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Annual Report of the Southeastern Minnesota Farm Management Service

1941

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Cooperator:

900 3.42

Mimeographed Report No. 128 Division of Agricultural Economics University Farm St. Paul, Minnesota March 1942

INDEX

| 그는 것은 것은 사람은 여러 방법에 가져서 가슴을 가지 않는 것이라. 물건은 물건을 가지 않아 가려 들었다. 가지 않는 것이라는 것이라. | 1 486 |
|--|---------|
| Introduction | 1 |
| Summary of Farm Inventories | 485 |
| Amount of Livestock, | 5 |
| Summary of Farm Earnings (Cash Statement) | 6 |
| Summary of Farm Earnings (Enterprise Statement) | 7 |
| Analysis of the Reasons for Differences in Operator's Earnings | 8 |
| Effect of Well Balanced Efficiency on Operator's Earnings | |
| Measures of Farm Organization and Management Efficiency | |
| Thermometer Chart | |
| Distribution of Acres in Farm | 14 |
| Yield of Crops | |
| Feed Costs and Returns from Dairy Cows | 16 |
| Feed Costs and Returns from Other Dairy Cattle | 17 |
| Feed Costs and Returns from All Dairy Cattle | 17 |
| Feed Costs and Returns from Dual Purpose Cows | 18 |
| Feed Costs and Returns from other Dual Purpose Cattle | 19 |
| Feed Costs and Returns from All Dual Purpose Cattle | 19 |
| Feed Costs and Returns from the Beef Breeding Herd | |
| Feed Costs and Returns from Feeder Cattle | |
| Feed Costs and Returns from Native Sheep | |
| Feed Costs and Returns from Feeder Sheep | 21 |
| Feed Costs and Returns from Hogs | 22 |
| Feed Costs and Returns from Chickens | 22 |
| Feed Costs and Returns from Turkeys | 23 |
| Feed Costs for Horses and Other Power Expense Items | .23 |
| Farm Produce Used in House and House Rental | 24 |
| Household and Personal Expenses | 24 |
| Miscellaneous Information - Averaged by Counties | |
| Summary of Farm Earnings 1928-1940 | 26 & 27 |
| Comparison of Various Items with Previous Years | 27 & 28 |
| Notes | |
| | |

Fourteenth Annual Report of the Farm Management Service of Dakota, Dodge, Freeborn, Goodhue, Le Sueur, Mower, Nicollet, Olmsted, Rice, Scott, Steele, Wabasha, Waseca and Winona Counties for the Year 1941

Prepared by T. R. Nodland, G. E. Toben and G. A. Pond

INTRODUCTION

The Division of Agricultural Economics and the Division of Agricultural Extension of the University of Minnesota, the Bureau of Agricultural Economics of the United States Department of Agriculture, and the county extension services of Dodge, Freeborn, Goodhue, Rice, Steele and Waseca Counties organized late in 1927 the Farm Management Service Project, to operate in the above named counties, beginning January 1, 1928. Additional counties have since been added. This farm management service is offered to farmers who desire to keep farm records, and to have these records summarized and analyzed in connection with those of other farmers. Each farmer who cooperates in this service pays an annual fee which covers a part of the cost. The balance of the cost is defrayed by the University of Minnesota.

General administration of this project, analysis of the records and preparation of the reports is handled by the Division of Agricultural Economics under the direction of G. A. Pond, T. R. Nodland and G. E. Toben. Field organization is handled by the Agricultural Extension Division with S. B. Cleland and J. B. McNulty in charge of this work. Glen Myers is the field agent for this project. At the end of the year A. W. Anderson and V. G. Dose of the Division of Agricultural Economics aided in closing the records. County agricultural extension agents who cooperate in this project include H. Läwrenz, V. Sander, W. M. Lawson, G. J. Kunau, R. D. Evans, F. L. Liebenstein, E. Nelson, R. Aune, D. Marti, W. W. Miller, J. R. Gute, S. B. Simpson, C. F. Murphy and H. C. Pederson

The Southeast Minnesota Farm Management Association was organized in 1939 by the farmers cooperating in the S. E. Farm Management Service. This association now represents its membership as an additional cooperating agency to determine policies and especially to maintain the field organization and membership. Officers for 1941 were:

医二乙酰胺医乙酰胺 财命 计计学数据分析 计算法分析

Carlos and Angelt and Angel

President, H. B. Hillier, Brownsdale, Mower County; Vice-President, W. G. Frame, Northfield, Dakota County; Secretary-Treasurer, John Vaughn, Elko, Scott County.

The board of directors included these officers and also the following: Leslie Wright, Dodge County; Ross Ferguson, Freeborn County; Joe Rostad, Goodhue County; Franklin Till, Olmsted County; J. T. Holmes, Rice County; Hiram Johnson, Steele County; Fred Scholljegerdes, Waseca County and Joe Ries, Winona County.

In addition to records kept by members of the S. E. Minn. Farm Mgt. Service, 26 records from farmers in a 3-year detailed accounting study in Nicollet county are included. Some of these farmers were in the S. E. Service in 1940 and earlier years and will probably return to it at the end of the three-year period. Since these farms are in the same area and of the same type as the

Note: Assistance in the preparation of this material was furnished by workers supplied on N. Y. A. Student Work Project No. 350-70. Sponsor: University of Minnesota. others and since the same type of records are available they have been combined with those of the regular service to increase the size of the sample and make the comparison more significant. These records have been kept under the general direction of Mr. S. A. Engene of the Dept. of Agr. Econ. and serviced by Mr. F. E. Wetherill.

The following tabulation shows by counties the number of records submitted in 1941:

| | Dakota | 8 | | Mower | 10 | i ta a | Steele | 16 | |
|-----|----------|-----|-----|--|-----|----------------|---------|---------|-----|
| | Dodge | . 8 | , | Nicollet | 29 | | Wabasha | - 9 | |
| ÷ . | Freeborn | -23 | | Olmsted | 15 | | Waseca | 21 | |
| | Goodhue | 17 | · . | Rice | 7 | | Winona | _ 22 | |
| | LeSueur | 5 | | Scott | 14 | .: | Total | 2.04 | |
| | · | | | 2000 (1994) 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - 1995 - | . 1 | and the second | | . K. K. | . " |

The table on page 4 and succeeding pages show 197 farms. Seven farms have been omitted from all the averages in the tables because they differed so widely in type from the others or were not sufficiently complete for a full analysis.

TYPE OF FARMING*

Most of the farms are livestock farms on which dairy cattle are the principal source of income. Although some milk and cream are retailed in cities, and some milk is sold for shipment to the Twin Cities, cream for manufacture into butter is generally the principal dairy product sold. This is marketed through farmer-owned cooperative creameries specializing in the manufacture of high quality butter. The skimmilk is retained on the farm and fed to hogs and poultry. These two classes of livestock are also an important source of income.

The principal crops grown are corn, oats, barley and hay: These crops are raised primarily as livestock feed, although a seasonal surplus may be sold. Wheat, sweet corn, canning peas, sugar beets, flax and seed crops are grown to a limited extent as cash crops.

WEATHER, SOIL AND TOPOGRAPHY

Weather conditions were unfavorable for early spring work; seeding of small grains was seriously delayed. However, warm weather together with frequent rains in May and June favored the rapid growth of crops. Corn cultivating and haying were hindered by wet weather. Hot, dry weather during July and August damaged small grains and pastures. Frequent rains in September delayed late threshing and other fall work. The fall of 1941 was considerably warmer and much wetter than usual. Light frosts in late September resulted in no serious damage. Killing frosts occurred in late October.

There is some variation in soil conditions and topography among these counties. The soil varies from sandy loam to a rich black clay loam; the latter type predominates in this area. Some of the farms are level, all tillable and well drained, but most of them are gently rolling with some land too rough or too wet to cultivate. Goodhue, Wabasha and Winona Counties

*For a more complete description of the area see Engene, S. A. and Pond, G. A., "Agricultural Production and Types of Farming in Minnesota", Minn. Bul. 347, May, 1940. have more rolling land than the other counties. Much of the level land is tile to make possible its cultivation in wet years. However, on a number of farms, there is considerable land which is poorly drained. In much of Goodhue, Dodge, Mower, Olmsted and Winona Counties and in the eastern part of Dakota, Rice and Steele Counties, the soil is lime deficient and applications of lime are necessary in order to grow alfalfa and sweet clover. In the remainder of the area it is not necessary, as a rule, to apply lime in order to grow these two crops.

| | <u> </u> | DTG T MO | nuniy and | Annual r | recipitat | 1.0n | | |
|-----------|---------------|--------------|-------------|----------|-----------|----------|--|---------|
| | Roche | ster | Alber | t Lea | Farib | ault | St. I | 'eter |
| | Precip- | Depart- | Precip- | Depart- | Precip- | Depart- | Precip- | Depart- |
| | itation | ure from | itation | urefrom | itation | ure from | itation | urefrom |
| | | normal | · . | normal | | normal | and the second sec | normal |
| | Inches | Inches | Inches | Inches | Inches | Inches | Inches | Inches |
| | | di la | | | | | · · | |
| January | 1.67 | +0.57 | 0.80 | -0.01 | 0.67 | +0.11 | 0.60 | -0.28 |
| February | 0.28 | -0.54 | 1.07 | +0.16 | 0.42 | -0.24 | 1.26 | +0.56 |
| March | 2.54 | +1.22 | 1.05 | -0.18 | 0.91 | -0.12 | 1.27 | +0.18 |
| April | 1.34 | -1.33 | 2.26 | -0.14 | 2.34 | +0.46 | 1.96 | -0.01 |
| May | 4.42 | ·+Q.44 | 5.42 | +1.18 | 3.34 | +0.12 | 4.36 | +0.95 |
| June | 5.84 | +1.25 | 6.53 | +1.95 | 3.44 | -0.93 | 5.30 | +0.59 |
| July | 1.90 | -0.88 | 1.24 | -2.24 | 1.83 | -1.52 | 1.86 | -1.54 |
| August | 0.31 | -2.99 | 0.86 | -2.79 | 1.84 | -1.57 | 1.04 | -2.42 |
| September | c 6.32 | +3.35 | 7.79 | +3.82 | 3.46 | +0.01 | 4.48 | +0.84 |
| October | 3.83 | +1.73 | 7.42 | +5.29 | 4.00 | +1.92 | 5.63 | +3.44 |
| November | 0.78 | -0.83 | 0.78 | -0.69 | 0.32 | -0.82 | 1.31 | +0.02 |
| December | 0.57 | -0.35 | 1.13 | +0.18 | 0.51 | -0.12 | | +0.17 |
| | | t the second | · · · · · · | • | • • | | | |
| 1941 Tota | | +1.64 | 36.35 | +6.53 | 23.08 | -2.70 | 29.95 | +2.50 |
| 1940 Tota | 1, 28.87 | +0,71 | 27.81 | -2.01 | 23.34 | -2.44 | 38.39 | +10.94 |
| 1939 Tota | 1 21.92 | -6.24 | 19.74 | -10.08 | 16.28 | -9.50 | 22.49. | -4.96 |
| 1938 Tota | 1 43.69 | +15.53 | 38.04 | +8.22 | 27.14 | +1.36 | 30.81 | +3.36 |
| | | | | | | - | - | |

Table 1 Monthly and Annual Precipitation

RECORDS KEPT

· · · · ·

The records kept by the cooperators included inventories at the beginning and end of the year, cash receipts and expenses, a report of feed fed to the various classes of livestock, and a record of farm produce used by the farm family. Supplementary information was also secured during the year regarding crop and livestock production and practices.

The cooperators were assisted and supervised in keeping their records by the field agent, Glen Myers, who visited each farm several times during the year. In addition to securing the supplementary information, the field agent's duties included numerous services, viz., securing a monthly list of prices of farm products prevailing in the area, helping the farmer place uniform values on real estate and equipment, checking the cash and feed records, and answering any questions that might arise as to how the entries should be made in the account book. The supervision resulted in uniformity in the type of records secured, in the inventory valuations and in the prices at which feed and farm produce were charged.

At the end of the year, the books were taken to the central office at University Farm, where they were summarized. For the purpose of comparison, the earnings as shown in this report are computed as if each farm were owned by its operator; however, each tenant is supplied a statement of his earnings on the basis of the rental system under which he is operating.

| Summary of Farm Invento | ries (B | eginning of | | |
|--|--------------|---|---|--|
| | Your farm | Average of 197 farms | | 39 least profitable farms |
| Size of farm (acres) Size of business (work units)* | | 227 664 | 283 898 | 204 526 |
| Horses \$ Productive livestock (total) Dairy and dual purpose cows Other dairy & dual purpose cattle Beef cattle (including feeders) Hogs Sheep (including feeders Poultry (including turkeys) Crop, seed, and feed Mach. & equipment (total) Power mach. (f. share) Crop & gen. mach. (f. share) Livestock equip. & supplies Buildings, fences, etc. Land | | \$ 401 2998 1132 601 460 458 151 196 2196 2644 928 1249 467 6427 8735 | \$ 437 4216 1355 757 843 662 265 334 3229 3360 1112 1596 652 8141 10765 | \$ 365 2409 1052 517 288 280 113 159 1378 2050 752 873 425 5858 7295 |
| Total farm capital | р. | 23401 | 30148 | 19355 |

ummany of Farm Inventories (Beginning of Year), 1941

* Explanation of term: "Work units."

The total "work units" for any one farm is a measure of size of that farm business. It is the accomplishment of a farm worker in a ten-hour day working on crops and productive livestock at average efficiency.

The number of work units for each animal and each acre of crops used in this report are listed as follows:

| | | No. of | No. of |
|------------------|-------------------|-------------------------------|------------------------------------|
| Item | Per | work units | Item and the Per work units |
| | di ku si ka da ga | ee for a second second second | |
| Dairy and dual- | COW | 14.5 1 | Small grain acre .8 |
| nurnose cows | | • | Soybeans for grain " 1.0 |
| Other dairy & du | al-) | 4.4 | Sugar beets " 3.0 |
| purpose cattl | .e) animal | | Sweet corn is the bir We and 2.5 |
| Beef breeding he | | | Corn, chusked |
| Sheep - farm flo | | | · Corn, hogged to instants " |
| Hens | | 28.0 | Corn, shredded 2.8 |
| Feeder cattle |) / | | Corn silage d'and "term of2.1 |
| Feeder sheep | .). 100 lbs. | •5 | Corn fodder |
| Hogs |) produced | · • | Alfalfa hay |
| Turkeys |) | .7 | Soybean hay the set " state 1.4 |
| Canning peas | acre | | o Other hay crop and "an end. 6 th |
| | | • | |

*Animal unit represents one cow, one bull, one feeder steer or heifer, two head of other cattle, seven head of sheep, fourteen lambs, five hogs, ten pigs, 100 hens, or 1,400 lbs. turkeys produced.

| | -5- | | - 1 | |
|--|---|---|--|--|
| Summary of F | arm Inventories You farm | r Average | 1941 39 most profitable farms | 39 least profitable farms |
| Horses Productive livestock (tot. Dairy & dual purpose co Other dairy & dual purpos Beef cattle (including f Hogs Sheep (including feeder Poultry (including turk Crop, seeds, and feed Mach. & equipment (total) | ws e cattle eeders) s) | \$ 381 3692 1234 656 496 896 165 245 2451 | \$ 395 5102 1547 860 746 1253 299 397 3768 | \$ 348 2890 1109 533 444 559 69 176 1552 |
| Power Mach. (f. share) Crop & gen. mach. Livestock equipment & sup Buildings, fences, etc. Land | pplies | 3033 1100 1393 540 6549 8727 | 3953 1387 1778 788 8383 <u>10765</u> | 2323 872 996 455 5871 <u>7295</u> |
| Total farm capital | | 24833 | 32366 | 20279 |
| Sumr | nary of Amount c | | | |
| Items | | Your Average farm of 197 farms | 39 most profitable farms | 39 least profitable farms |
| No. of horses No. of colts No. of dairy & dual purpos Head of other dairy & dual Head of cattle kept in bee Pounds of feeder cattle pr | purpose cattle of breeding herd | 4.0 .9 17.4 17.7 | 4.6 .9 20.5 22.2 7.3 3058 | (3.5 .8 16.0 15.8 1.6 1606 |
| Litters of pigs Pounds of hogs produced Head of sheep (2 lambs = 1 No. of hens | head) | 13.8 20330 16.1 197 | 19•5 29477 256 | 8.1 11306 9.3 192 |
| Total no. of prod. livesto | | 47.2 | 65.3 | 37.5 |
| % of total that are dairy | cows | 40.0 | 34.1 | 45.4 |
| % of total that are other pur | dairy & dual pose cattle | 21.0 | 18.7 ²⁰⁰⁶⁰⁰ | 23.6 |
| % of total that are in bee % of total that are feeder % of total that are native % of total that are feeder % of total that are hogs % of total that are turkey % of total that are hens | f breeding herd cattle sheep sheep | 3.5 4.3 4.4 .4 19,2 2.5 4.7 | 5.0 5.6 5.4 1.0 19.7 6.1 4.4 | 1.8 3.7 3.1 .3 15.4 .9 5.8 |
| Number of farms with tract | ors | 4 | <u>ала актрист</u> Сламана 39 . стана | |
| | | | <u>ing in the first</u> The first state | |

| Summary of Farm Earnings (C | ash State | ment), 1941 | |
|--|-----------------------|---------------------|--|
| Tour - | Average | 39 most | 39 least |
| farm | of 197 | profitable | profitable |
| Items | farms | farms | farms |
| FARM EXPENSES | and the second second | | The state of the strength of t |
| Horses bought 5 577 8 \$ | \$ 32 | \$ 36 | \$ 24 |
| Dairy and dual-purpose cows bought | 80 | 109 | 89 0000 |
| Other dairy & dual-purpose cattle " | 81 | 138 138 | and hh had a l |
| Beef cattle bought (including feeders | 260 | 371 | 432 |
| Hogs bought A State The State The State St | 121 | 109 | 161 |
| Sheep bought (including feeders) | 45 | 133 | 15 |
| Poultry bought (including turkeys) | 118 | 238 | 85 |
| Misc. crop expenses | 202 | 295 | 168 |
| Feed bought in the second states of the second | 820 | 1380 | 727 |
| Power mach. (farm share) (new) | 418 | 621 | 290.000 |
| Power mach. (farm share) (upkeep) | 403 | 541 | anta 339 (b. 6) |
| Custom work hired | 115 | 107 | 121 |
| Crop and general mach. (new) | <u>33</u> 2 | 430 | 276 |
| Crop and general mach. (upkeep) | 60 | 76 | 8 a 8 a 6 1 4 4 8 |
| Livestock equipment (new) | 138 | • 234 | . |
| Livestock equipment (upkeep) | 30 | 35 | 36 |
| Misc. livestock expense | 101 | 177 | 87 |
| Buildings and fencing (new) | 313 | 466 | 253 ed vie |
| Buildings and fencing (upkeep) | 164 | 209 | 171 |
| Hired labor | 454 | 644 | 484 |
| Autoph raxes Andrew Competence and the second | 252 | 323 | 228 |
| Insurance is at State state | 28 | 35 | 33 |
| General farm | 43 | 46 | 39 |
| (1) Total farm purchases | 4610 | 6753 | 4254 |
| (2) Decrease in farm capital | | | |
| (3) Board furnished hired labor | 145 | 179 | 117 |
| (4) Interest on farm capital | 1206 | 1563 | 991 · |
| (5) Unpaid family labor | 278 | 342 | 237 |
| (6) Total farm expenses (Sum of (1) to (5) | 6239 | 8837 | 5599 |
| FARM RECEIPTS | la wébere ik | | |
| Horses | 31 | 32 | 20 |
| Dairy and dual-purpose cows | 294 | 394 | 239 |
| Dairy products | 1720 | 2164 | 1618 |
| Other dairy and dual-purpose cattle | 313 | 421 | 270 |
| Beef cattle (including feeders) | 608 | 1151 | 552 |
| Hogs | 1778 | 2625 | 1027 |
| Sheep and wool (including feeders) | | 362 | 128 |
| Poultry (including turkeys) | 583 | 1547 | 244 |
| Reggs I Left C.OB | | 790 | 458 |
| | 88 | 122 | 18 |
| Callgrain C.20 | 262 | 273 | 181 |
| Other crops | 287 | 559 | 175 |
| Power machinery sold | 154 | ad 229 and 1 | 86 |
| je orop and gen. mach. sord | 68 | - <u>95</u> and , | 48 |
| Misc. | 120 | 132 | |
| Income from work off the farm | 146 | 213 | 52 |
| Agricultural adjustment payments | 331 | 419 | 245 |
| | 7479 | 11528 | 5448 |
| (7) lotal laim sates (8) Increase in farm capital | 1432 | 2218 | 924 |
| (9) farm prod. used in house + house | | (| 1, |
| (10) metal ent rent | <u> </u> | 605 | 454 |
| (10) Total farm receipts $(7) + (8) + (9)$ | 9416 | | 6826 |
| (6) Total farm expenses | 6239 | - 8837 | |
| (11) Operator's labor earnings(10)-(6) | 3177 | 5514 | 1227 |

- 6 -Summary of Farm Earnings (Cash Statement), 1941

| | Summary of Farm Ear | nings (Ant | erprise | | | . 70 7 1 |
|---------|---|--|---|---|--|------------|
| | • • • | en tat y dean a | | Average | | |
| | وهد ديد د اله و | • | Your | of 197 | profitable | |
| Items | · · · · · · · · · · · · · · · · · · · | ىرىنى ئەن بېرىرىكىنىيەرلېرىكىنىيەرىكە | farm | farms | farms | farms |
| | | an ta asy jin ata ang ing | na na sana sa | | | • |
| | AND NET DECREASES | in an | · · | · · | در به مربقه می از مربقه از مر مربقه از مربقه از مرب | the states |
| Total | | \$_ | | • \$ 699 | \$ 898 | \$ 620 |
| Hors | | • | | 183 | 235 | 151 |
| | tor | | | 215 | 292 | 194 |
| Truc | | · · · · · · · · | ·. | 82 | 127 | 66 |
| | (farm share) | | | 105 | 120 | 91 |
| Gas | engine (farm share) | · · · · · · · · · | | 3 | 3 | 4 |
| Elec | . plant or current (f | arm share) | | 53 | 66 | 54 |
| Hire | ed power | 1 . v | | 58 | 55 | 60 2 4 |
| Crop a | nd general machinery | | | 190 | 241 | 185 |
| | ock equipment | - | | 85 | 112 | 87 |
| Buildi | ngs, fencing and til | ing | | 246 | 295 | 279 |
| | productive livestock | | | 96 | · 172 | 84 |
| Labor | - | | | 905 | 1192 | 872 |
| Real e | estate taxes | i de la companya de | · · · · · · · · · · · · · · · · · · · | 220 | 278 | 200 |
| | al property tax | an a | · · · · · · · · · · · · · · · · · · · | | 45 | 28 |
| | | | | | 3.5 | 33 |
| | al farm | - | | 43 | 46 | 39 |
| | st on farm capital | | | 1206 | 1563 | 991 |
| | | - | | la ze | | |
| (1) To | tal expenses & net d | .ecreases | | 3750 | 4877 | 3418 |
| | a an | ···· | | يوموهيو وها مالا مالا | e 2 116 12 1, | |
| RETURNS | AND NET INCREASES | P 1 55 | • | | | |
| All pr | oductive livestock | a se de la serie | | 6419 | 9781 | 4547 |
| Dairy | r and dual-purpose cow | S | internet i an an | 2059 | 2592 | 1875 |
| | dairy & dual-purpose | | The second | 606 | 859 | 461 |
| | breeding herd | | 1 4 C | 128 | - 326 - S | 27 |
| Feede | er cattle | | | 238 | 340 | 247 |
| Hogs | · · · · · · · · · · · · · · · · · · · | | | 2144 | 3166 | 1176 |
| Sheep |) - farm flock | • . · · · | · · · · | 128 | 209 | 63 |
| Sheer |) - feèders | · · · · · | | 15 | 55 | 6 |
| Turke | ys | te t | | 402 | 1326 | 79 |
| Chick | | | | 699 | 908 | 613 |
| | seed and feed | · | ****** | -116 | -197 | -314 |
| | e from work off the f | arm | | 146 | 213 | 52 |
| | ltural conservation | | ******* | 331 | 419 | 245 |
| - | laneous | | | 147 | 175 | 115 |
| | | . to see - | · · · | | and the second | 2 |
| (2) To | tal returns & net in | creases | | 6927 | 10391 | 4645 |
| 1-1 - | ngelande og kan det skelter som som Sen netter skelter som | | | andre an Andre andre and | - 2012 - 100 | |
| (l) To | tal expenses & net d | ecreases _ | ~ | 3750 | 4877 | 3418 |
| (3) 0r | er. labor earnings (2 |)minus(1) | 1. j. k | 3177 | 5514 | 1227 |
| | 107 • TUPOT CUTHTER (C | · / | | 「「「「「」 | | |

Summary of Farm Earnings (Enterprise Statement), 1941 (A)

- 7 -

(A) 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 labor earnings are the same as those in page 6.

ANALYSIS OF THE REASONS FOR DIFFERENCES IN OPERATOR'S EARNINGS

The operator's labor earnings varied widely among the farmers included in this study. The average labor earnings of those farmers ranking in the upper 20 per cent in the range according to earnings was \$5514 and of those in the lower 20 per cent was \$1227. This is a range of \$4287 between the average earnings of these two groups. Some of the causes for these differences in earnings may be beyond the control of the farmer. However, all of these farmers could make some changes in their farming operations which would increase earnings. A farmer can secure some ideas as to changes that could profitably be made on his farm by studying the facts about his business as presented in this report and comparing his accomplishments with other farmers following the same general type of farming. The more important management factors affecting earnings and their relationships with earnings are presented in the following tables.

| Table 2. Rel | ation of | Crop Yields | to Farm Earn | ings |
|---|------------------|-----------------|-----------------------------|------|
| Per cent crop were of the a for all 197 f | verage | No. of farms | Average ope labor earni: | |
| Group | Average | | | |
| Below 85 85-114 115 and above | 75 100 125 | 39 120 38 | \$2,682 3,069 4,027 | |

High production per acre, up to certain limits, tends to lower the cost per bushel of grain or per ton of hay. Any possible method of management that will increase crop yields and therefore lower cost of production more than the extra expense incurred in securing the higher yields should be given consideration.

| Table 3. R | elation of | Choice of | Crops to Farm | Earnings |
|---|----------------------|----------------|------------------------|----------|
| Per cent of ti | | d No. | ×. | |
| in high return | crops* | oř | Average ope | erator's |
| Group | Average | farms | labor ear | rnings |
| Below 36.0 36.0-44/9 45.0 and above | 31.1 40.2 50.7 | 58 73 66 | \$3061 3081 3386 | |

*Crops are marked on page 14 as (A), (B), (C), and (D). All of acres in (A) crops, one-half of acres in (B) crops, and one-fourth of acres in (C) crops are used in calculating per cent of tillable land in high return crops.

As a rule, on these farms, such crops as alfahfa, clover, canning crops, sugar beets, corn, barley, winter wheat, and flax bring a higher net return per acre than other crops usually grown. Additions can be made to earnings by putting as high a percentage as possible of the tillable land into these higher return crops. Table 4. Relation of Returns From Productive Livestock to Form Bornings 1.5.2.

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| · | | 1 | | arming a | | a hand to see a second | |
|--------------------------|--------------|----------|--------|-------------|------------|------------------------|------------------|
| Index of | returns | for \$10 | 0 feed | No. + | Ave | rage opera | tor's |
| fed to p | roductive | e livest | :ock* | of | lat | or earning | S |
| Group | nation self | rA . | rerage | farms | 5 | | е е едо с с с |
| 14 1 1 1 1 14 1 1 1 1 | | - | | | | | |
| | El tallation | | | 37 | · . | \$2484 | 2.5-4 |
| | tra Sila | | | 120 | | 3268 | |
| 114 and | above | | 126 | <u></u> μο; | ha ta sati | 3546 | |

*The index is weighted by the number of animal units of each class of livestock. The state of states of the state of t

The majority of these farms are dairy farms. However, in addition to the dairy herd there is quite an investment in other classes of productive livestock such as beef cattle, hogs, sheep or poultry. Most or all of the feed raised is fed on the farm and considerable additional feed is purchased. Feed is the major item of cost in livestock production and livestock constitute the major source of income on these farms. Hence there is a marked relationship between returns for \$100 of feed and operator's labor earnings on these farms. There are a number of reasons for differences among farms in livestock returns. High productivity per animal and economy in the use of feed and labor are important. Other factors of considerable importance are kind of feed used, quality of pastures, balance of ration, degree of sanitation, and kind of shelter and equipment. And in the second of the second sec

| P | farm Earnings ductive livestock | |
|----|---|--|
| ur | ts per 100 acres* No. of Average ope | rator's |
| G | up Average labor earni | ngs |
| | | 1747 - 1 I. I. |
| ₿ę | ow 19.0 At 16.2 at 196 50 at 150 at 1885 18875 | |
| l | 0-28.9 23.4 | |
| 29 | O and above 35.3 49 3699 | n na se a companya series na secondaria series de la secondaria de la |
| | and the second states and the second s | <u>ىسىمىڭ ئۆچۈكۈكىك</u> |

an and the set of On some farms the returns from livestock are so low that they do not cover feed and other costs. Such livestock is unprofitable, especially if there is more than enough to utilize what would otherwise be waste feed. If the livestock is yielding a net return, an increased amount of livestock adds to size of business and the opportunity to increase the farm earnings. Livestock produces manure and aids in keeping up the fertility of the land, and utilizes waste products on the farm. Livestock also helps to provide productive employment throughout the year, Any method that aids in utilizing the available resources to full and efficient capacity should add to the farm income.

Table 6. Relation of Size of Business (Work units)

| to Farm Earnings | · |
|---|--|
| Days of productive work No. of Average operator's | and some the second |
| Group Average farms labor earnings | and the second |
| 化碱酸盐酸盐 化乙基乙烯 化过氧化化 化分子子 网络拉拉人名英格兰人姓氏格特拉住所名称来源于古英语含义是 | A de la contra la |
| Below 500 for the 406 starting 41 sector in 1, \$1958 starting | |
| 500–799 630 and en en 115 and an an 3055 and an an 115 and an 3055 and an | a star de la seconda de la s |
| 4800 and above the 1020 to the 41 comparison 4740 dependence 4740 dependenc | |
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Average farm earnings tend to increase with an increase in size of business. For farmers operating their farms at a loss, the larger the volume of business, the larger will be the loss, but a farmer who is making a profit could make a larger profit if he increased his size of business, providing that in so doing he does not lower materially the efficiency in some one or more important branches of his business. Those farmers who have large businesses usually have more flexibility of their organization than does the man with a small business, and can utilize more efficiently and to better advantage available labor, power, machinery and buildings.

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· . . .

| | Table 7. | Relation o | f Amount of V to Farm | Nork Accompl n Earnings | Lished p | er Worker |
|---|------------------------------------|------------|--------------------------|----------------------------|-----------------------|-----------|
| 4 | Work <u>pèr w</u> Group | | No. of e farms | | e operate earnings | or's |
| | Below 250 250-324 325 and ab | 219 286 | цо | \$2 ¹ .3(| | |

More days of productive work accomplished per worker reduces the labor charge per unit of business. Higher labor accomplishment can be secured in several ways. In the first place, the business must be large enough so that there will be at least sufficient work available for the family labor. The farm should be so organized that the labor requirements are well distributed throughout the year. Handling pastures in such a way that as large a proportion as possible of the year's feed for livestock may be obtained from them helps to reduce labor requirements. Proper planning of the farm work and economical use of labor-saving machinery help to increase the work accomplished per worker.

> ાં છે. આ પ્રેસ્ટિંગ પ્રસ્તિત કરવાયાં છે. આ પ્રસ્તિત કરવાયાં છે. કે પ્રસ્તિત કરવાયાં છે. આ પ્રસ્તિત કરવાયાં છે. આ પ્રસ્તિત કરવાયાં પ્રસ્તિત કરવાયાં સમયવાયાં છે. આ પ્રસ્તિત કરવાયાં છે. આ ગામમાં આ ગામમાં આ પ્રસ્તિત પ્રસ્તિત આ આ પ્રસ્તિત કરવાયાં છે. આ ગામમાં આ ગામમાં આવ્યું છે. આ ગામમાં આ ગામમાં આ ગામમાં આ ગામમાં આવ્યું છે. આ ગામમાં આ ગ

Table 8. Relation of Power, Machinery, Equipment and Building Expense to Farm Earnings*

| Expense per work unit | ******* | No. of | Average operator's | |
|--------------------------|---------|--------|--------------------|-----|
| Group | verage | farms | labor earnings | • |
| \$2.20 and above | \$2.68 | 53 | \$2724 | |
| \$1.55-\$2.19 | 1.82 | 79 | 3344 | • |
| Below \$1.55 | 1.27 | 65 | 3344 with a second | • ; |

*Includes building, fencing, all crop machinery and livestock equipment, power, horse feed, and miscellaneous horse expense.

The expense factor does not show as high relationship with earnings when prices are high as when they are low. Some farms are under-equipped. On a few farms, excessive expenses constitute the main factor causing earnings to be very low.

Some of the cash expenses can be kept down by careful management. Often times necessary repairs and improvements can be made by using the available farm labor rather than by hiring extra help. Repairs and overhauling should be done before spring work begins insofar as possible; or on rainy days or in other spare time during the summer. Reducing the number of horses to the minimum required for efficient operation of the farm helps reduce the power expense. In some cases, farmers can offset some or all of the power and machinery expense by using their equipment for outside work.

EFFECT OF WELL BALANCED EFFICIENCY ON FARM PROFITS

It is quite evident from this report that few farmers have a monopoly on efficiency. Quite often farm operators show efficient management in one part of the farm business, which is offset by poor results in other phases. These farmers get medium returns while those who fall down all along the line get the lowest returns, and on the other hand those few who can manage to attain high efficiency in all parts of their organization receive returns well above average. This is well illustrated in Table 9.

| No. of | | s ar see the set | The second s | Average |
|------------------------------------|--------------------|--|--|---------------------------------|
| factors in which farm excels | No. of farms | Your Jarm | The length of the shaded lines are in proportion to the average operator's labor earnings | operator's labor earnings |
| | | | | |
| None | .5 | | XXXXX | \$ 823 |
| Ône | 18 | | XXXXXXXXXXX | |
| Two | 30 | | XXXXXXXXXXXXXX | 2167 |
| Three | <u>44</u> - | | XXXXXXXXXXXXXXXXXX | ,3143 |
| Four | | and the second | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | 3259 |
| Five | 31 | | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | 4176 |
| Six or seven | 14 | x | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | xxx. 5524 |
| • | | | | 1 8 1 B 38 1 |

Table 9. Relation of Operator's Labor Earnings to the Number of Factors in which the Farmer is Above Average

The array in Table 9 indicates that it will be worth while for each cooperator to study carefully his ranking on pages 12 and 13, and learn his standing in respect to each of the above factors and the elements of strength and weakness in his farm business.

| 5 | 1 | | Tandi Shiran Ang Ang Ang | |
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| | ан. 1 | | na n | an the area and an area and an area and an area and an area and area and area and area and area and area and a Marca and area and ar Area and area |
| • | • | | | ante di la confitte des constructions des la cons La politica de la construction de la construction contractivo de constructions |
| ۰. | ₩. | | | A second composition of the second states of the second states of the second states of the second second states of the second sec |

| Measures used | | | Your farm | Average of 197 farms | 39 most profit- able farms | 39 least profit- able farms |
|---|---|---|---|--|--|--|
| Operator's Lab | or Earnings | \$_ | a toman representation and an | \$3,177 | \$5,514 | \$1,227 |
| (1) Crop yield | s* | | د المراجع مع المراجع الم | 100 | 104 | 93 |
| (2) % of tilla | ble land in high re | turn crops**_ | | 41.0 | 41.2 | 41.3 |
| (3) Ret.for \$1 | 00 feed to prod.liv | estock*** | | 100 | 106 | 95 |
| (4) Prod. live | stock units per 100 | acres**** | t in t | 24.6 | 26.3 | 22.6 |
| (5) Size of bu | siness - work units | . . | و ، د ۲۰۰ ۲۰۰۰ کی کرد. مربق میں | 664 | 898 | 526 |
| (6) Work units | per worker | - 14 - 14 - 14 - 14 - 14 - 14 - 14 - 14 | n an | 301 | 341 | 264 |
| (7) Pow., mach. | ,equip.,& bldg.exp. | per work unit \$_ | | \$1.87 | \$1.72 | \$2.21 |
| | eturn for \$100 feed | from - | м ¹ 1 - ¹ 1 - 1 | | | - 1 |
| Dairy ca Dual pur Beef bre Feeder c Hogs Native s | ttle pose cattle eding herd attle heep | from | | 100 100 100 100 100 100 100 | 107 105 115 97 107 92 128 | 94 110 72 74 94 95 |
| Dairy ca Dual pur Beef bre Feeder c Hogs | ttle pose cattle eding herd attle heep | from | | 100 100 100 100 | 105 115 97 107 | 110 72 74 94 |
| Dairy ca Dual pur Beef bre Feeder c Hogs Native s Feeder s Turkeys Chickens (5) Work units | ttle pose cattle eding herd attle heep heep on crops on productive live | | | 100 100 100 100 100 100 100 | 105 115 97 107 92 128 113 | 110 72 74 94 95 76 |
| Dairy ca Dual pur Beef bre Feeder c Hogs Native s Feeder s Turkeys Chickens (5) Work units Work units Other work (6) Total numb Number o | ttle pose cattle eding herd attle heep heep on crops on productive live units | | | 100 100 100 100 100 100 100 100 | 105 115 97 107 92 128 113 101 254 590 | 110 72 74 94 95 - 76 89 136 377 13 |

- 12 -

Sec.

* Given as a percentage of the average. ** Crops are marked on page 14 as (A), (B), (C), and (D). All of acres in (A) crops, one-half of acres in (B) crops, and one-fourth of acres in (C) crops are used in calculating per cent of tillable land in high return crops. *** An index weighted by the animal units of livestock.

**** Acres in timber not pastured, roads, waste, and farmstead were not included.

Thermometer Chart

. . .

Using your figures from page 12 locate your standing with respect to the various measures of farm organization and management efficiency. The averages for the 197 farms included in this summary are located between the dotted lines across the center of this page.

| | | | ینی میں میں میں میں میں میں میں میں میں می | | 1 | | د. • ب • |
|-------------|--------|---------|--|-------|-------------|-------------|--------------|
| Oper. | | | Return | Pr. 1 | • S • | Work | Pow., mach., |
| labor | | High | from pro- | units | | units | eq., & bldg. |
| earn- | Crop | return | ductive | per | 'Work | per | exp. per |
| <u>ings</u> | yields | s crops | livestock | 100 A | <u>unit</u> | s worker | work units |
| \$6400 | 140 | 61.0 | 140 | 40.5 | 1140 = | 460 | \$.70 |
| 6000 | 135 | 58.5 | 135 | 38.5 | 1080 | 440 | •85 |
| 5600 | 130 | 56.0 | 130 | 36.5 | 1020 | ~~~420 E | 1.00 |
| 5200 | 125 | 53.5 | 125 | 34.5 | 960 | 400 | |
| 4800 | 120 | 51.0 | 120 | 32.5 | 900 | 380 | 1.30 |
| 4400 | 115 = | 48.5 | 115 <u>–</u> | 30.5 | 840 | 360 | 1.45 |
| 4000 | | 46.0 | 110 | 28.5 | 780 | 340 | 1.60 |
| 3600 | 105 | 43.5 | 105 | 26.5 | 720 | 320 | 1.75 |
| 3200 - | 100 | 41.0 | 100 | 24.5 | 660 | 300 | 1:87 =- |
| 2800 | 95 | 38.5 | 95 | 22.5 | 600 | 280 | 2.05 |
| 2400 | 90 | 36.0 | 90 | 20.5 | 540 | 260 | 2.20 |
| 2000 - | 85 | 33.5 | 85 | 18.5 | 480 | 240 - | 2.35 |
| 1600 | 80 | 31.0 | 80 - | 16.5 | 420 | 220 | 2.50 |
| 1200 | 75 | 28.5 | 75 | 14.5 | 360 | 200 - | 2.65 |
| 800 - | 70 | 26.0 | 70 | 12.5 | 300 | 180 | 2.80 |
| 400 - | 65 | 23.5 | 65 | 10.5 | 240 | 160 | 2.95 |
| |) | E | F | E | | | |

-13-

Sec.

| Distribution | of Acres | in Farm. | 1941 |
|--------------|----------|----------|------|
| | | | |

| $\frac{\text{Distribution}}{(1 - 1)^{2}}$ | | | | 70 | 70 3 |
|--|----------------|--|---------|-----------|----------|
| Crop: (A) (B) (C) and (D) refer | No. | Your | Average | 39 most | 39 least |
| to ranking used in calculating $\%$ of tillable land in High | growing | farm | of 197 | profit- | profit- |
| | this | | farms | | able |
| Return Crops (see page 12) | crop | * #################################### | | farms | farms |
| Canning peas (A) | 10 | · . | 1 0 | 0.7 | · |
| | 19 Ø1 | | 1.2 | 2.3 | • 7 |
| | 81 | | 5.9 | 9.5 | 5.0 |
| Barley (B) | 113 | ÷ | 12.9 | 11.0 | 8.1 |
| Winter wheat (B) | 56 | | 3.7 | 3.8 | 2.5 |
| Spring wheat (C) | 38 | | 1.4 | 1.8 | 1.6 |
| Oats and barley (C) | 86 | | 13.0 | 21.6 | 6.6 |
| Oats and wheat (C) | 41 | | 3.3 | 4.2 | 3.0 |
| Oats (D) | 141 | ر مارور میروند میروند. دورور میروند | 19.3 | 22.9 | 19.0 |
| Rye (D) | . : 12 | ····· | •7 | 1.8 | •9 |
| Soybeans for grain (D) | 7474 | | 2.5. | 5.1 | 1.0 |
| Miscellaneous (D) | , 17 | | .6 | 1.7 | 4 |
| Total small grain and peas | | · · · | 64.5 | 85.7 | 48.8 |
| Sugar beets, hybrid seed corn, | | · · · · · · · · · · · · · · · · · · · | | | 10.0 |
| potatoes and truck crops (A) | 106 | | 2.2 | 4.6 | 2.2 |
| Sweet corn (B) | 24 | | 1.8 | 2.0 | 1.2 |
| Corn grain (B) | 195 | | 30.5 | 43.7 | 21.3 |
| Corn silage (C) | 161 | | 8.2 | 9.4 | 7.0 |
| Corn fodder (D) | | | •5 | •5 | .4 |
| Total cultivated crops | | | 43,.2 | 60.2 | 32.1 |
| | | | | | |
| Alfalfa hay (A) | 184 | | 18.9 | 24.4 | 16.7 |
| Red clover hay (B) | 49 | | 4.4 | 2.7 | 3.6 |
| Soybean hay (C) | 51 | · | 2.1 | 2.6 | 2.8 |
| Mixed legumes & non-legumes (C) | 52 | | 3.8 | 4.8 | 3.1 |
| Legumes for seed (C) | .4 | | •4 | 0 | 0 |
| Timothy and/or brome (D) | 39 | | 1.8 | 2.9 | •8 |
| Timothy seed (D) | .5 | | •2 | •2 | 0 |
| Other annual hay (D) | 19 | | •8 | 1.7 | .6 |
| Total tillable land in hay | | | 32.4 | 39.3 | 27.6 |
| Alfalfa pasture (A) | 45 | an a | 1.6 | 3.3 | 1.3 |
| Sweet clover pasture (B) | | | 2.9 | 3.3 | 3.2 |
| Mixture inc.lalf., sw.clov., brome(B) | 42 | | 3.3 | 5.4 | 1.7 |
| Other legumes and mixtures (C) | 55 | | 5.5 | 5.6 | 1.8 |
| Sudan grass or rape pasture (C) | 67 | | 2.4 | 3.0 | 3.0 |
| Other tillable pasture (D) | 85 | | 5.9 | 6.3 | 4.0 |
| Total tillable land in pasture | | | 21.6 | 26.9 | 15.0 |
| Tillable land not cropped (D) | 64 | | 3.5 | : 1.9 | 4.6 |
| Total tillable land | | | 165.2 | 214.0 | 128.1 |
| Phalaris hay (non-tillable) | 20 | | | ø | |
| Wild hay (non-tillable) | 71 | | 4.6 | .8 | •7 |
| Non-tillable pasture | 165 | | | 7.6 | |
| Timber (not pasture) | | | 30.4 | 34.0 | 41.6 |
| | 88 | | 9.7 | 6.8 | 12.2 |
| Roads and waste | | 4. 7 - 50 - 50 - 50 - 50 - 50 - 50 - 50 - 5 | 9.7 | 10.7 | 10.1 |
| Farmstead | et e tea de la | | 6.8 | 8.9 | 5.6 |
| Total acres in farm | | 4 | 227.3 | 282.8 | 202.5 |
| % land tillable | | | 73.9 | 77.2 | 67.6 |
| % tillable land in high return crop | s | | 41.0 | 41.2 | 41.3 |
| | | | · | , | ·-•J |

| Crop | Yields | per Acre, | 1941 | 1. T <u>1</u> | · · · · · · · · · · · · · · · · · · · |
|---|---|---|----------------|-----------------------|---------------------------------------|
| | · • | Your farm | Average 197 | 39 most profitable | 39 least profitable |
| Crop | | T CI T 111 | farms | farms | farms |
| на и при страни и Вени и при на | | | | | |
| Canning peas, value above se | ed cost | \$ | \$27.69 | \$25.14 | \$19.78 |
| Flax, bu. | | | 10.7 | 10.6 | 9.1 |
| Barley, bu. | | | 29.0 | 32.6 | 24.8 |
| Winter wheat, bu. | • | | 10.7 | 10.5 | 10.5 |
| Spring wheat, bu. | | | 12.9 | 13.9 | 10.0 |
| Oats and barley, bu. | | i. | 33.8 | 36.2 | 32.3 |
| Oats and wheat, bu. | | 14-15-14-14-14-14-14-14-14-14-14-14-14-14-14- | 26.9 | 22.6 | 29.3 |
| Oats. bu. | | ······································ | 31.5 | 33.8 | 28.2 |
| Rye, bu. | | | 14.7 | 17.1 | 11.4 |
| Soybeans for grain, bu. | | an a | 13.8 | 13.2 | 15.7 |
| | | | | | |
| Sweet corn, tons | 12 1 1 | en e | 2.8 | 2.3 | 2.6 |
| Corn, grain, bu. | | | 57.6 | 57.6 | 56.7 |
| Corn and cane silage, tons | | | 9.9 | 12.0 | 8.8 |
| Corn and cane fodder, tons | | | 3.2 | 2.7 | 2.6 |
| | | - | <i>J</i> | 1 | |
| | | | | | • • |
| Alfalfa hay, tons | | | 2.6 | 2.7 | 2.5 |
| Red clover hay, tons | | | 2.2 | 2.0 | 2.2 |
| Soybean hay, tons | | | 1.5 | 1.5 | 1.6 |
| Mixed legume & non-legume ha | y, tons | | 1.7 | 1.9 | 1.6 |
| Legumes for seed, los. | | | 55.2 | | |
| Timothy and/or brome hay, to | ns | | 1.3 | 1.1 | 1.3 |
| Timothy seed, 1bs. | | | 187.3 | 225.0 | ~ . |
| Other annual hay, tons | | | 1.3 | 1.1 | .7 |
| Phalaris hay on non-tillable | land, t | ons | 1.7 | 1.7 | 1.7 |
| Wild hay, tons | | · · | 1.0. | •9 | • 7 |
| | a ser a s | | Sector Sec | · · · | |

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- 15 -

| Factors of Cost and Returns Your farm | · Average | 34 farms highest in butterfat per cow | 34 farms lowest in butterfat per cow |
|---|---|--|--|
| Pounds of butterfat per cow | 261 | 334 | 185 |
| Feeds per cow, lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein | 768 1247 67 105 | 937 1538 132 193 | 573 969 19 47 |
| Legume hay Other hay Fodder and stover | | 3955 193 104 | 3042 448 537 |
| Total concentrates Total dry roughage Silage | 2187 4361 5974 | 2800 4252 6416 | 1608 4027 5636 |
| Total digestible nutrients* T.D.N. per lb. B. F. % T.D.N. that is protein | 4824 19.0 14.4 | 5355 16.2 15.5 | 4122 22.9 13.6 |
| Feed cost per cow: Concentrates \$ Roughages \$ Pasture \$ TOTAL FEED COSTS \$ | \$21.19 22.58 <u>5.33</u> \$49.10 | \$27.96 23.71 <u>5.17</u> \$56.84 | \$15.03 19.66 <u>5.50</u> \$40.19 |
| Value of produce per cow: B. F. sales \$ Dairy produce used in house Milk to livestock \$ Net increases in value of cows \$ TOTAL VALUE PRODUCED | \$99.28 4.83 13.61 <u>3.03</u> \$120.75 | \$128.77 4.95 16.96 <u>3.72</u> \$154.40 | \$66.19 4.80 11.07 <u>45</u> \$82.51 |
| RETURNS ABOVE FEED COST PER COW \$ | \$71.65 | \$97.56 | \$42.32 |
| RETURNS FOR \$100 OF FEED \$ | \$251 | \$281 | \$215 |
| Price received per 1b. B. F. sold As manufacturing cream (cents) As mkt. mk.&cm.&mk.forcheese(cts.) | | 38.9 52.0 | 38.6 .56.8 |
| Feed cost per 1b. B. F. (cents) | 19.2 | 17.1 | 22.1 |
| % fall freshening | 57.2 | 63.9 | 42.7 |
| Number of cows** | 18.2 | 17.6 | 18.1 |

Factors of Cost and Returns From Dairy Cows, 1941

* Not including nutrients received from pasture.

** All dairy cows which have at some time in the past freshened are included in the dairy herd, and affect the average number of cows used in computing this table. There is some variation in the number of months of dry period per cow; however, this variation is small for the majority of farms.

| Your Avorage 34 farms 31 farms farm of 165 highest in lowest in butterfat lowest in butterfat Teens por cow por cow por cow Eeg and folder 1776 1815 1705 Silage 1776 1815 1705 Whole milk 2132 2132 2056 Skimmilk 1229 1613 1166 Pseed cost per head: 0 5.51 9.00 7.64 Mulk 1229 1613 1166 192 Pasture 1.67 1.63 1.92 TOTAL WEED COSTS \$ 35.54 \$20.03 Net inc. in value of other dairy cattle \$35.54 \$44.53 \$12.32 \$17.61 \$9.20 RETURNS FOR \$100 OP FEED \$ \$166 \$139 \$153 Humber of head of other dairy cattle 18.0 17.6 15.4 Teens 1744 2215 1312 May and folder \$19.51 \$14 farms \$14 farms | | | ILU TIGUULII | 10 T.T | Oll Oll | er Dairy Ca | 10010, 1941 | |
|--|---|---|--|---|----------|---|--|---|
| Concentrates 474 601 384 Hay and fodder 1776 1815 1705 Silage 1232 2132 2152 2056 Whole milk 381 433 304 Skimmilk 1229 1613 1166 Feed cost per head: Concentrates \$.51 9.00 7.64 Mulk 8.51 10.08 5.93 \$.53.1 1.92 Pasture 1.87 1.63 1.92 \$.21.22 \$\$26.60 \$\$20.03 Net inc. in value of other dairy cattle \$\$35.54 \$\$44.21 \$\$29.83 \$\$2.32 \$\$17.61 \$\$9.80 RETURNS FOR \$100 OF FEED \$ \$\$166 \$\$189 \$\$158 Number of head of other dairy cattle 15.0 17.6 15.4 Feed Costs and Returns From All Dairy Cattle Total FEED COSTS #arms \$\$166 \$\$189 \$\$158 Number of head of other dairy cattle 15.0 17.6 15.4 Teede per animal unit. lbs.: Concentrates \$\$1474 2215 1312 | Items | | | | | of 163 | highest in butterfat | lowest in butterfat |
| Concentrates \$ | Concentrates Hay and fodder Silage Whole milk | S.: | | | | 1776 2132 381 | 1815 2182 438 | 1705 2056 304 |
| RETURNS ABOVE FEED COST PER HEAD \$ | Concentrates Roughages Milk Pasture | | | \$ | | 8.51 8.31 1.87 | 9.00 10.08 1.63 | 7.64 6.93 <u>1.92</u> |
| RETURNS FOR \$100 OF FEED \$\$166 \$189 \$158 Number of head of other dairy cattle 18.0 17.6 18.4 Feed Costs and Returns From All Dairy Cattle Your Average 34 farms 34 farms of 168 highest in lowest in butterfat per cow per cow Feed Costs and Returns From All Dairy Cattle Your Average 34 farms 34 farms of 168 highest in lowest in butterfat per cow Items farms 5125 1312 Your Average 200 per cow Feed costs per animal unit. lbs.: 1744 2215 1312 Concentrates 1744 2215 1312 Hay and Todder \$19.51 \$35.15 \$12.25 Soughages 22.33 31.41 18.15 Pasture 5.23 6.85 4.93 TOTAL FEED COSTS \$\$ | Net inc. in value | of other | dairycatt | :le | | \$35.54 | \$44.21 | \$29.83 |
| Number of head of other dairy cattle18.017.618.4Feed Costs and Returns From All Dairy CattleYourAverage farm 3^{14} farms of 168 farms 3^{14} farms butterfat 3^{14} farms butterfatItemsYour farmsAverage of 168 farms 3^{14} farms butterfat 3^{14} farms butterfatItemsYour farmsAverage of 168 farms 3^{14} farms butterfat 3^{14} farms butterfatItemsYour farmsAverage of 168 farms 3^{14} farms butterfat 3^{14} farms butterfatItemsFeeds per animal unit. Concentrates 17^{14} 4 2215 4005 2259 1312 4005 5085Feed cost per animal unit: Concentrates 17^{14} 4 2215 2215 4005 5295 3850 5085Feed cost per animal unit: Dairy products 5_{223} 497 52.74 6.85 493 47.12 4_{12} .13 493.41Value of produce per animal unit: Dairy products 5_{223} 5117.80 522.7^{14} 417.13 552.7^{14} 455.33Value of produce per animal unit: Dairy products 5_{223} 5117.80 522.7^{14} 522.74 76.16 5117.80Returns Above Feed Per Animal UNIT 5_{223} 5237 $$202$ $$223.29$ $$202$ $$202$ | RETURNS ABOVE FEED | COST PER | HEAD | \$ | | \$12.32 | \$17.61 | \$ 9.80 |
| Feed Costs and Returns From All Dairy CattleYourAverage farm34 farms34 farmsItemsfarmof 168 farmshighest in butterfatlowest in butterfatFeeds per animal unit. lbs.: Concentrates Hay and fodder1744 404522151312 4005Silage1744 404522151312 4005Feed cost per animal unit: Concentrates Roughages1744 404522151312 4005Feed cost per animal unit: Concentrates Roughages\$19.51 5235\$35.15 5630\$12.25 5630Feed cost per animal unit: Concentrates Roughages\$19.51 5.23\$35.15 6.85\$12.25 4.93Yalue of produce per animal unit: Dairy products\$ \$117.80\$22.36 \$223.29\$69.80RETURNS ABOVE FEED FER ANIMAL UNIT RETURNS PER \$100 OF FEED\$ \$ \$ \$\$237 \$270\$202 | RETURNS FOR \$100 O | F FEED | ha an tha | \$ | an an th | \$166 | \$189 | \$158 |
| Your farmAverage of 168 farms34 farms highest in butterfat per cowItemsfarmsof 168 farmshighest in butterfat per cowFeeds per animal unit.lbs.:1744 404522151312 4005Concentrates Hay and fodder Silage1744 404522151312 4005Feed cost per animal unit: Concentrates Roughages Pasture TOTAL FEED COSTS\$19.51 \$12.25\$35.15\$12.25 \$12.25Value of produce per animal unit: Dairy products TOTAL VALUE PRODUCED\$\$\$5.64 \$117.80\$147.13 \$223.29\$52.74 \$69.80Ret urnes above feed per Animal unit: Dairy products\$\$\$237 \$117.80\$223.29 \$69.80\$\$34.47RETURNS ABOVE FEED PER ANIMAL UNIT RETURNS PER \$100 OF FEED\$\$\$237 \$227\$270 \$227\$202 | Number of head of | other dai | ry cattle | | | 18.0 | 17.6 | 18.4 |
| Your farmAverage of 168 farms34 farms highest in butterfat per cowItemsfarmsof 168 farmshighest in butterfat per cowFeeds per animal unit. lbs.: Concentrates Hay and fodder Silage1744 40452215 4005 38501312 3850Feed cost per animal unit: Concentrates Roughages Pasture TOTAL FEED COSTS17944 40452215 4005 38501312 3850Value of produce per animal unit: Dairy products TOTAL VALUE PRODUCED\$\$\$25.64 \$117.80\$147.13 \$223.29\$52.74 \$69.80Value of produce per animal unit: Dairy products TOTAL VALUE PRODUCED\$\$\$70.68 \$117.80\$149.88 \$223.29\$34.47RETURNS ABOVE FEED PER ANIMAL UNIT RETURNS PER \$100 OF FEED\$\$\$237 \$227\$270 \$227\$202 | T A A A A A A A A A A A A A A A A A A A | eed Costs | and Retu | rns | From A | 11 Deirv Ce | ttle | |
| Feeds per animal unit. lbs.: 17 ⁴⁴ 2215 1312 Concentrates 4045 4005 3850 Silage. 5295 5630 5085 Feed cost per animal unit: 5295 5630 5085 Concentrates \$19.51 \$35.15 \$12.25 Roughages 22.38 31.41 18.15 Pasture 5.23 6.85 4.93 TOTAL FEED COSTS \$ | | | | | Your | Average of 168 | 34 farms highest in butterfat | lowest in butterfat |
| Concentrates \$\$19.51 \$35.15 \$12.25 Roughages 22.38 31.41 18.15 Pasture 5.23 6.85 4.93 TOTAL FEED COSTS \$\$47.12 \$73.41 \$35.33 Value of produce per animal unit: \$\$47.12 \$73.41 \$35.33 Value of produce per animal unit: \$\$21.6 \$147.13 \$52.74 Dairy products \$\$21.6 \$147.13 \$52.74 Net increase in value of dairy cattle 32.16 76.16 17.06 TOTAL VALUE PRODUCED \$\$117.80 \$223.29 \$69.80 RETURNS ABOVE FEED PER ANIMAL UNIT \$\$227.20 \$202 RETURNS PER \$100 OF FEED \$\$237 \$270 \$202 | Concentrates Hay and fodder | nit. lbs. | • | 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 | | | ······································ | |
| Dairy products \$\$ \$85.64 \$147.13 \$52.74 Net increase in value of dairy cattle 32.16 76.16 17.06 TOTAL VALUE PRODUCED \$\$ \$117.80 \$223.29 \$69.80 RETURNS ABOVE FEED PER ANIMAL UNIT \$\$ \$70.68 \$149.88 \$34.47 RETURNS PER \$100 OF FEED \$\$ \$237 \$270 \$202 | | | | | | 4045 | 4005 | 3850 |
| RETURNS PER \$100 OF FEED \$ \$237 \$270 \$202 | Concentrates Roughages Pasture | • • | | \$ | | 4045 5295 \$19.51 | 4005 5630 \$35.15 31.41 | 3850 5085 \$12.25 18.15 |
| | Concentrates Roughages Pasture TOTAL FEED CO Value of produce p Dairy products Net increase in | OSTS er animal value of | 11 1 21 | \$ \$ \$ \$ \$ | | 4045 5295 \$19.51 22.38 5.23 \$47.12 \$85.64 32.16 | 4005 5630 \$35.15 31.41 <u>6.85</u> \$73.41 \$147.13 <u>76.16</u> | 3850 5085 18.15 <u>4.93</u> \$35.33 \$52.74 <u>17.06</u> |
| Animal units of dairy cattle 27.4 26.9 27.0 | Concentrates Roughages Pasture TOTAL FEED Co Value of produce p Dairy products Net increase in TOTAL VALUE 1 | OSTS er animal value of PRODUCED | dairy cat | \$\$ \$\$ \$\$ \$\$ | | 4045 5295 \$19.51 22.38 <u>5.23</u> \$47.12 \$85.64 <u>32.16</u> \$117.80 | 4005 5630 35.15 31.41 6.85 73.41 \$147.13 76.16 \$223.29 | 3850 5085 \$12.25 18.15 <u>4.93</u> \$35.33 \$52.74 <u>17.06</u> \$69.80 |
| | Concentrates Roughages Pasture TOTAL FEED CO Value of produce p Dairy products Net increase in TOTAL VALUE T RETURNS ABOVE FEED | OSTS er animal value of PRODUCED PER ANIM | dairy cat | \$\$ \$\$ \$\$ \$\$ \$\$ | | 4045 5295 \$19.51 22.38 5.23 \$47.12 \$85.64 32.16 \$117.80 \$70.68 | 4005 5630 \$35.15 31.41 <u>6.85</u> \$73.41 \$147.13 <u>76.16</u> \$223.29 \$149.88 | 3850 5085 \$12.25 18.15 <u>4.93</u> \$35.33 \$52.74 <u>17.06</u> \$69.80 \$34.47 |

Feed Costs and Returns From Other Dairy Cattle, 194

- 17 -

*Several farmers having both a dairy and a beef herd used a beef bull and included all the young stock in the beef herd.

| Items | | Your farm | n Dual Purpo Average of 24 farms | 8 farms highest in butterfat per cow | 8 farms |
|---|--|--|--|---|--|
| Pounds of butterfat per cow | | | 203 | 247 | 157 |
| Feeds per cow, 1bs.: | n an | · · · · · | | 663 |)101 |
| Corn Small grain | an an taon An taona 1990 - An taona An taona 1990 - An taona 1990 - | | - 667 - 936 | 661 1194 | 491 732 |
| Com. feeds - under 25% p | rotein | | - 24 | 42 | 2 |
| Com. feeds - over 25% pr | otein | | 58 | 22 | 179 A |
| Legume hay | 4. L. 11 | | 3148 | 3134 | 3340 |
| Other hay | | | 318 | 131 | 246 |
| Fodder and stover | and the second s | | 344 | 562 | 246 |
| Total concentrates | e 1 - Angele 1 - Angele Harrison, and an 1 - Angele Harrison, and an | المراجع مي المراجع ال ا | 1685 | 1919 | 1304 |
| Total dry roughage | 1994 - | | 3810 | 3827 | 3832 |
| Silage | | | 4179 | 3938 | 4515 |
| Total digestible nutrients* | | 1 | | 4014 | 3687 |
| T.D.N. per 1b. B. F. | | ************************************** | 19.9 | 16.3 | 23.9 |
| % T.D.N. that is protein | | an an an an an a' | 14.2 | 13.9 | 15.0 |
| Feed cost per cow: | • | and the second | n ging geboor ing Alamang ng hita antarit ang | | and the second |
| Concentrates | production de la construcción de la co | \$ | \$15.72 | \$17.64 | \$13.06 |
| Roughages | | | - 18.29 | 17.62 | 19.27 |
| Pasture TOTAL FEED COSTS | And any first second second Second second second Second second second Second second second Second second secon | \$ | <u> </u> | <u> </u> | <u> </u> |
| | | | | - | - · · · |
| Value of produce per cow: B. F. sales | | \$ | \$68.82 | \$81.93 | \$53.62 |
| Dairy produce used in ho | use | * | 5.65 | | 3.78 |
| Milk to livestock | | · · · · · · · · · · · · · · · · · · · | 14.75 | 20.35 | 10.34 |
| Net increases in value o: | f cows | | 2.29 | 93 | 2.64 |
| TOTAL VALUE PRODUCED | | \$ | \$91.51 | \$108.55 | \$70.38 |
| RETURNS ABOVE FEED COST PER | COW | \$ | 52.01 | 67.99 | 32.71 |
| RETURNS FOR \$100 OF FEED | | \$ ************************************ | \$237 | \$267 | \$199 |
| | | | | n sa kana ka ka Si sa na | |
| Price received per 1b. B. F As manufacturing cream (| | | Z.Ø | 7 | 30.2 |
| As mkt. mk.&cm.&mk.for | | s <u>.)</u> | 55,0 | 55.0 | 27.6 |
| Feed cost per 1b. B. F. (cer | nts) | ti i i i i i i i i i i i i i i i i i i | 20.1 | 55.0 16.5 | 24.3 |
| | | 19 - ¹ | | | |
| % fall freshening | | مېرىكى يې د مېرىكى . «مېرىكى يې يې د | | 65.4 | |
| Number of cows | | *** | 15.6 | 14.3 | 16.2 |
| *Not including nutrients re- | ceived fro | m pastur | Э. | | |
| | | | | | -1 · · · |

• • .

| Feed Costs and | Returns | From O | ther Dual | Purpose Ca | attle, 1941 | |
|--|---|-----------------------|---|--|--|--|
| | ······································ | | Your | Average | 8 Farms | 8 Farms |
| | | | farm | of 24 | highest in | lowest in |
| n na sana a sa | ·· · · · | ante a conserva a | A sea and a sea a | farms | returns | returns |
| Items | | | | | . above feed | above feed |
| | | | | 4. 4. 4 | | |
| Feeds per head, 1bs.: | | 5 e | | | _ | · · · |
| Concentrates | · · · · · | · · · · · · | | 635 | 638 | 730 |
| Hay and fodder | | | | 1334 | 1443 | 1383 |
| Silage | | | | 1507 | 1068 | 1668 |
| Whole milk | | | | 242 | 156 | - 224 |
| Skimmilk | · • | · | · | 1310 | 1348 | 1417 |
| | | | | 2 | | and the second |
| Feed cost per head: | | | | ÷ | the states of th | : .• ·· . |
| Concentrates | | | š. \$ | \$5.95 | \$5.91 | \$7.01 |
| Roughages | • | | | 6.17 | 6.07 | 6.86 |
| Milk | | | | 6.73 | 5.18 | 6.88 |
| Pasture | | and the second second | · · · · · · · · · · · · · · · · · · · | 1.88 | 2.10 | 1.72 |
| TOTAL FEED COSTS | ; | a Maria di A | \$ | \$20.73 | \$19.26 | \$22,47 |
| TOTAN TEPP COOLD | | المراجع معراف | · • | φ20.19 | ΨΤΫ•ϹΟ | ψωμ 6 + 1 |
| Net increase in value | | | | \$32.59 | \$41.93 | \$22.95 |
| RETURNS ABOVE FEED COS | T PER HE | IAD | \$ | \$11.86 | \$22,67 | \$.48 |
| RETURNS FOR \$100 OF FE | led | ere e spec | \$ | \$164 | \$228 | \$103 |
| | | | | | | 5 a |
| Ni | | 4 44 M - 5 L | | י לח | nd d | <u></u> |
| Number of head | | | | 23.1 | 18.8 | 21.3 |
| Number of head | | | Parameter a statementer | 23.1 | 18.8 | 21.3 |
| | and Ret | urns Fr | om A11 Du: | | | 21.3 |
| | and Ret | urns Fr | Your | al Purpose Average | Cattle 8 Farms | 8 Farms |
| | and Ret | urns Fr | | al Purpose Average of 2 ¹ 4 | Cattle 8 Farms highest in | 8 Farms lowest in |
| | and Ret | urns Fr | Your | al Purpose Average | Cattle 8 Farms | 8 Farms |
| | and Ret | urns Fr | Your | al Purpose Average of 2 ¹ 4 | Cattle 8 Farms highest in | 8 Farms lowest in returns |
| Feed Costs | and Ret | urns Fr | Your | al Purpose Average of 2 ¹ 4 | Cattle 8 Farms highest in returns | 8 Farms lowest in returns |
| Feed Costs | | urns Fr | Your | al Purpose Average of 2 ¹ 4 | Cattle 8 Farms highest in returns | 8 Farms lowest in returns |
| Feed Costs Items Feeds per animal unit, | | urns Fr | Your | al Purpose Average of 2 ¹ farms | Cattle 8 Farms highest in returns above feed | 8 Farms lowest in returns above feed |
| Feed Costs Items Feeds per animal unit, Concentrates | | urns Fr | Your | al Purpose Average of 2 ¹ farms 1 ¹ 476 | Cattle 8 Farms highest in returns above feed 1452 | 8 Farms lowest in returns above feed |
| Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder | | urns Fr | Your | al Purpose Average of 2 ¹ farms 1 ¹ 476 3270 | Cattle 8 Farms highest in returns above feed 1452 3374 | 8 Farms lowest in returns above feed 1407 3477 |
| Feed Costs Items Feeds per animal unit, Concentrates | | urns Fr | Your | al Purpose Average of 2 ¹ farms 1 ¹ 476 | Cattle 8 Farms highest in returns above feed 1452 | 8 Farms lowest in returns above feed |
| Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder | 10s.: | urns Fr | Your | al Purpose Average of 2 ¹ farms 1 ¹ 476 3270 | Cattle 8 Farms highest in returns above feed 1452 3374 | 8 Farms lowest in returns above feed 1407 3477 |
| Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage | 10s.: | urns Fr | Your | al Purpose Average of 24 farms 1476 3270 3646 | Cattle 8 Farms highest in returns above feed 1452 3374 3040 | 8 Farms lowest in returns above feed 1407 3477 5266 |
| Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates | 10s.: | urns Fr | Your | al Purpose Average of 24 farms 1476 3270 3646 \$13.79 | Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 | 8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 |
| Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages | 10s.: | urns Fr | Your | al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 | Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 | 8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 |
| Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture | lbs.: mit: | urns Fr | Your | al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 | Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 4.59 | 8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 |
| Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages | lbs.: mit: | urns Fr | Your | al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 | Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 | 8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 |
| Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a | lbs.: nit: nimal un | | Your | al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 | Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 4.59 | 8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 |
| Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a | lbs.: mit: | | Your | al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 \$34.01 | Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 <u>4.59</u> \$32.09 | 8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 4.59 \$37.15 |
| Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a Dairy products | lbs.: nit: nimal un | | Your | al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 \$34.01 | Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 <u>4.59</u> \$32.09 | 8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 4.59 \$37.15 \$42.31 |
| Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a Dairy products Net increase in val | lbs.: nit: mimal un | | Your | al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 \$34.01 | Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 <u>4.59</u> \$32.09 | 8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 4.59 \$37.15 \$42.31 |
| Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a Dairy products Net increase in val TOTAL VALUE PROD | lbs.: nit: nimal un uced | 1 | Your | al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 \$34.01 \$49.32 23.86 \$73.18 | Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 4.59 \$32.09 \$55.64 32.54 \$85.18 | 8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 4.59 \$37.15 \$42.31 18.58 \$60.89 |
| Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a Dairy products Net increase in val | lbs.: nit: nimal un uced | 1 | Your | al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 \$34.01 | Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 <u>4.59</u> \$32.09 | 8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 4.59 \$37.15 \$42.31 |
| Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a Dairy products Net increase in val TOTAL VALUE PROD RETURNS ABOVE FEED PER | lbs.: nit: nimal un uced ANIMAL | 1 | Your farm \$_ \$ | al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 \$34.01 \$49.32 23.86 \$73.18 \$39.17 | Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 4.59 \$32.09 \$55.64 32.54 \$88.18 \$56.09 | 8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 4.59 \$37.15 \$42.31 18.58 \$60.89 \$23.74 |
| Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a Dairy products Net increase in val TOTAL VALUE PROD | lbs.: nit: nimal un uced ANIMAL | 1 | Your | al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 \$34.01 \$49.32 23.86 \$73.18 \$39.17 | Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 4.59 \$32.09 \$55.64 32.54 \$88.18 \$56.09 | 8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 4.59 \$37.15 \$42.31 18.58 \$60.89 \$23.74 |
| Feed Costs Items Feeds per animal unit, Concentrates Hay and fodder Silage Feed cost per animal u Concentrates Roughages Pasture TOTAL FEED COSTS Value of produce per a Dairy products Net increase in val TOTAL VALUE PROD RETURNS ABOVE FEED PER | lbs.: nit: nimal un uced ANIMAL | 1 | Your farm \$_ \$ | al Purpose Average of 24 farms 1476 3270 3646 \$13.79 15.54 4.68 \$34.01 \$49.32 23.86 \$73.18 \$39.17 | Cattle 8 Farms highest in returns above feed 1452 3374 3040 \$13.22 14.28 4.59 \$32.09 \$55.64 32.54 \$55.64 32.54 \$56.09 \$278 | 8 Farms lowest in returns above feed 1407 3477 5266 \$13.98 18.58 4.59 \$37.15 \$42.31 18.58 \$60.89 \$23.74 |

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| Your farm Items | eef Cattle Average of all farms | Farms highest in returns above feed | returns |
|--|---|---|--|
| Beef breeding herd: no. of farms: | 18. | 9 | . g |
| Feeds per animal unit, lbs.: | | | |
| Concentrates | 1138 | 1387 | 889 |
| Legume hay | 1646 | 1317 | 1975 |
| Other hay | 860 | 339 | 1381 |
| Fodder and stover | 398 | 479 | 316 |
| Silage | 2812 | 3073 | 2551 |
| Skimmilk* | 86 | 87 | 85 |
| Wholemilk* | 45 | 49 | 41 |
| Feed cost per animal unit: | ¢10 57 | ¢10.70 | ¢a 70 |
| Concentrates \$\$ | \$10.57 | \$12.38 | \$8.76 14.02 |
| Milk* | 11.97 .97 | 9 • 93 • 95 | •98 |
| Pasture | 6.43 | 5.70 ···· | • 90 |
| TOTAL FEED COSTS | \$29.94 | \$28.96 | \$30.91 |
| Value of produce per animal unit: | <i>+~</i> | 440.00 | ÷ (|
| Dairy products \$ | \$ 1.61 | \$ 2.40 | \$.81 |
| Net increase in value of animals | 46.89 | 65.02 | 28.76 |
| TOTAL VALUE PRODUCED \$ | \$48.50 | \$67.42 | \$29.57 |
| RETURNS ABOVE FEED COST PER ANIMAL UNIT \$ | \$18.56 | \$38.46 | -1.34 |
| RETURNS FOR \$100 OF FEED \$ | \$179 | \$241 | \$96 |
| Number of cows and herd bulls | 13.0 | 9.3 | 16.7 |
| | | | |
| Number of Animal Units in the Herd | 27.7 | 26.2 | 29.1 |
| Number of Animal Units in the Herd | 27.7 | | 29.1 |
| | | | 29.1 |
| Feeder cattle: no. of farms: | 33 | 26.2 11 | 11 |
| | | 26.2 11 464 | 11 78 ¹ |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain | 33 632 132 | 26.2 11 464 126 | 11 784 167 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn | 33 632 132 11 | 26.2 11 464 126 3 | 11 784 167 27 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain | 33 632 132 11 24 | 26.2 11 464 126 3 20 | 11 784 167 27 31 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay | 33 632 132 11 24 214 | 26.2 11 464 126 3 20 177 | 11 784 167 27 31 249 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay Other hay | 33 632 132 11 24 214 214 81 | 26.2 11 464 126 3 20 177 89 | 11 784 167 27 31 249 81 |
| Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay | 33 632 132 11 24 214 | 26.2 11 464 126 3 20 177 | 11 784 167 27 31 249 81 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay Other hay Fodder and stover | 33 632 132 11 24 214 81 37 | 26.2 11 464 126 3 20 177 89 20 | 11 784 167 27 31 249 81 82 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay Other hay Fodder and stover Total concentrates | 33 632 132 11 24 214 81 37 799 | 26.2 11 464 126 3 20 177 89 20 613 | 11 784 167 27 31 249 81 82 1009 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay Other hay Fodder and stover Total concentrates Total dry roughages | 33 632 132 11 24 214 81 37 799 | 26.2 11 464 126 3 20 177 89 20 | 11 784 167 27 31 249 81 82 1009 412 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay Other hay Fodder and stover Total concentrates Total dry roughages Silage | 33 632 132 11 24 214 81 37 799 332 | 26.2 11 464 126 3 20 177 89 20 613 286 | 11 784 167 27 31 249 81 82 1009 412 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay Other hay Fodder and stover Total concentrates Total dry roughages | 33 632 132 11 24 214 81 37 799 332 514 \$7.32 | 26.2 11 464 126 3 20 177 &9 20 613 286 500 \$5.67 | 11 784 167 27 31 249 81 82 1009 412 576 \$9.31 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay Other hay Fodder and stover Total concentrates Total dry roughages Silage Feed cost per cwt. beef produced: Concentrates | 33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61 | 26.2 11 464 126 3 20 177 &9 20 613 286 500 \$5.67 1.48 | 11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay Other hay Fodder and stover Total concentrates Total dry roughages Silage Feed cost per cwt. beef produced: Concentrates Roughages Pasture | 33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61 | 26.2 11 464 126 3 20 177 &9 20 613 286 500 \$5.67 1.48 | 11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay Other hay Fodder and stover Total concentrates Total dry roughages Silage Feed cost per cwt. beef produced: Concentrates Roughages | 33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61 | 26.2 11 464 126 3 20 177 &9 20 613 286 500 \$5.67 | 11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay Other hay Fodder and stover Total concentrates Total dry roughages Silage Feed cost per cwt. beef produced: Concentrates Roughages Pasture | 33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61 | 26.2 11 464 126 3 20 177 89 20 613 286 500 \$5.67 1.48 .16 \$7.31 | 11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85 .12 \$11.28 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay Other hay Fodder and stover Total concentrates Total dry roughages Silage Feed cost per cwt. beef produced: Concentrates Roughages Pasture TOTAL FEED COSTS % | 33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61 .16 \$9.09 \$13.07 | 26.2 11 464 126 3 20 177 \$9 20 613 286 500 \$5.67 1.48 .16 \$7.31 \$15.42 | 11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85 .12 \$11.28 \$10.59 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay Other hay Fodder and stover Total concentrates Total dry roughages Silage Feed cost per cwt. beef produced: Concentrates Roughages Pasture TOTAL FEED COSTS % Net increase in value of feeders % RETURNS ABOVE FEED COST PER CWT. BEEF PRODUCED | 33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61 .16 \$9.09 \$13.07 \$3.98 | 26.2 11 464 126 3 20 177 &9 20 613 286 500 \$5.67 1.48 <u>.16</u> \$7.31 \$15.42 \$8.11 | 11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85 .12 \$11.28 \$10.59 \$69 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay Other hay Fodder and stover Total concentrates Total dry roughages Silage Feed cost per cwt. beef produced: Concentrates Roughages Pasture TOTAL FEED COSTS % | 33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61 .16 \$9.09 \$13.07 \$3.98 \$157 | 26.2 11 464 126 3 20 177 \$9 20 613 286 500 \$5.67 1.48 .16 \$7.31 \$15.42 \$8.11 \$217 | 11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85 .12 \$11.28 \$10.59 \$69 \$97 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay Other hay Fodder and stover Total concentrates Total dry roughages Silage Feed cost per cwt. beef produced: Concentrates Roughages Pasture TOTAL FEED COSTS Ret increase in value of feeders \$ RetURNS ABOVE FEED COST PER CWT. BEEF PRODUCED RETURNS FOR \$100 OF FEED \$ Price received per cwt. beef sold in 1941 \$ | 33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61 .16 \$9.09 \$13.07 \$3.98 \$157 \$9.72 | 26.2 11 464 126 3 20 177 \$9 20 613 286 500 \$5.67 1.48 <u>.16</u> \$7.31 \$15.42 \$8.11 \$217 \$9.29 | 11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85 .12 \$11.28 \$10.59 \$69 \$9.77 |
| Feeder cattle! no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay Other hay Fodder and stover Total concentrates Total dry roughages Silage Feed cost per cwt. beef produced: Concentrates Roughages Pasture TOTAL FEED COSTS % Net increase in value of feeders % RETURNS ABOVE FEED COST PER CWT. BEEF PRODUCED RETURNS FOR \$100 OF FEED | 33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61 .16 \$9.09 \$13.07 \$3.98 \$157 \$9.72 \$9.80 | 26.2 11 464 126 3 20 177 \$9 20 613 286 500 \$5.67 1.48 .16 \$7.31 \$15.42 \$8.11 \$217 \$9.29 \$8.64 | 11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85 .12 \$11.28 \$10.59 \$69 \$97 \$9.77 \$11.01 |
| Feeder cattle: no. of farms: Feeds per cwt. beef produced. lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein Legume hay Other hay Fodder and stover Total concentrates Total dry roughages Silage Feed cost per cwt. beef produced: Concentrates Roughages Pasture TOTAL FEED COSTS S Ret increase in value of feeders \$ RETURNS ABOVE FEED COST PER CWT. BEEF PRODUCED RETURNS FOR \$100 OF FEED \$ Price received per cwt. beef sold in 1941 \$ | 33 632 132 11 24 214 81 37 799 332 514 \$7.32 1.61 .16 \$9.09 \$13.07 \$3.98 \$157 \$9.72 | 26.2 11 464 126 3 20 177 \$9 20 613 286 500 \$5.67 1.48 <u>.16</u> \$7.31 \$15.42 \$8.11 \$217 \$9.29 | 11 784 167 27 31 249 81 82 1009 412 576 \$9.31 1.85 .12 \$11.28 \$10.59 \$69 \$9.77 |

*A few farmers had both dairy or dual-purpose cows and beef cows and fed c erable amounts of milk produced by the milking herd to beef calves.

- 20 -

| Feed Costs and Returns from Sn Your farm | Average of all farms | | Farms lowest in returns above feed |
|--|--|---|--|
| Native sheep: no. of farms: | 61 | 12 | 12 |
| Feeds per head, * 1bs.: | | ala antai yana kana kana kana kana kana kana kana | |
| Concentrates Legume hay Other hay Fodder and stover Silage | 68 189 22 35 122 | 70 192 8 61 106 | 91 236 19 0 137 |
| Feed cost per head: | <u>م</u> ا | 1 . | 4 |
| Concentrates \$ Roughages \$ Pasture \$ TOTAL FEED COSTS \$ | \$.62 .95 <u>1.00</u> \$2.57 | \$.68 .93 <u>1.04</u> \$2.65 | \$.80 1.12 <u>.98</u> \$2.90 |
| | 2 . | | |
| Value of produce per head: Wool \$ Net increase in value of sheep \$ TOTAL VALUE PRODUCED \$ | \$2.97 5.08 \$8.05 | \$3.40 <u>8.24</u> \$11.64 | \$3.12 <u>1.78</u> \$4.90 |
| RETURNS ABOVE FEED COST PER HEAD \$ | \$5.48 | \$8.99 | \$2.00 |
| RETURNS FOR \$100 OF FEED \$ | \$340 | \$467 | \$196 |
| Value per lamb sold \$ Price per lb. wool sold (cts.) Pounds of wool per sheep sheared Number of ewes kept for lambing % lamb crop % death loss | \$8.72 40.4 8.8 33.0 105.0 16.4 | \$9.74 41.0 9.1 27.4 113.4 12.5 | \$8.11 39.8 8.5 19.2 101.0 21.5 |
| No. of head of sheep* | 49.6 | 42.1 | 29.3 |
| Feeder sheep: no. of farms | 5 | • • • • • • • • • • • • • • • • • • • | |
| Feeder sheep: No. of faims Feeds per cwt. sheep produced, lbs.: | 853 256 20 105 0 | | |
| Feed cost per head: Concentrates \$ Roughages \$ Pasture \$ TOTAL FEED COSTS \$ | \$7.71 1.10 <u>.57</u> \$9.38 | s San 1,5 18 San San San San San San San San San San San San San San | |
| Net increase in value of sheep \$\$ | \$14.66 | | |
| RETURNS ABOVE FEED COST PER CWT. PRODUCED \$ | \$5.28 | | |
| RETURNS FOR \$100 OF FEED \$ Price per cwt. sheep sold in 1941 \$ Price per cwt. sheep purchased in 1941 \$ % death loss Pounds of sheep produced | \$178 \$10.76 9.68 2.6 3293 | | |

- 21 -Feed Costs and Returns from Sheep, 1941

*Two lambs under 6 mo. of age considered as one head.

| Feed Costs and Returns From Hog Your farm | Average | Farms highest in returns | Farms lowest in returns above feed |
|--|---|---|---|
| Hogs: no. of farms: | 190 | 38 | 38 |
| Feed per cwt. hogs produced, lbs.: Corn Small grain Com. feeds - under 25% protein Com. feeds - over 25% protein | 313 ; 138 3 14 | 244 116 4 12 | 412 186 4 17 |
| Total concentrates | 468 262 | 376 209 | 619 306 |
| Feed cost per cwt. hogs produced: Concentrates \$ | \$ 4.54 .47 .16 \$ 5.17 \$10.58 | \$ 3.63 .38 .12 \$ 4.13 \$11.08 | \$ 6.04 •55 <u>21</u> \$ 6.80 \$10.38 |
| RETURNS ABOVE FEED COST PER CWT. HOGS PROD. \$ | \$ 5.41 | \$ 6.95 | \$ 3.58 |
| RETURNS FOR \$100 OF FEED \$ Price received per cwt. hogs sold \$ | \$215 \$9.20 | \$277 \$9•35 | \$156 \$9 . 17 |
| Total no. of litters raised No. of pigs weaned per litter % of two-litter system Pounds of hogs produced | 14.3 6.3 52.9 20,974 | 14.2 6.4 53.9 20,949 | 12.1 5.9 50.8 16,669 |
| Chickens: no. of farms: | | 36 | 36 |
| Feed per hen, lbs.: Grain Commercial feeds Total concentrates Skimmilk and buttermilk | $ \begin{array}{c} 104 \\ 28 \\ 132 \\ 26 \end{array} $ | 117 <u>37</u> 154 34 | 100 23 123 18 |
| Feed cost per hen: Concentrates \$\$ Skimmilk TOTAL FEED COST \$\$ | \$ 1.74 .06 \$ 1.80 | \$ 2.02 <u>.08</u> \$ 2.10 | |
| Value of produce per hen: Eggs sold and used in house \$ Net increase in value of chickens TOTAL VALUE PRODUCED \$ | \$ 2.59 .87 \$ 3.46 | \$ 3.19 2.05 \$ 5.24 | \$ 1.79 <u>.23</u> \$ 2.02 |
| RETURNS ABOVE FEED COST PER HEN | \$ 1.66 | \$ 3.14 | \$.35 |
| RETURNS FOR \$100 OF FEED \$ Price rec'd per doz. eggs sold Eggs laid per hen No. of hens % of hens that are pullets | \$ 197 22.0 142 218 81 | \$262 23.2 168 192 87 | \$ 129 20.7 104 192 70 |

Feed Costs and Returns From Hogs and Chickens, 1941

| Feed Costs and Retu Items | Your farm | | 9 Farms highest : returns | 9 Farms in lowest in returns ed above feed |
|--|---------------------------|--|--|--|
| Feed per cwt. turkeys produced, lbs.: Grain Com. feeds - under 25% protein Com. feeds - over 25% protein | | - 381 52 155 | 404 53 129 | 358 53 180 |
| Total concentrates Skimmilk | | 588 74 | 586 59 | 591 90 |
| Feed cost per cwt. turkeys produced | \$ | \$9.33 | \$9.04 | \$9.62 |
| Value of produce per cwt. turkeys pro Eggs and poults Net increases in turkeys TOTAL VALUE PRODUCED | d. \$ \$ | \$1.62 <u>18.43</u> \$20.05 | \$3.06 <u>19.61</u> \$22.67 | \$.18 <u>17.25</u> \$17.43 |
| RETURNS ABOVE FEED COST PER CWT. TURKEYS PRODUCED | \$ | \$10.72 | \$13.63 | \$7.81 |
| RETURNS FOR \$100 FEED | \$ | \$219 | \$253 | \$185 |
| Price rec'd per 1b. turkey sold (cts. |) | 20.6 | 21.1 | 20.1 |
| Pounds of turkeys produced | | 19,819 | 27,014 | 12,625 |
| Feed Costs for Horses and Misc. Items | Power and Your farm | Machinery Average of 195 farms | | 1941 39 least profit- able farms |
| Feed per horse; lbs.: Grain Hay Fodder and stover Feed costs per horse: | | 1855 4628 472 | 1925 5035 372 | 1761 3707 474 |
| Grain Roughage Pasture TOTAL FEED COSTS | \$ \$ | \$17.17 14.54 <u>3.78</u> \$35.49 | \$17.52 16.23 <u>3.06</u> \$36.81 | \$16.36 12.58 <u>4.55</u> \$33.49 |
| Number of work horses Number of colts Crop acres per farm Fractor and horse exp. per crop acre Crop and general mach. exp. per cropa | | 4.1 .9 147.4 \$2.83 1.33 | 4.6 .9 202.6 \$2.79 1.28 | 3.7 .9 113.4 \$3.12 1.54 |
| | | ······································ | د این بیدارید. این ایمان دارد میکند. ا | n and a more may are say, that a second and and assessed |

- 23 -Feed Costs and Returns for Turkeys, 1941

*Two colts equal one horse.

| T3 | Des a dis a s | 77 | ÷ | TTabalaa | | Unnan | Dor+-1 | 1011 |
|------|---------------|-------|----|----------|-----|-------|---------|------|
| rarm | Produce | usea. | ln | nouse | anu | nouse | nenoar, | 1741 |

- 24 -

| Your farm | Average 197 farms | | 39 least profit- able farms | ; Your farm | Average 197 farms | 39 most profit- able farms | 39 least profit able farms |
|---|--|---|---|----------------|--|---|---|
| No. of persons (Family | 3.1 | 3.6 | 2.8 | | | | |
| adult equiv.(Other* | •9 | 1.0 | •8 | | 2000 - 100 - | 1 | |
| Wholemilk Skimmilk Cream Farm made butter Eggs Cattle Hogs Sheep Poultry Potatoes Vegetables & fruits Farm fuel Rental vl. of house Misc.(wool,honey, etc) | 1230 qts 208 qts 254 pts 1 lb. 205 doz 296 lbs 541 lbs 2 lbs 150 lbs 26 bu. - 7 cds | 201 296 2. 297 3. 352 3. 666 3. 4 3. 123 35 - | 1203 84 208 - 173 260 393 2 163 19 - 8 | \$ | \$ 43.94 .82 31.58 .27 42.55 22.19 46.12 .16 19.65 15.63 36.07 34.15 211.84 .10 | .77 35.57 .06 51.30 28.47 58.37 .37 18.43 21.47 40.55 33.14 | .49 26.86 .08 35.83 17.07 32.31 .17 21.16 12.24 36.06 39.96 |
| Total | • • • | | | | \$505.07 | \$604.95 | \$454.40 |

Household and Personal Expenses For.

as, loui

| Those Farms Which Kept Complete Accounts o | f these Expenses, | 1941 |
|---|--|----------------------------------|
| Your farn " | Average 26 most of 131 profit- | 26 least profit- |
| Items | farms able <u>farms</u> | able farms |
| Number of persons - family | . 4.2 5.1 | .3.4 |
| Number of persons, (Family | 3.2 3.8 .9 1.2 | 2.6 |
| Food and meals bought \$ | $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | 31 67 |
| Total household and personal cash expenses | 1,465 1,943 | 1,227 |
| Food furnished by the farm Fuel furnished by the farm House rental Total household and personal expenses | $\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$ | 241 4g <u>169</u> 1,685 |

*Hired help or others boarded.

| <u>M</u> | <u>lscellane</u> | eous Info | rmation - A | veraged by | <u>y Counties,</u> | 1941 | | | | |
|---|------------------|-----------------|-------------|------------|--------------------|---------------|----------|----------|----------|---|
| | Dodge | | | · · | Olmsted | Scott Rice | | Waseca | | |
| | and - | Free- | Good- | Nicol- | and | and | | and | Winner | |
| Item | Mower | born | hue | let | Wabasha | Dakota | Steele | LeSueur | | |
| Operator's labor earnings | | \$ 3,084 | \$ 3,036 | \$ 2,676 | \$ 2,698 | \$ 2,643 | \$ 3,969 | \$ 3,657 | \$ 3,493 | |
| Av. farm inventory - Jan.1, 1941 | 23,734 | 23,264 | 22,266 | 23,769 | 21,677 | 21,367 | 24,793 | 25,742 | 24,561 | |
| Total acres in farm | 233 | 227 | 231 | 228 | 223 | 198 | 220 | 225 | 275 | |
| Total crop acres | 159 | 164 | 146 | 159 | 133 | .151 | 138 | 147 | 164 | |
| % of land tillable | 85 | 74 | 76 | 75 | 74 | 70 | 71 | .71 | 73 | |
| Animal units of productive livestock | 48.3 | 52.3 | 39.2 | 44.9 | 47.8 | 40.2 | 47.6 | 51.7 | 53.7 | |
| % of animal units that are: | | | | | | | | | | |
| Dairy & dual purpose cows | 38.4 | 41.8 | 45.7 | 37.0 | 37.7 | 43.3 | 40.4 | 34.9 | 42.6 | |
| Other dual purpose and dairy cattle | e 22.5 | 20.3 | 21.8 | 21.4 | 20.2 | 20.0 | 21.1 | . 19.4 | 23.9 | |
| Beef breeding herd | 2.0 | 4.1 | 2.3 | 4.0 | 10.0 | 4.4 | 2.9 | •7 | Ō | |
| Feeder cattle | 4.0 | 3.8 | 1.9 | 5.7 | 3.4 | .5.6 | 1.5 | 5.9 | 4.7 | |
| Farm flock of sheep | 4.8 | 4.2 | 7.1 | 1.1 | 4.3 | 2.7 | 4.3 | 5.4 | 7.8 | |
| Feeder sheep | 4.5 | · · O ; | 0 | Q. | 0 | , C | • O | .1 | 0 | 1 |
| Hogs and the space | 18.9 | 21.0 | 12.4 | 25.9 | 18,4 | 14.5 | 23.1 | 23.2 | 12.8 | ß |
| Tarkeys | .6 | · 0. | 1.9 | O O | 2.8 | 5.0 | | 5.5 | 5.2 | I |
| Hens | 4.3 | 4.8 | 6.9 | 4.9 | 3.2 | .4.5 | .6.2 | 4.9 | 3.0 | |
| Crop yields, % of average | 104 | 89 | 101 | 89 | 101 | 100 | 112 | 105 | 106 | |
| % of till. land in high return crops | 36.7 | 37.9 | 45.3 | 38.1 | 38.7 | 44.7 | 41.8 | 45.0 | 40.6 | |
| Index of ret. for \$100 feed to prod.live | stock 106 | 100 | 106 | 83 | 103 | 109 | 102 | 99 | 102 | |
| Productive livestock units per 100 A, | , 22.8 | 27.0 | 20.5 | 22.8 | 25.8 | 23.8 | 25.2 | 26.4 | 25.7 | |
| Work units | 686 | 724 | 646 | 640 | 615 | 589 | 675 | 705 | 732 | |
| Work units per worker | 329 | 359 | 272 | 284 | 323 | 260 | 291 | 311 | 294 | |
| Expenses per work unit | \$1.68 | \$1.57 | \$1.89 | \$1.73 | \$1.92 | \$2,18 | \$1,82 | \$2.04 | \$1,91 | |
| Price received per: | | | | | | | x | ал. С | | |
| Lb. butterfat sold to creameries (ct | s.)38.7 | 39.1 | 38.2 | 38.5 | 39.0 | 38.6 | 39.3 | 38.1 | 38.2 | |
| Cwt. hogs sold | \$9.37 | \$9.39 | \$9.04 | \$9.13 | \$9.19 | \$9.01 | \$9.46 | \$9.06 | \$9.30 | |
| Doz. eggs sold (cts.) | 22.0 | 22,2 | 22.0 | 21,1 | 21.4 | 21.5 | | 22.9 | 22.6 | |
| Tield per acre, corn for grain, bu. | 57.7 | 48.9 | 59.7 | 56.5 | 59.4 | 55.5 | 60.1 | 59.5 | 64.2 | |
| Yield per acre, corn for silage, ton | 9.7 | 8.2 | 9.2 | 10.1 | 9.4 | 11.4 | 10.7 | 9.8 | 10.3 | |
| Yield per acre, barley, bu. | 37.3 | 31.5 | 26.8 | 25.5 | 27.3 | 27,1 | 32.9 | 33.4 | 31.6 | |
| Yield per acre, oats, tu. | 37.2 | 27.9 | 34.8 | 23.2 | 32.3 | 32.2 | 35.2 | 34.7 | 35.1 | |
| Yield per acre, flax, bu. | 14.0 | 5.4 | 14.3 | 7.7 | 13.2 | 10.1 | 11.2 | 11.9 | | |
| Yield per acfe, alfalfa, tons | 2.3 | 2.4 | 2.1 | 2.7 | 2.8 | 2.8 | 3.1 | 2.6 | 2.5 | |
| · · · · · · · · · · · · · · · · · · · | -•) | •••• 8 · | kess 👸 sabe | •••• • | , u , u | | | | | |

Miscallaneous Information - Averaged by Counties 1941

| | | Sur | mary by Y | ears | | | | | |
|--|--|--------------------|---------------------------------------|----------|--------------------|---------------------|---------------------|--------------------|---------------------|
| | Average 1928-29 | Average 1930-32 | A ver age 1933-35 | 1936 | 1937 | 1938 | 1939 | <u>1940</u> | 1941 |
| Number of farms | 148 | 157 | · · 126 | 152 | 166 | 122 | 15 ⁴ | 148- | 197 |
| Acres in farm | 170 | 194 | 204 | 207 | 213 | 241 | 225 | 225 | 227 |
| Crop acres in farm | 116 | 134 | · 140 | 138 | 143 | 164 | 147 | 148 | . 147 |
| Farm inventory | \$24,574 | \$21,767 | \$17,045 | \$20,343 | \$20,723 | \$22,704 | \$20,480 | \$24,044 | \$24,117 |
| Farm Earnings (See page 29) | | | · · · · · · · · · · · · · · · · · · · | | | | • | | · . · · |
| | | | 2.1 | • • | | | | | |
| FARM EXPENSES | | | | | | | | | |
| Horses bought | * \$ 36 | \$ 32 | \$ 39 | \$ 54 | \$ 48 | \$ 36 | \$ 28 | \$_28 | \$ 32 |
| Cattle | 141 | - 79 | 121 | 182 | 181 | 217 | 299 | 607 | 421 |
| Hogs bought | 85 | 69 | 49 | 62 | - 77 | 65 | 62 | 60 | 121 |
| Sheep bought | 6 | 10 | 65 | 69 | - 39 | 110 | 98 | 82· | 45 |
| Poultry bought | 37 | 39 | | 73 | . 71 | 100 | 95 | 100 | 118 |
| Misc. crop expenses | 186 | 177 | 154 | 187 | 215 | 278 | 235 | 182 | 202 |
| Feed bought | 440 | 324 | 3,43 | 534 | 627 | 603 | 475 | 600 | 820 |
| Power mach. (new & exp.) (farm share) | - 399 | 340 | 342 | 597 | 654 | 578 | 530 | 604 | 821 |
| Custom work hired | · | - | · · | - | | | | 123 | 115 |
| Machinery and equipment (new) | - 190 | 132 | 139 | · 276 | 335 | 330 | 261 | 296- | 470 |
| Machinery and equipment (upkeep) | . 72 | 57 | 55 | - 60 | .72 | 78 | 65 | 68* | 90 |
| Building, fencing, tiling (new) | 130 | 98 | ,99 | 263 | 246 | 282 | 250 | 352 | 313 |
| Buildings, fencing, tiling (upkeep) | 52 | 29 | 41 | 63 | ·~ 96 | 114 | 69 | 84 | 164 |
| Hired labor | 272 | 252 | 261 | 374 | 433 | 519 | 340 | 404. | 454 |
| Taxes and insurance | 298 | 338 | 269 | 268 | 274 | 322 | 285 | 276. | 280 |
| General farm | 30 | 31 | 26 | -28 | 41 | 40 | 36 |) 4 2 (| . 43 |
| Miscellaneous livestock expense | 66 | 72 | 55 | 83 | 83 | $\frac{130}{7,700}$ | $\frac{110}{7.070}$ | 78 | $\frac{101}{4,610}$ |
| (1) Total farm purchases | 2,440 | 2,079 | 2,107 | 3,173 | 3,492 | 3,802 | 3,238 | 3,986- | 4,010 |
| (2) Decrease in farm capital | | 755 | | | - | 22 | - | 141 | - 145 |
| (3) Board furnished hired labor | 102 | - 93 | 91 | 153 | 149 | 174 | 128 | × • | 145 1,206 |
| (4) Interest on farm capital | 1,228 | 1,089 | 852 | 1,017 | 1,036 | 1,135 | 1,024 236 | 1,202. 269 | 278 |
| (5) Unpaid family labor | 358 | 292 | 220 | 247 | 254 | 231 | 0 <u>0</u> | 209 | c10 |
| | | | | · • | ан сайта. Ал ал | · · · | | | |
| (6) Total farm exp. (Sum of (1) to (5) | 4,128 | 4,308 | 3,270 | 4,590 | 4,931 | 5,364 | 4,626 | 5,598 | 6,239 |
| | t ^{te} rres de la composition d | | | | | 2 E 1 | | | |

T D

| Summary by Years (Continued) FARM RECEIPTS Horses Cattle Dairy products Hogs Sheep and wool Poultry Eggs Corn Small grain Other crops Misc. Income from work off farm Agric. Adjustment payments (7) Total farm sales (8) Increase in farm capital (9) Farm prod. used in house + house rental (10) Total farm receipts (6) Total farm expenses | 30 753 1,662 1,164 52 140 275 37 241 163 134 102 0 4,753 617 325 5,695 4,128 | 30 467 1,209 950 39 139 232 39 140 170 151 172 0 3,678 248 3,926 4,308 | 32 457 1,207 635 125 221 305 272 155 135 135 132 204 3,976 470 227 4,673 3,270 | 55 545 1,669 1,198 231 364 405 177 543 154 226 140 182 5,889 1,316 299 7,504 4,590 | 75 754 1,598 1,204 147 424 377 166 378 177 292 203 169 5,964 139 290 6,393 4,931 | 51 838 1,509 1,248 217 520 378 190 244 185 314 219 223 6,136 6,136 252 6,388 5,364 | 45 813 1,170 926 216 344 301 142 274 157 231 136 336 5,091 891 260 6,242 4,626 | 48 1,176 1,454 984 162 339 405 128 235 128 295 148 295 148 295 148 324 5,948 1,017 458 1,017 458 7,423 5,598 | 310 1,215 1,720 1,778 173 5830 523 288 262 287 342 146 331 7,479 1,432 505 9,416 6.239 |
|---|---|--|---|---|---|---|---|---|---|
| (11) Operator's labor earnings MISCELLANEOUS ITEMS | 1,567 | - 382 | 1,403 | 2,914 | 1,462 | 1,0243 | 1,616 | 1,825 | 3,177 |
| Yield per acre, corn (bu.) Yield per acre, barley (bu.) Yield per acre, oats (bu.) Yield per acre, alfalfa (tons) | 44.8 36.0 46.0 3.0 | 43.5 30.1 48.1 2.6 | 44-5 23.5 34.8 2.3 | 34.4 21.5 36.0 1.9 | 43-8 30:0 48:1 2.1 | 51.7 28:23 35:9 2.1 | 59.0 33.5 48.5 2.2 | 56.3 41.0 58.2 2.3 | 57.6 29.0 31.5 2.6 |
| % of till. land in high return crop Productive livestock units per 100 A, No, of work units Work units per worker Pow:,mach.,equip.,&bldg.exp.perwork | 31.9 19.2 599 310 \$1.76 | 34.1 20.7 729 339 \$1.34 | 39.0 19.9 756 328 \$1,18 | 41.7 20.1 763 341 \$1.31 | 40.9 19.6 783 339 \$1.44 | 41.3 19.7 866 360 \$1.44 | 40.8 18.5 759 349 \$1.41 | 41.4 23.4 658 292 \$1.66 | 41.0 24.6 664 301 \$1.87 |
| unit No. of farms with tractors No. of work horses No. of colts No. of dairy and dual purpose cows | <u>8</u> 0 5.4 14.2 | 101 5.4 | 90 90 5.2 8 | 122 4.8 1.2 18.0 | 142 -4.5 1.5 17.6 | 114. 4.4. 1.3 18.6 | 134 1.1 1.1 | 134 41 1.0 17.1 | 188 4.0 •9 |

| 102. eggs solu | | | Summary | by Years | continued | 1 | | | | |
|--|------------------------------------|---------------------------------------|-----------|----------------|-----------|----------------|--|--|------------|---------------------------------------|
| $\begin{array}{llllllllllllllllllllllllllllllllllll$ | | | | | 2 | | 7070 | 1070 | مارمد | דו(סד |
| Bo, of litters of pigs9.311.78.79.28.711.712.7 | Miscellaneous items (continued) | | | <u>1933-35</u> | . 1936 | | | | | |
| Pounds of hogs produced 12,100 10,23 12,20 16,3 16,23 16,23 16,23 16,23 16,23 16,23 16,23 16,23 16,23 16,23 16,23 16,23 16,23 16,23 16,23 12,23 12,71 19,71 14,71 14,21 12,00 14,21 12,00 14,21 14,21 12,01 11,00 14,21 14 | No. of litters of pigs | | | | . 9,2 | | | | | |
| No. of head of sheep 1.0 1.1.3 1.1.3 1.2.3 1.1.4 1.1.5 1.2.3 1.2.4 1.2.4 2.4.2 2.4.2 1.2.4 1.4.2 1.4.2 1.4.2 1.4.2 1.4.2 1.2.4 1.3.4 </th <th>Pounds of hogs produced</th> <th></th> <th></th> <th></th> <th>12,786</th> <th></th> <th></th> <th></th> <th></th> <th></th> | Pounds of hogs produced | | | | 12,786 | | | | | |
| No. of hens136156183192187177197260Pounds of B. F. per dual purpose cow244216245232240245232240245260No. of eggs lail por hen94.6111.7122.3131.0130.0135.0136.0131.0142.Price raceived per94.6111.7122.3131.0130.0135.0136.0131.0142.Price raceived per5.52 5.39 9.269.477.696.175.279.7Cwt. hogs sold8.925.825.556.957.386.046.486.698.7Cwt. hogs sold.36.13.21.20.17.16.20.974.645.556.957.386.046.486.698.7Lb. wool sold.36.13.21.20.17.16.20.1918.17.16Dog, eggs sold.28.37 4.64 5.556.957.386.046.486.698.7Dog, eggs sold.28.17.16.20.19.18.17.16.20.19.18.17.16Dog, eggs sold.28.36.32.464.555.6957.38.604.488.69.87Dog, eggs sold.28.28.26.28.27.24.35.17.24.37.16.20Dual Purpose cow.5 | | | | | | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | | | | | |
| Pounds of J. P. per dual purpose cow 6.3 6.2 6.1 6.4 6.3 6.7 6.3 6.3 6.7 No. of eggs laid per hen 94.6 111.7 122.3 131.0 130.0 135.0 126.0 131.0 142. Price received por \$.52 \$.30 \$.28 \$.37 \$.39 \$.31 \$.28 \$.37 \$.99 \$.61 5.7 9.2 Cwt. hogs sold 8.92 5.82 5.39 9.26 9.47 7.69 6.17 5.27 9.2 Mamb sold 9.78 4.64 5.55 6.95 7.38 6.04 6.48 5.69 8.7 Mamb sold .36 .13 .21 .29 .32 18 .26 .31 1 Doc eggs sold .22 .17 .16 .20 .18 .21 .20 .17 .16 Dat purpose cow \$.76.50 \$28.16 \$32.76 \$62.25 \$52.56 \$447.39 \$445.05 \$58.05 \$11.6 Dat Purpose cow \$.76.50 \$28.16 \$32.77 \$2.48< | | 244 | 241 | 236 | 243 | 232 | | 19 Jan 19 | | |
| "0. of pigs per litter6.36.26.16.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.36.46.46.36.46.46.36.46.56.47.17.66.175.279.29.29.269.477.696.175.279.29.29.269.477.696.175.279.29.29.269.477.696.175.279.29.21.201.71.223.11.201.171.223.131.21.211.201.171.223.131.21.211.201.171.223.131.211 | Pounds of B. F. per dual purpose c | ow - | · · · | | | | | | | |
| No. or eggs lain per hen1.94.01.11.11.12.91.94.61.94.61.94.61.94.7Price received perS. F. sold\$.52\$.30\$.28\$.37\$.39\$.31\$.28\$.33\$.1Cwt. hogs sold 8.92 5.82 5.39 9.26 9.47 7.69 6.17 5.27 9.6 Lamb sold 9.78 4.64 5.55 6.95 7.38 6.04 6.48 6.69 8.7 Lamb sold 9.78 4.64 5.55 6.95 7.38 6.04 6.48 6.69 8.7 Lamb sold 3.6 1.7 1.62 1.9 3.21 2.9 3.21 8.26 3.1 1.62 8.67 9.7 Lamb sold 3.6 1.32 1.17 1.62 1.9 3.21 2.9 3.21 8.26 8.7 Lamb sold 3.6 1.32 1.17 1.62 1.29 3.21 8.67 9.7 Lamb sold 3.6 1.32 1.17 1.62 1.92 1.62 1.92 1.62 1.7 1.62 1.7 1.62 1.7 1.62 1.92 1.62 1.62 1.92 1.62 1.92 1.62 1.92 1.62 1.92 1.62 1.92 1.62 1.92 1.62 1.92 1.62 1.92 1.62 1.92 1.62 1.92 1.92 1.62 1.92 1.92 1.62 1.92 1.92 1.12 1.16 1.62 | No. of pigs per litter | . 6.3 | | | | | | | | |
| Frice received per Ib. B. F. sold\$.52\$.30\$.28\$.31\$.22\$.33\$.32Cwt. hogs sold 8.92 5.82 5.39 9.26 9.47 7.69 6.17 5.27 9.26 Cwt. feeder cattle sold 8.92 5.82 5.39 9.26 9.47 7.69 6.17 5.27 9.26 Cwt. feeder cattle sold 3.92 5.82 5.39 9.26 9.47 7.69 6.17 5.27 9.26 Lamb sold 3.6 1.3 21 29 32 18 2.66 31 9.7 Lob. vool sold 28 1.7 1.6 20 19 18 1.5 1.7 Lob. vool sold 22 1.7 1.6 20 1.9 18 21 20 1.7 Lob. varped of sold -20 1.8 21 20 1.7 1.6 5.6 Dairy cow 576.50 $$28.16$ $$32.76$ $$62.25$ $$52.56$ $$447.89$ $$445.05$ $$58.05$ $$71.6$ Dual Purpose cow 1.50 30 1.82 3.17 2.48 3.47 1.82 1.50 5.6 Cwt. turkeys prod. -20 1.6 3.63 1.22 9.45 $$36.7$ $$43.70$ $$51.29$ $$440.55$ $$38.67$ $$43.22$ $$49.1$ Daal purpose cow -20 1.6 1.55 1.67 3.37 $$5.22$ $$43.37$ $$43.70$ $$51.29$ $$440.55$ $$38.67$ $$43.22$ <t< td=""><td>No. of eggs laid per hen</td><td>_ 94.6</td><td>111.7</td><td>122.3</td><td>131.0</td><td>130.0</td><td>135.0</td><td>150.0</td><td>131.0</td><td>142.0</td></t<> | No. of eggs laid per hen | _ 94.6 | 111.7 | 122.3 | 131.0 | 130.0 | 135.0 | 150.0 | 131.0 | 142.0 |
| $\begin{array}{c c c c c c c c c c c c c c c c c c c $ | | • • | | L | 4 | | di | ർ റർ | - dr 77 | ··· · · · · · · · · · · · · · · · · · |
| Out. hogs sind 3.52 | Lo. B. F. sold | | \$.30 | | \$.37 | \$. 39 | | | | |
| Out. leader cattle sold 4 amb sold9.784.645.556.957.386.046.486.698.7 16 wool sold.36.13.21.29.32.18.26.11.15 10_{22} eggs sold.28.17.16.20.19.18.15.17.6 10_{23} eggs sold.28.17.16.20.19.18.15.17.6 10_{11} wow.20.18.21.20.17.16.6.6 10_{11} wow.76.50\$28.16\$32.76\$62.25\$52.56\$47.89\$45.05\$58.05\$71.6 10_{11} wow.50.301.823.172.483.471.821.505.1 10_{12} wow.55.07.2243.543.631.283.183.435.1 10_{12} wow.55.07.2243.543.631.283.183.435.1 10_{12} wow.150.301.821.131.051.07.831.12.97.92.16 10_{12} wow.1821.131.051.07.831.283.183.435.1 10_{12} wow.1821.131.051.07.831.29\$10.55\$38.67\$43.22\$49.1 10_{12} wow.1821.33.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1 10_{12} wow.162.1 | Cwt. hogs sold | 8.92 | - 5.82 | 5.39 | 9.26 | 9.47 | 1.69 | | | |
| μ_{amb} sold9.784.645.555.997.386.046.465.699.74Lb, wool sold.36.13.21.29.32.18.26.31Lb, turkey sold.28.7.16.20.19.18.15.17Lb, turkey sold.20.18.21.20.17.16Lb, turkey sold.20.18.21.20.17.16Lb, turkey sold.20.18.21.20.17.16Lb, turkey sold.20.18.21.20.17.16Lb, turkey sold.20.18.21.20.17.16Lb, turkey sold.20.18.21.20.17.16Lary cow.50.50.07.24.54.63.28.16Lead of sheep.550.07.24.54.63.28.18.43.15Hen.82.131.05.107.831.12.97.92.16Cwt, turkeys prodDairy cow\$69.50\$52.27\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dairy cowDairy cow\$69.50\$52.27\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Lal pu | Cwt. feeder cattle sold | · | · · · · · | 5 | | | and the second s | | | |
| 16. wool sold.90 | | | | | | | | | | |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | Lb. wool sold | | | . 21 | . 29 | .32 | | | | |
| Lb. turkey sold20.18.21.20.17.16Return atove feed cost per:Dairy cow $(w_1, hogs, prod, w_1, hogs, $ | Doz. eggs sold | .28 | .17- | .16 | , 20 | | | | | ,22 |
| Return above feed cost per: Dairy cow\$76.50\$28.16\$32.76\$62.25\$52.56\$47.89\$45.05\$58.05\$71.6Dual Purpose cow Cwt. hogs prod.1.50.301.82 3.17 2.48 3.47 1.821.505.1Head of. sheep5.50 07 2.24 3.54 3.63 1.28 3.18 3.43 5.1Hen1.821.131.051.07 $.83$ 1.12.97.921.6Cwt. turkeys prod.11.595.6612.5312.388.276.3010.7Feed cost per: Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.32\$6.23Cwt. turkeys prod | | - | | .20 | _18 | ,21 | .20 | .1/ | .10 | . 21 |
| Dairy cow\$76.50\$28.16\$32.76\$62.25\$52.56\$44.89\$40.05\$950.05 40.65 \$92.05Cwt. hogs prod.1.50301.823.172.483.471.821.505.4Head of sheep5.50 -07 2.243.543.631.283.183.435.4Hen1.821.131.051.07831.12.97.921.6Cwt. turkeys prod.1.595.6612.5312.388.276.3010.7Feed cost per:1.1595.6612.5312.388.276.3010.7Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dual purpose cow2.822.262.592.462.532.372.332.612.51Head of sheep2.822.262.592.462.532.372.332.612.51Hen1.621.091.361.831.821.301.231.361.51Gwt. turkeys prod7.7010.008.327.757.099.069.1Gwt. turkeys prod7.7010.008.327.757.099.069.1Hen.60.36.53.60.60.39.31.35.445.6Gwt. turkeys prod7.7010.008.327.757.099.069.1 | | | | n krai | | | ··· · · · · · · · · · · · · · · · · · | () () () () () () () () () () () () () (| | · @ -=== (= |
| Dual Purpose cow 1.50 30 1.82 3.17 2.48 3.47 1.82 1.50 5.4 Head of sheep 5.50 07 2.24 3.54 3.63 1.28 3.18 3.43 5.4 Hen 1.82 1.13 1.05 1.07 83 1.12 97 92 -1.6 Cwt. turkeys prod. $ 11.59$ 5.66 12.53 12.38 8.27 6.30 10.7 Feed cost per: $ 11.59$ 5.66 12.53 12.38 8.27 6.30 10.7 Dual purpose cow $ 7.66$ 4.36 6.27 6.33 3.86 3.51 4.11 Head of sheep 2.82 2.26 2.59 2.46 2.53 2.37 2.33 2.61 2.57 Hen 1.62 1.09 1.36 1.83 1.82 1.30 1.23 1.36 1.85 Hen 1.62 1.09 1.36 1.83 1.82 1.30 1.23 1.36 1.85 Uvt. turkeys prod. $ 7.70$ 10.00 8.32 7.75 7.09 9.06 9.5 Horse 55.09 36.13 37.52 38.60 40.95 29.94 27.61 31.33 35.4 Price of feed, barley (per bu.) 6 $.36$ $.53$ $.60$ 60 $.39$ $.30$ $.31$ Price of feed, barley (per bu.) $.60$ $.36$ $.53$ $.60$ $.60$ | | \$76.50 | \$28.16 | \$32.76 | \$62.25 | \$52.56 | \$47.89 | - | | |
| Cwt. hogs prod.1.50.30 1.82 3.17 2.48 3.47 1.82 1.97 2.43 Head of sheep 5.50 07 2.24 3.54 3.63 1.28 3.18 3.43 5.14 Hen 1.82 1.13 1.05 1.07 83 1.12 97 92 4.6 Cwt. turkeys prod. $ 11.59$ 5.66 12.53 12.38 8.27 6.30 10.7 Feed cost per: $ 11.59$ 5.66 12.53 12.38 8.27 6.30 10.7 Dual purpose cow $ 36.29$ 39.5 Cwt. hogs produced 7.66 4.50 4.36 6.27 6.33 3.86 3.51 4.11 5.1 Head of sheep 2.82 2.26 2.59 2.46 2.53 2.37 2.33 2.61 2.5 Head of sheep 1.62 1.09 1.36 1.83 1.82 1.30 1.23 1.36 1.85 Head of sheep 1.62 1.09 1.36 1.83 1.82 1.30 1.23 1.36 1.85 Head of sheep 1.62 1.09 1.36 1.83 1.82 1.30 1.23 1.36 1.85 Head of sheep 1.62 1.09 1.36 1.83 1.82 1.30 1.23 1.36 1.85 Head of feed sh. corn (per bu.) 5.70 36.13 | | | | | | | | | | 52.01 |
| Head of .sheep 5.50 07 2.24 3.54 3.63 1.28 3.18 5.45 2.4 Hen 1.82 1.13 1.05 1.07 $.83$ 1.12 $.97$ $.92$ 1.62 Cwt. turkeys prod. $ 11.59$ 5.66 12.53 12.38 8.27 6.30 10.7 Feed cost per: $ 11.59$ 5.66 12.53 12.38 8.27 6.30 10.7 Dairy cow $$69.50$ $$52.27$ $$$43.37$ $$$43.70$ $$51.29$ $$$40.55$ $$38.67$ $$$43.22$ $$$49.1$ Dual purpose cow $ -$ </td <td></td> <td>1.50</td> <td></td> <td></td> <td></td> <td>2.48</td> <td></td> <td></td> <td></td> <td>5.41</td> | | 1.50 | | | | 2.48 | | | | 5.41 |
| Hen 1.82 1.13 1.05 1.07 83 1.12 97 $.92$ 1.63 Cwt. turkeys prod. 11.59 5.66 12.53 12.38 8.27 6.30 10.7 Feed cost per:Dairy cow $$69.50$ $$52.27$ $$43.37$ $$43.70$ $$51.29$ $$40.55$ $$38.67$ $$43.22$ $$49.1$ Dual purpose cow 7.66 4.50 4.36 6.27 6.33 3.86 3.51 4.11 5.1 Head of sheep 2.82 2.26 2.59 2.46 2.53 2.37 2.33 2.61 2.57 Hen 1.62 1.09 1.36 1.83 1.82 1.30 1.23 1.36 1.83 Hen 1.62 1.09 1.36 1.83 1.82 1.30 1.23 1.36 1.87 Horse 55.09 36.13 37.52 38.60 40.95 29.94 27.61 31.33 35.4 Price of feed sh. corn (per bu.) $$.70$ $$.49$ $$.48$ $$.72$ $$.78$ $$.43$ $$.36$ $$.46$ $$.76$ Price of feed, barley (per bu.) $.60$ $.36$ $.53$ $.60$ $.60$ $.39$ $.30$ $.31$ $.46$ Price of feed, oats (per bu.) $.48$ $.25$ $.29$ $.30$ $.35$ $.22$ $.23$ $.26$ Price of feed, bran (per cwt.) 1.70 1.00 1.05 1.30 1.45 1.05 1.10 1.20 1.75 Price of feed, oil | | 5.50 | 07 | 2,24 | | | | | | |
| Introduct of Reys prod.Teed cost per:Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dairy cow\$69.50\$52.27\$43.37\$43.67\$43.22\$49.1Dual purpose cow7.664.504.366.276.333.863.514.11Dual purpose cow7.664.504.366.276.333.863.514.115.1Ual purpose cow7.664.504.366.276.333.863.514.115.1Head of sheep2.822.262.592.462.332.663.514.16Hen1.621.091.361.831.827.7010.008.327.757.099.069.55.0936.1337.5238.60 <th< td=""><td></td><td>1.82</td><td>1.13</td><td>1.05</td><td></td><td></td><td>1 mm 1</td><td></td><td></td><td></td></th<> | | 1.82 | 1.13 | 1.05 | | | 1 mm 1 | | | |
| Feed cost per:Dairy cow\$69.50\$52.27\$43.37\$43.70\$51.29\$40.55\$38.67\$43.22\$49.1Dual purpose cow7.66 4.50 4.36 6.27 6.33 3.86 3.51 4.11 5.1 Head of sheep2.82 2.26 2.59 2.46 2.53 2.37 2.33 2.61 2.57 Hen1.621.09 1.36 1.83 1.82 1.30 1.23 1.36 1.82 Cwt. turkeys prod7.70 10.00 8.32 7.75 7.09 9.06 9.5 Horse55.09 36.13 37.52 38.60 40.95 29.94 27.61 31.33 35.4 Price of feed sh. corn (per bu.)\$.70\$.49\$.48\$.72\$.78\$.43\$.36\$.46\$.57Price of feed, barley (per bu.).60.36.53.60.60.39.30.31.46\$.57Price of feed, oats (per bu.).48.25.29.30.35.22.23.26.26Price of feed, bran (per cwt.)1.701.001.051.301.451.051.101.201.45Price of feed, oilmeal (per cwt.)3.002.001.852.152.152.302.151.752.00 | Cwt. turkeys prod. | · · · · · · · · · · · · · · · · · · · | | 11.59 | 5.66 | 12.53 | 12,38 | 8.27 | 6.30 | 10.12 |
| Dairy cow\$69.50\$52.27\$ 43.37 \$ 43.70 \$ 51.29 \$ 440.55 \$ 38.67 \$ 443.22 \$ 449.12 Dual purpose cow7.664.504.366.276.333.863.514.115.1Gwt. hogs produced7.664.504.366.276.333.863.514.115.1Head of sheep2.822.262.592.462.532.372.332.612.55Hen1.621.091.361.831.821.301.231.361.85Cwt. turkeys prod7.7010.008.327.757.099.069.51Horse55.0936.1337.5238.6040.9529.9427.6131.3335.1Price of feed sh. corn (per bu.)\$.70\$.49\$.48\$.72\$.78\$.43\$.36\$.46\$.55Price of feed, barley (per bu.).60.36.53.60.60.39.30.31.31Price of feed, oats (per bu.).48.25.29.30.35.22.23.26.32Price of feed, bran (per cwt.)1.701.001.051.301.451.051.101.201.45Price of feed, oilmeal (per cwt.)3.002.001.852.152.152.302.151.752.05 | | | | ÷. | .: | 5.** 1 | | + <i>C</i> | () | |
| Dual purpose cow7.664.504.366.276.333.863.514.115.1Head of sheep2.822.262.592.462.532.372.332.612.82Hen1.621.091.361.831.821.301.231.361.88Cwt. turkeys prod7.7010.008.327.757.099.069.56Horse55.0936.1337.5238.6040.9529.9427.6131.3335.4Price of feed sh. corn (per bu.)\$.70\$.49\$.48\$.72\$.78\$.43\$.36\$.46\$.57Price of feed, barley (per bu.).60.36.53.60.60.39.30.31.31Price of feed, oats (per bu.).48.25.29.30.35.22.23.26Price of feed, bran (per cwt.)1.701.001.051.301.451.051.101.201.1Price of feed, oilmeal (per cwt.)3.002.001.852.152.152.302.151.752.00 | | \$69.50 | \$52.27 | \$43.37 | \$43.70 | \$51,29 | \$40.55 | \$38.67 | | |
| Cwt. hogs produced7.664.504.36 6.27 6.33 3.86 3.51 4.11 5.1 Head of sheep 2.82 2.26 2.59 2.46 2.53 2.37 2.33 2.61 2.51 Hen 1.62 1.09 1.36 1.83 1.82 1.30 1.23 1.36 1.82 Cwt. turkeys prod. $ 7.70$ 10.00 8.32 7.75 7.09 9.06 9.52 Horse 55.09 36.13 37.52 38.60 40.95 29.94 27.61 31.33 35.42 Price of feed sh. corn (per bu.) $\$$ $.70$ $\$$ 49 $\$$ $\$$ $$.72$ $\$$ $.78$ $\$$ $\$$ $$.46$ $\$$ Price of feed, barley (per bu.).60.36.53.60.60.39.30.31 $.31$ Price of feed, oats (per bu.).48.25.29.30.35.22.23.26Price of feed, bran (per cwt.)1.701.001.051.301.451.051.101.201.1Price of feed, oilmeal (per cwt.) 3.00 2.00 1.85 2.15 2.15 2.30 2.15 1.75 2.00 | | | - | | | | | | | 39.50 |
| Head of sheep 2.82 2.26 2.59 2.46 2.53 2.37 2.33 2.61 2.46 Hen 1.62 1.09 1.36 1.83 1.82 1.30 1.23 1.36 1.83 Cwt. turkeys prod. $ 7.70$ 10.00 8.32 7.75 7.09 9.06 9.16 Horse 55.09 36.13 37.52 38.60 40.95 29.94 27.61 31.33 35.16 Price of feed sh. corn (per bu.) $\$$ $.70$ $\$$ 49 $\$$ $\$$ 8.72 $$.78$ $\$$ $.43$ $\$$ $.36$ $\$$ Price of feed, barley (per bu.).60.36.53.60.60.39.30.31.446 $\$$ Price of feed, oats (per bu.).48.25.29.30.35.22.23.26.46Price of feed, bran (per cwt.)1.701.001.051.301.451.051.101.201.45Price of feed, oilmeal (per cwt.) 3.00 2.00 1.85 2.15 2.15 2.30 2.15 1.75 2.00 | | 7.66 | 4.50 | 4.36 | 6.27 | | | | | 5.17 |
| Hen 1.62 1.09 1.36 1.83 1.82 1.30 1.23 1.36 1.82 Cwt. turkeys prod. $ 7.70$ 10.00 8.32 7.75 7.09 9.06 9.16 Horse 55.09 36.13 37.52 38.60 40.95 29.94 27.61 31.33 35.16 Price of feed sh. corn (per bu.) $\$$ $.70$ $\$$ < | | | | 2.59 | 2.46 | 2,53 | | | | 2.57 |
| Cwt. turkeys prod.Horse 55.09 36.13 37.52 38.60 40.95 29.94 27.61 31.33 35.1 Price of feed sh. corn (per bu.) $$.70$ $$.49$ $$.48$ $$.72$ $$.78$ $$.43$ $$.36$ $$.46$ $$.9$ Price of feed, barley (per bu.).60.36.53.60.60.39.30.31Price of feed, oats (per bu.).48.25.29.30.35.22.23.26Price of feed, bran (per cwt.)1.701.001.051.301.451.051.101.201.1Price of feed, oilmeal (per cwt.) 3.00 2.00 1.85 2.15 2.15 2.30 2.15 1.75 2.00 | | | | | 1.83 | 1.82 | 1.30 | | | 1.80 |
| Horse 55.09 36.13 37.52 38.60 40.95 29.94 27.61 31.33 35.4 Price of feed sh. corn (per bu.) $\$$ 70 $\$$ 49 $\$$ 48 $.72$ $\$$ 8.43 $\$$ 36 $\$$ 46 $\$$ Price of feed, barley (per bu.).60.36.53.60.60.39.30.31Price of feed, oats (per bu.).48.25.29.30.35.22.23.26Price of feed, bran (per cwt.)1.701.001.051.301.451.051.101.201.45Price of feed, oilmeal (per cwt.) 3.00 2.00 1.85 2.15 2.15 2.30 2.15 1.75 2.00 | | | • | | | | | | | <u> </u> |
| Price of feed sh. corn (per bu.) \$.70 \$.49 \$.48 \$.72 \$.78 \$.43 \$.36 \$.46 \$.72 Price of feed, barley (per bu.) .60 .36 .53 .60 .60 .39 .30 .31 Price of feed, oats (per bu.) .48 .25 .29 .30 .35 .22 .23 .26 Price of feed, bran (per cwt.) 1.70 1.00 1.05 1.30 1.45 1.05 1.10 1.20 1.1 Price of feed, oilmeal (per cwt.) 3.00 2.00 1.85 2.15 2.30 2.15 1.75 2.00 | | 55,09 | 36.13 | | | | 29.94 | | 31.33 | 35.49 |
| Price of feed, barley (per bu.) .60 .36 .53 .60 .60 .39 .30 .31 Price of feed, oats (per bu.) .48 .25 .29 .30 .35 .22 .23 .26 Price of feed, bran (per cwt.) 1.70 1.00 1.05 1.30 1.45 1.05 1.10 1.20 1.4 Price of feed, oilmeal (per cwt.) 3.00 2.00 1.85 2.15 2.30 2.15 1.75 2.00 | | | | | | | \$.43 | | | \$.52 |
| Price of feed, oats (per bu.) .48 .25 .29 .30 .35 .22 .23 .26 Price of feed, bran (per cwt.) 1.70 1.00 1.05 1.30 1.45 1.05 1.10 1.20 1.4 Price of feed, oilmeal (per cwt.) 3.00 2.00 1.85 2.15 2.30 2.15 1.75 2.00 | | | | | | | | | | . 38 |
| Price of feed, bran (per cwt.) 1.70 1.00 1.05 1.30 1.45 1.05 1.10 1.20 1.1 Price of feed, oilmeal (per cwt.) 3.00 2.00 1.85 2.15 2.30 2.15 1.75 2.00 | | | | | | | | | | . 32 |
| Price of feed, oilmeal (per cwt.) 3.00 2.00 1.85 2.15 2.15 2.30 2.15 1.75 2.0 | | | | | | | | 1.10 | | 1.45 |
| | | | | | | | | | | 2.00 |
| TITTER OFFICER GETSTATIONER VOID IT, I) IC.VV IV.OV O.VV II.VV II.VV II.VV II.VV | Price of feed, alfalfa (per ton) | 14.75 | 12.00 | 10.80 | 8.00 | 11,00 | 7.50 | 7.00 | 7.50 | 8.00 |

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Footnote for pages 26, 27 and 28.

The values of farm real estate in 1931 were reduced approximately 25 per cent from 1928-1930 values. The values in 1932 were reduced about 29 per cent from the 1931 values. Only land was affected by the reduction in 1931, but in 1932 buildings and improvements were cut 25 per cent. In 1936 the values of land were adjusted upward 10 per cent. The value of dairy cows was also adjusted downward in 1932 and upward in 1936. These capital losses were not included in the inventory decreases in the financial statement but the changes in valuation resulted in variations in the interest charge. No changes in the basis of inventory valuations were made in the years 1933 to 1935 and 1937 to 1941.

The financial statements differ also in that the unpaid family labor rate was \$60 per month for the 1928 to 1930 period, \$40 in 1931, \$30 in 1932 to 1934, \$40 in 1935, \$43 in 1936, \$45 in 1937 to 1940 and \$50 in 1941; and the board for hired labor was figured at \$20 per month in the 1938 to 1930 period, \$15 per month in 1931, \$10 per month in 1932, 1933 and 1934, \$15 per month in 1935, \$18 per month in the years 1936 to 1940 and \$20 in 1941.

These adjustments should be considered in comparing 1941 results with previous years.

None of the wheat adjustment payments received under A.A.A. contracts were included in farm receipts for 1933. The wheat payments represent remuneration to the producer for adjustments made in 1934 and 1935 and are, therefore, credited in these years. One-half of the total amount that is due for the full period of the contract was credited as income in 1934 and the remaining one-half in 1935. All of the money received or due under the 1934 corn-heg and sugar-beet contracts was credited as income in 1934 even though final payments for 1934 were not made till 1935. Likewise, all of the money received or due under the 1935, and all the money due as agricultural conservation payments for the years 1936 to 1941 was credited as income in the years 1936 to 1941, respectively.

Several changes appeared in the 1940 and 1941 records. The value of the house which had previously been omitted from the farm business was included and a rental charge equal to 10 per cent of the average value of the house was included with the farm perquisites. The standards used in the calculation of work units were changed in accordance with new information made available. This latter change also affected the work units per worker and the factor of expense per work unit. The acres in protected woodlots, roads, waste and farmstead were omitted from the acreage used in the calculation of amount of livestock per 100 acres. Several new livestock statements were added. Cattle were classified into two groups "specialized dairy cattle" and "dual purpose cattle". Statements for beef breeding cattle, feeder cattle and feeder sheep were also included.