages | | 646 241 675 16.33 4.50 | 594 237 594 14.80 4.07 | 758 252 851 \$19.60 | | |
| Total Hay and Fodder Silage eed Cost Per Cwt. Beef Prod. Concentrates* Roughages Pasture | | 646 241 675 16.33 4.50 | 594 237 594 14.80 4.07 | 758 252 851 \$19.60 5.40 | | |
| Total Hay and Fodder Silage eed Cost Per Cwt. Beef Prod. Concentrates* Roughages Pasture Total Feed Costs | n | 646 241 675 16.33 4.50 .07 20.90 | 594 237 594 14.80 4.07 .10 18.97 | 758 252 851 \$19.60 5.40 \$25.00 | | |
| Total Hay and Fodder Silage eed Cost Per Cwt. Beef Prod. Concentrates* Roughages Pasture Total Feed Costs Net Increase In Value of A | n | 646 241 675 16.33 4.50 .07 20.90 | 594 237 594 14.80 4.07 .10 18.97 25.74 | 758 252 851 \$19.60 5.40 \$25.00 25.63 | | |
| Total Hay and Fodder Silage eed Cost Per Cwt. Beef Prod. Concentrates* Roughages Pasture Total Feed Costs Net Increase In Value of A eturns Above Feed Cost Cwt. Be | n | 646 241 675 16.33 4.50 .07 20.90 25.70 4.80 | 594 237 594 14.80 4.07 .10 18.97 25.74 6.77 \$135.62 | 758 252 851 \$19.60 5.40 \$25.00 | | |
| Total Hay and Fodder Silage eed Cost Per Cwt. Beef Prod. Concentrates* Roughages Pasture Total Feed Costs Net Increase In Value of A eturns Above Feed Cost Cwt. Be eturns For \$100 of Feed rice Paid Cwt. Beef Bought | n | 646 241 675 16.33 4.50 .07 20.90 25.70 4.80 23.01 | 594 237 594 14.80 4.07 .10 18.97 25.74 6.77 \$135.62 21.90 | 758 252 851 \$19.60 5.40 \$25.00 25.63 | | |
| Total Hay and Fodder Silage eed Cost Per Cwt. Beef Prod. Concentrates* Roughages Pasture Total Feed Costs Net Increase In Value of A eturns Above Feed Cost Cwt. Be eturns For \$100 of Feed rice Paid Cwt. Beef Bought rice Received For Feef Sold | n | 646 241 675 16.33 4.50 .07 20.90 25.70 4.80 23.01 | 594 237 594 14.80 4.07 .10 18.97 25.74 6.77 \$135.62 | 758 252 851 \$19.60 5.40 \$25.00 25.63 .63 \$102.50 | | |
| Total Hay and Fodder Silage eed Cost Per Cwt. Beef Prod. Concentrates* Roughages Pasture Total Feed Costs Net Increase In Value of A eturns Above Feed Cost Cwt. Be eturns For \$100 of Feed rice Paid Cwt. Beef Bought | n | 646 241 675 16.33 4.50 .07 20.90 25.70 4.80 23.01 | 594 237 594 14.80 4.07 .10 18.97 25.74 6.77 \$135.62 21.90 | 758 252 851 \$19.60 5.40 \$25.00 25.63 .63 \$102.50 | | |

Not enough records were submitted to prepare averages for the farm flock or feeder lambs. Tables are included so individual farmers may insert their own figures.

TABLE 16 - FEED COSTS AND RETURNS FROM FARM FLOCK OF SHEEP - 1966

| Item | Your Farm |
|--|--|
| Feeds Per Ewe lbs. | |
| Concentrates | |
| Legume Hay | |
| Other Hay | |
| Silage | |
| Feed Cost Per Ewe | |
| Concentrates | |
| Roughages | |
| Pasturo | |
| Total Feed Costs | |
| Value of Produce Per Head | |
| Not Inc. In Value of Animals | edit on the contraction of the state of the |
| Total Value Produced | Contraction of the Contraction o |
| Total Value Houded | and the second s |
| Returns Above Feed Cost Per Head | the second and the second |
| Returns For \$100 of Feed | |
| Price Per Cwt. Lamb and Mutton Sold | |
| Price Per 1b. Wool Sold | |
| Pounds of Wool Per Sheep | |
| Number of Ewes Kept for Lambing | |
| Per Cent Lamb Crop | |
| Per Cent Death Loss | |
| Average Number of Ewes | |
| | 49-4-07-pillinent-oriecte-capte-size |
| | |
| Item | Your Farm |
| Feed per cwt lambs produced, lbs. | |
| Concentrates | |
| Legume Hay | |
| Other Hay | |
| Fodder and Stover | |
| Silage | |
| Feed cost per cwt. Lambs produced | |
| Net increases in value per cwt. produced | |
| Return above feed cost per cwt. produced | |
| | |
| Returns for \$100 of Feed | |

Not enough records were submitted to provide averages for the chicken enterprise.

TABLE 17 - FEED COSTS AND RETURNS FROM CHICKENS - 1966 Your Farm Item Food -Per Hen- lbs. Grain Commercial Feeds Total Concentrates Total Feed Costs Per Hen Value of Produce Per Hen Eggs sold and Used Inc-Dec. In Value of Flock Total Value Produced Returns Over Feed Cost Per Hen Returns For \$100 of Feed Price Per Dozen Eggs Sold - Cents Eggs Laid Per Hen Average Number of Hens

Per Cent Death Loss

Table 18. Summary of Miscellaneous Items by Years

| | | | Average | | | | |
|--|--------------|---------------------|--------------|---------|------------|---------------------|---|
| Acres In Farm | 1953-54 | 1955-59 | 1960-64 | 1963 | 1964 | 1965 | 1966 |
| Small grains | 07 (| 7/ 0 | (0.1 | (() | 4/ / | 1 - 1 | |
| Cultivated Crops | 91.6 | 56.8 | | 66.4 | | 42.6 | 100000000000000000000000000000000000000 |
| Tillable land in hay | 65.6 31.6 | 114.8 | | 98.2 | 117.6 | | A SECURE OF THE PROPERTY. |
| Tillable land in pasture | 9.7 | 31.7 | | 37.9 | | 35.2 | |
| Soil Bank | 7 o f | 11.6 | | 10.5 | | | |
| Tillable land not cropped | 2.7 | | | 11.8 | | | |
| Total tillable land | 201.2 | $\frac{1.3}{218.0}$ | 1.1 259.8 | 225.9 | 236.5 | $\frac{2.2}{219.3}$ | 2.8 239.6 |
| Wild hay & non-till. past | 31.8 | 26.6 | 32.5 | 34.2 | 37.1 | 3h.5 | 34.2 |
| Other non-tillable land | 31.4 | 33.6 | | 31.0 | | 36.6 | |
| Total acres in farm | 264.4 | 278.2 | 321.7 | | 309.4 | | |
| Yields per acre | | | | | | | |
| Flax, bu. | 10.0 | 10.4 | 11.8 | 12.5 | 12.5 | 16.2 | 8.7 |
| Barley, Bu. | 27.0 | 35.4 | 40.1 | 44.9 | 48.8 | 66.9 | 38.0 |
| Wheat, bu. | 13.8 | 24.0 | | 26.6 | 19.6 | | |
| Oats, bu. | 34.6 | 44.2 | 52.8 | 55.8 | 44.6 | 60.1 | 42.9 |
| Corn grain, bu. | 46.0 | 50.3 | 52.8 | 65.0 | 36.7 | 48.8 | 71.1 |
| Soybeans, bu. | 20.1 | 19.2 | | 24.8 | 13.1 | 14.2 | 22.3 |
| Corn silage, tons | 8.2 | 9.3 | 9.9 | 10.2 | 7.5 | 7.4 | 9.8 |
| Alfalfa hay, tons | 2.6 | 2.6 | 2.7 | 3.4 | 2.4 | 2.9 | 2.6 |
| Measures of farm org. & management | | | | | | | |
| Percent of land in high return | | | | | | | |
| crops | 47.8 | 56.2 | | 55.3 | | | 58.6 |
| Prod. L. S. Units per 100A | 19.0 | 23.1 | 26.8 | 29.5 | | | 24.5 |
| Size of bus, work units | 342 | 384 | 507 | 513 | 545 | 460 | 11112 |
| Work units per worker | 230 | 255 | | 342 | 311 | 329 | 31.3 |
| Fxp. per work unit | \$9.94 | \$11.86 | \$10.99 | "1Q 47 | \$9.86 | \$10.59 | 12.26 |
| Return above feed cost per: Dairy cow | 4/0.00 | 47.00 (0 | Anll ol | امداد | 0.4===== 0 | - 1-0 | |
| | | \$108.62 | | | | | 72 \$159.7 |
| An, unit in beef breeding here | | 49.83 | | | 3 -10.9 | | |
| 100 lbs. feeder cattle prod. | | | | | | | 12 4.8 |
| 100 lbs. hogs produced Hen | 8.12 | 4.30 | 4.83 | | | 5 12.0 | |
| nen | 1.00 | 1.02 | .94 | •7 | 2 .5 | 7 .6 | 50 2.67 |
| Feed cost per: | | | | | | | |
| Dairy cow | | \$138.27 | \$173.73 | \$175.4 | 7 \$196. | 37.\$187 | .22 223.71 |
| An unit in beef breeding herd | | 75.41 | 77.14 | 98. | 99 92. | 15 88. | 06 65.3 |
| 100 lbs. feed cattle produced | 19.92 | | 17.47 | 20. | 59 17. | 19 17. | 83 20.9 |
| 100 lbs. hogs produced | | 10.81 | 10.68 | 10.9 | 90 11. | 82 12. | 50 12.62 |
| Hen | 1,.20 | 3.62 | 3.31 | | 13 3. | 16 3. | 28 3.36 |

Table 19. Summary of Miscellaneous Items by Years (Continued)

| | | | Average | | | | |
|-----------------------------|---------|--|--|-----------------|--------|--|----------------|
| | 1953-54 | 1955-59 | 1960-64 | 1963 | 1964 | 1965 | 1966 |
| Misc. Livestock information | | | | | | - | |
| No. dairy cows | 10.8 | 16.3 | 12.5 | 15.0 | 17.7 | 14.3 | 24.2 |
| Lbs. beef produced | * | * | AND ACCUSED AND AND AND AND AND AND AND AND AND AN | | 12952 | 9822 | 33.742 |
| Litter of pigs | 8.5 | 9.9 | 15.7 | | 16.2 | 14.9 | 38 |
| Lbs. hogs produced | 13852 | | | | 27436 | | 69.819 |
| Number of hens | 176 | 284 | 283 | | 343 | 259 | 1458 |
| Lbs. butterfat per cow | 256 | | 358 | | | 316 | 355 |
| No. pigs weaned/litter | 7.0 | | 7.0 | | | 7.6 | 7.9 |
| Eggs per hen | 174 | 186 | 197 | 200 US 200 TOUR | 200 | 194 | 218 |
| Price received per: | | | | | | | |
| Lb. butterfat (cts.) | * | * | 89.9 | 87 7 | 91.6 | 91.0 | 7 00 |
| 100 lbs. fat cattle | \$19.23 | | | | | \$21.90 | 1.07 |
| 100 lbs. hogs | 21.30 | C. C | 15.93 | 15.27 | 15 33 | 21.67 | 21.74 |
| Dozen eggs (cts) | 35.5 | | 27.2 | | | | 23.48 |
| 3.7 | 2207 | -/62 | -10- | 2000 | 240/ | 2407 | 33.7 |
| Price of feed: | | | | | | | |
| Corn, bu. | \$1.32 | \$1.11 | \$.99 | \$1.05 | \$1.06 | \$1.14 | ז סר |
| Oats, bu. | .70 | •59 | | | .63 | | 1.25 |
| Barley, bu. | 1.06 | .92 | .91 | .84 | | | .64 |
| Alfalfa hay, ton | 17.25 | 18.65 | | | | 23.00 | 1.05 |
| Timothy hay, ton | 9.95 | 11.10 | | | 11.60 | | 20.00 14.00 |
| Corn silage, ton | 5.80 | 6.10 | | | 6.75 | | 7.00 |
| Soybean meal, cwt. | L.10 | 3.75 | 4.35 | | | 32 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | 5.20 |

^{*}Information not available.

Table 20. Summary of Farm Farnings by Years

| | | Average 1955-59 | | | 1963 | 1964 | 1965 | 1966 |
|----------------------------|----------------|--------------------|-------------------|---------|----------|---|---------|--------------|
| Sumber of farms | 49 | 30 | 40 | 43 | 45 | 40 | 62 | 49 |
| ARM RECEIPTS | 3 | | | | | *: | | |
| airy Cattle | \$750 | \$760 | \$1185 | \$ 997 | \$ 1367 | \$ 1487 | \$ 1236 | 176 |
| airy Products | 2122 | 2497 | 4010 | 3412 | 4621 | 6193 | | |
| Seef cattle | | | 6065 | 6789 | 6301 | | 4076 | |
| | 1620 | 6027 | | | | | | |
| logs | 2950 | 2290 | 4886 | 5452 | 3547 | | | |
| sheep and wool | 167 | 103 | 385 | 313 | 238 | 171 | 99 | 18 |
| orses | 7 | 4 | _ | - | - | - | | - ~ |
| oultry | 155 | 81 | 399 | 76 | 1579 | 83 | 79 | 9 5 |
| ggs | 846 | 926 | 1677 | 1394 | 1361 | | 1151 | . 71 |
| orn | 816 | 1976 | 2353 | 2511 | 1774 | | | |
| mall grain | | | 1562 | 1883 | | | | |
| | 1578 | 1097 | | | | | | |
| ther crops | 474 | 1242 | 1760 | 1931 | 1605 | | , | |
| achinery & equip. sold | 226 | 206 | 350 | 487 | 336 | | | |
| ncome from work off farm | 397 | 312 | 429 | 414 | 475 | | | |
| iscellaneous | 172 | 197 | 465 | 856 | 348 | 1,16 | 375 | 5 43 |
| Total farm sales | \$12280 | \$18674 | | 9:26515 | | | \$20939 | \$258 |
| increase in farm capital | 952 | 1738 | 2305 | 2448 | 3025 | | | 55 |
| amily living from farm | | | 301 | 295 | 306 | | | |
| Total farm receipts | 292 \$13524 | 231 \$20643 | \$28065 | \$29258 | \$28166 | \$24512 | | |
| ARM EXPENSES | | | | | | | | |
| | | 4 000 | d 0.22 | A 020 | \$ 139 | ¢ 200 | \$ 317 | 7 4 |
| airy cattle bought | \$ 177 | \$ 200 | \$ 231 | | | | | |
| eef cattle bought | 592 | 2769 | 3375 | 3922 | | | | |
| ogs bought | 182 | 1128 | 540 | | | | | |
| heep bought | 37 | 148 | 9 7 | 49 | 47 | _ | 15 | 5 |
| lorses bought | 4 | 4 | - | 2 | - | - | 7 | 7 |
| Poultry bought | 112 | 128 | 344 | | | 540 | 271 | 1 |
| Misc. livestock exp. | 189 | 337 | 594 | | | | | |
| | | | | | | | | |
| eed bought | 1500 | | 4649 | | | | | |
| Tertilizers | 300 | 518 | 800 | | | | | |
| Other crop expenses | 409 | | 847 | 953 | | | | |
| Custom work hired | 421 | 541 | 737 | 636 | 859 | 850 | 688 | 3 7 |
| as, oil, grease bought | 800 | | 1077 | 1164 | 982 | 988 | 980 |) 10 |
| ep. for mechanical power | 302 | 426 | 594 | | | 593 | 586 | 5 6 |
| ep. & upkeep of real est. | | | 268 | | | | | |
| | | | | | | 27 C 27 C 20 C 20 C 20 C 20 C 20 C 20 C | 4 | 50.00 |
| dep. of crop machinery | 272 | | 41.6 | | | 100000000000000000000000000000000000000 | | |
| Rep. of livestock equip. | . 88 | (1000) | 128 | | | | | (A) |
| Jages of hired labor | 41,2 | 524 | 621 | | | | | |
| Electricity expense | 128 | 177 | 265 | 255 | 257 | 298 | | |
| Real est. & pers. prop. ta | ax 483 | 666 | 1016 | 983 | 946 | 1.016 | 93! | 5 9 |
| eneral farm exp. | 164 | | 296 | 10 | | | | |
| Total cash operating exp | | | ~ <u>\$7.6025</u> | \$17879 | | \$15842 | | |
| Cap. purchmech. power | | | 669 | | | | | 5 9 |
| | 644 | | | | | | | |
| Cap. Purchcr.& gen. mach | | | 1138 | | | | | |
| Cap. purchlvstk. equip. | 130 | | 494 | | | | | |
| Sap. purch bldg. & fencing | g 492 | 590 | 1106 | 989 | | | | |
| Total farm purchases | \$8926 | | | \$21611 | \$2092 | \$19206 | \$1685 | \$208 |
| Decrease in farm capital | 3,0,720 | | | | | | | - |
| | 7 97 1 | 2520 | 207 (| 2020 | 2912 | 3147 | 294 | 7 33 |
| Interest on farm capital | 1814 | | 3215 | | | | | TO 9701 (20) |
| Inpaid family labor | 295 | | 482 | | | | | |
| Board for hired labor | 80 | 111 | 81 | | | 57 | 3 | |
| Total farm exp. | \$11115 | | \$24110 | +25337 | \$21,501 | \$23148 | \$2033 | 8 \$ 246 |
| TOTAL TAIM EXP. | | | | | | | | |
| Labor earnings | 2409 | | 3955 | | | | | |