# 1956 Annual Report VOCATIONAL AGRICULTURE FARM MANAGEMENT SERVICE FOR NORTHEASTERN MINNESOTA

# DULUTH AREA VOCATIONAL SCHOOL IN COOOPERATION WITH IRON RANGE RESOURCES AND REHABILITATION COMMISSION VOCATIONAL DIVISION MINN. DEPT OF EDUCATION DEPTS. OF AGRICULTURE EDUCATION AND ECONOMICS INSTITUTE OF AGRICULTURE UNIVERSITY OF MINNESOTA

# 1956 REPORT OF THE VOCATIONAL AGRICULTURE FARM LANAGEMENT PROGRAM IN MORTHEASTERN NIMBESOTA

## Leo Reskinen Duluth Area Vocational School

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### INTRODUCTION

The analysis included in this report represents the first attempt of the Duluth Area Vocational School to make a study of the farm accounts submitted by vocational agriculture instructors and others in Northeastern Minnesota.

The analysis follows the pattern established at other Area Vocational School Analysis Centers as originally developed by Truman Wodland and his associates in the Farm Management Division of the University of Minnesota.

The main purposes of the program of farm analysis are: (1) to give assistance to instructors in the mechanics of farm record supervision, (2) to assist instructors and cooperating farmers in farm accounting techniques, (3) to aid individual farmers in the study of their farm business through analysis reports, and (4) to provide case study material that can be used by farmers and farm groups to study management problems.

The report and analysis of records were completed under the direction of Leo keskinen, Vocational Agriculture Instructor of the Duluth Area Vocational School. Clerical assistants were Mrs. Wellie Hopper and Mrs. Florence Fray.

Directing in a supervisory capacity were: George Campaigne,
Director of the Duluth Area Vocational School, G.R. Cochran, State Supervisor
of Agricultural Education, and S.K. Wick, Assistant State Director of
Vocational Education. Promotional and other assistance was rendered by
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and Harland Routhe of the Agricultural Extension Service.

Special admostedgement is made for the interest and financial assistance rendered by the Iron Range Resources and Behabilitation Commission, with Kaarlo Otava, Commissioner, and Hyrom Sorenson, Deputy Commissioner. Field work and contacts with Vo-Ag Instructors, County Agents, and cooperating farmers were made by August Neubauer, Field Man for the IRRRC. Without their help, this report would not be possible.

A set fee is ordinarily paid be cooperating farmers to cover the costs of analysis. However, costs for all farmers except for several from an area not under their jurisdiction were taken care of by a grant by the IRRRC.

### Schools submitting 1956 records for analysis were:

| Bagley (Co. Agent) | 2 | Embarrass         | 2  |
|--------------------|---|-------------------|----|
| Bemidji            | 4 | ${	t Littlefork}$ | 1  |
| Blackduck          | 1 | Meadowlands       | 1  |
| Cook               | 1 | Park Rapids       | 1  |
| Cotton             | 1 | Pine River        | 5  |
| Cronwell           | 1 | Staples           | 8  |
|                    |   | TATOT.            | 28 |

Reports on beef and sheep enterprises are not included as a part of this report. Only several farmers showed returns from these enterprises and records were too incomplete to justify publishing the averages. The inventories, returns, and expenses are, however, included in the appropriate tables.

The records kept included farm inventories, cash receipts, and expenses. Also included were feed consumed by the various classes of livestock, family living from the farm, household and personal expenses and receipts, and the operators liabilities and assets other than farm capital.

### FARM INVENTORIES

The capital investment per farm varied from \$510.00 to \$34,452. The average investment for all farms included in this report and for the one-third high and the one-third low in operators' labor earnings is shown in Table I.

### FARM EARRINGS

Operators' earnings are a measure of relative financial success of a farmer as compared with other farmers and represents the returns above all farm expenses and a charge for the use of farm capital. For purposes of comparison, the earnings are all represented on a full owner basis.

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

|  | Your   | Farm   | Average of 25 Pages   |  |  |
|--|--|--|---|--|--|
| Items  | Jan. 1   | Doc. 31  | Jan. 1  |  |  |
|  |  |  | _   |  |  |
| Size of farm (corya)   |  |  | 296   |  |  |
| Size of business (work units) **   |  |  | 267   |  |  |
| Danny and duni purpose sows  |  |  | \$ 1920   | \$ 2081  |  |
| Other outing & dual perpose cattle   | Continues of the cold  |  | 962   | 1198   |  |
| Buest on this (inc., feedbas)  | distributions / 25.500 L. A. A. a. and Super-  | gynghiairgein - seagain-aighlig  | manus   | 9  |  |
| Hogs   | Openia principal | Rympiright youthinging   | 266   | 307  |  |
| Shoop (including feeders)  |  |  | 5   |  |  |
| Povding  |  |  | 28  | 3<br>41  |  |
| Productive Mivestock (total)   |  |  | 3181  | <b>3</b> 639   |  |
| Horaca   |  |  | 13  | 1.5  |  |
| Oropy sold and feed  | granten et al. compression de Star   |  | 1387  | 1822   |  |
| Power in the (form obore)  |  |  | 1626  | 1780   |  |
| Orep and general unchinery   | And the second section of the second   |  | 1849  | 1919   |  |
| Linuarean equipment  |  |  | 272   | 536  |  |
| Machinery and equipment  |  | Con-standard continue  | 3747  | 4235   |  |
| Misselfeneous  | den et mit set senten fan stern  |  | 9 O ( C)  | ••c  |  |
| Land   | \$ made a suppression of the same  |  | 1068  | 3183<br>3630   |  |
| Buildungs, fonces, etc.  | grange and engineering faces   | all-company de regions   | 3426  | 3620   |  |
| Total farm capital   | SAMAGAA A LIPHUS LOVESTANIN SIAME  | Books': Capitato Amelo Ingolin   | 14822   | 16514  |  |
| and projects acres a separate control of the contro | O most moof  | 15able fams  | 9 Least pr  | ofitable   |  |
|  |  |  |   |  |  |
| Itoms  |  | Decree and the second of the s | Jan. 1  | Doc. 31  |  |
|  |  | The second secon | Jen. 1  | Security of the Control of the Contr |  |
| Size of farm (acros)   | 283  |  | J <sub>C</sub> n, 1<br>219  | Comment of the Commen |  |
|  |  | Dec. 21  | Jen. 1  | Security of the Control of the Contr |  |
| Size of farm (acros) Size of business (work units) **  | 287<br>321   | D. O. 21   | Jen. 1<br>219<br>216  | Pou. 31  |  |
| Size of farm (acres) Size of business (work units) ** Dairy and dual purpose cows  | 283<br>321<br>\$ 2488  | Dec. 21<br>\$ 2781   | Jen. 1<br>219<br>216<br>\$ 1277   | Dec. 31<br>\$ 1438   |  |
| Size of farm (acros) Size of business (work units) **  Dairy and dual purpose cows Other dairy & dual purpose cattle   | 287<br>321   | \$ 2781<br>1419  | Jen. 1<br>219<br>216<br>\$ 1277<br>728                                    | Dec. 31<br>\$ 1438<br>781  |  |
| Size of farm (acros) Size of business (work units) **  Dairy and dual purpose cows Other dairy & dual purpose cattle Beef sastle (incl. feeders)   | 263<br>321<br>3 2488<br>984  | \$ 2781<br>1419<br>17  | Jen. 1<br>219<br>216<br>\$ 1277   | Dec. 31<br>\$ 1438   |  |
| Size of farm (acros) Size of business (work units) **  Dairy and dual purpose cows Other dairy & dual purpose cattle Beef sastle (incl. feeders) Hogs  | 267<br>321<br>\$ 2488<br>984   | \$ 2781<br>1419  | Jen. 1<br>219<br>216<br>\$ 1277<br>728<br>3                               | Dec. 31<br>\$ 1438<br>781<br>3   |  |
| Size of farm (acros) Size of business (work units) **  Dairy and dual purpose cows Other dairy & dual purpose cattle Beef castle (incl. feeders)   | 3 2488<br>984<br>518   | \$ 2781<br>1419<br>17<br>658   | Jen. 1<br>219<br>216<br>\$ 1277<br>728<br>3<br>192                        | \$ 1438<br>781<br>3<br>162   |  |
| Size of farm (acros) Size of business (work units) **  Dairy and dual jumpose cows Other dairy & dual pumpose cattle Beef castle (ancl. feeders) Hogs Sheep (including feeders)  | \$ 2488<br>984<br>518  | \$ 2781<br>1419<br>17<br>658   | Jen. 1<br>219<br>216<br>\$ 1277<br>728<br>3<br>192                        | \$ 1438<br>781<br>3<br>162   |  |
| Size of farm (acros) Size of business (work units) **  Dairy and dual purpose cows Other dairy & dual purpose cattle Beef castle (incl. feeders) Hogs Sheep (including feeders) Poultry Productive Rivestock (total) Horses  | 283<br>321<br>\$ 2488<br>984<br><br>518<br><br>51  | \$ 2731<br>1419<br>17<br>658<br>82<br>4957   | Jen. 1<br>219<br>216<br>\$ 1277<br>728<br>3<br>192<br>11<br>2211          | © 1438<br>761<br>3<br>162<br>13<br>2397  |  |
| Size of farm (acros) Size of business (work units) **  Dairy and dual purpose cows Other dairy & dual purpose cattle Becf castle (ancl. feeders) Hogs Sheep (including feeders) Poultry Productive Rivestock (total) Horses Crop, soed, and feed   | 267<br>321<br>3 2488<br>984<br>  | \$ 2781<br>1419<br>17<br>658<br>82<br>4957   | Jen. 1 219 216 \$ 1277 728 3 192 11 2211                                  | \$ 1438<br>761<br>3<br>162<br>13<br>2397   |  |
| Size of farm (acros) Size of business (work units) **  Dairy and dual jumpose cows Other dairy & dual pumpose cattle Beef castle (incl. feeders) Hogs Sheep (including feeders) Poultry Productive Rivestock (total) Horses Crop, soed, and feed Power Mach, (fourm chare)   | 263<br>321<br>3 2488<br>984<br>518<br>518<br>4041<br>1338<br>1747  | \$ 2731<br>1419<br>17<br>658<br>   | Jan. 1 219 216 \$ 1277 728 3 192 11 2211 1735 1343                        | \$ 1438<br>761<br>3<br>162<br>   |  |
| Size of farm (acros) Size of business (work units) **  Dairy and dual purpose cows Other dairy & dual purpose cattle Beef castle (ancl. feeders) Hogs Sheep (including feeders) Poultry Productive divestock (total) Horses Crop, sood, and feed Power Fach, (farm chare) Crop and general machinery   | 201<br>321<br>3 2488<br>984<br>518<br>51<br>4041<br>1338<br>1747<br>2016   | \$ 2781<br>1419<br>17<br>658<br>82<br>4957<br>1896<br>2046<br>2367   | Jon. 1  219 216  \$ 1277 728 3 192  11 2211  1735 1343 1699               | \$ 1438<br>781<br>3<br>162<br>   |  |
| Size of farm (acros) Size of business (work units) **  Dairy and dual purpose cows Other dairy & dual purpose cattle Beef castle (incl. feeders) Hogs Sheep (including feeders) Poultry Productive hivestock (total) Horses Crop, seed, and feed Power Fach, (form chare) Crop and general machinery Livestock equipment   | 283<br>321<br>3 2488<br>984<br><br>518<br><br>51<br>4041<br><br>1338<br>1747<br>2016<br>395  | Dog. 31<br>\$ 2781<br>1419<br>17<br>658<br>82<br>4957<br>1896<br>2046<br>2367<br>941   | Jon. 1  219 216  \$ 1277 728 3 192  11 2211  1735 1343 1699 147           | Dec. 31  \$ 1438 781 3 162 13 2397 1830 1227 1559 317  |  |
| Size of farm (acros) Size of business (work units) **  Dairy and dual jumpose cows Other dairy & dual pumpose cattle Beef castle (incl. feeders) Hogs Sheep (including feeders) Poultry Productive hivestock (total) Horses Crop, sood, and feed Power Mach, (four chare) Crop and general machinery Livestock equipment Machinery & equipment (total)   | 283<br>321<br>3 2488<br>984<br>518<br>518<br>4041<br>1338<br>1747<br>2016<br>395<br>4158   | \$ 2781<br>1419<br>17<br>658<br>82<br>4957<br>1896<br>2046<br>2357<br>941<br>5354  | Jon. 1  219 216  \$ 1277 728 3 192 11 2211 1735 1343 1699 147 3189        | \$ 1438<br>781<br>3 162<br><br>13 2397<br><br>1830<br>1227<br>1559<br>317<br>3103  |  |
| Size of farm (acros) Size of business (work units) **  Dairy and dual jumpose cows Other dairy & dual pumpose cattle Beef sattle (incl. feeders) Hogs Sheep (including feeders) Poultry Productive divestock (total) Horses Crop, seed, and feed Power Mach, (form chare) Crop and general machinery Livestock equipment Machinery & equipment (total) Miscellameous   | 283<br>321<br>321<br>32488<br>984<br><br>518<br><br>518<br><br>4041<br><br>2016<br>395<br>4158   | \$ 2731<br>1419<br>17<br>658<br>82<br>4957<br>1696<br>2046<br>2357<br>941<br>5354  | Jen. 1  219 216  \$ 1277 728 3 192 11 2211 1735 1343 1699 147 3189        | Dec. 31  \$ 1438 781 3 162 13 2397 1830 1227 1559 317 3103   |  |
| Size of farm (acros) Size of business (work units) **  Dairy and dual jumpose cows Other dairy & dual pumpose cattle Beef castle (incl. feeders) Hogs Sheep (including feeders) Poultry Productive divestock (total) Horses Crop, seed, and feed Power Mach, (fram chare) Crop and general machinery Livestock equipment Machinery & equipment (total) Miscellameous Land  | 283<br>321<br>3 2488<br>984<br>518<br>518<br>4041<br>1338<br>1747<br>2016<br>395<br>4158   | \$ 2781<br>1419<br>17<br>658<br>82<br>4957<br>1896<br>2046<br>2357<br>941<br>5354  | Jon. 1  219 216  \$ 1277 728 3 192  11 2211  1735 1343 1699 147 3189 2933 | \$ 1438<br>781<br>3 162<br>  |  |
| Size of farm (acros) Size of business (work units) **  Dairy and dual purpose cows Other dairy & dual purpose cattle Becf castle (incl. feeders) Hogs Sheep (including feeders) Poultry Productive hivestock (total) Horses Crop, soed, and feed Power Fach, (form chare) Crop and general machinery Livestock equipment Machinery & equipment (total) Miscellaneous   | 283<br>321<br>321<br>32488<br>984<br><br>518<br><br>518<br><br>4041<br><br>2016<br>395<br>4158   | \$ 2731<br>1419<br>17<br>658<br>82<br>4957<br>1696<br>2046<br>2357<br>941<br>5354  | Jen. 1  219 216  \$ 1277 728 3 192 11 2211 1735 1343 1699 147 3189        | \$ 1438<br>781<br>3<br>162<br>   |  |
| Size of farm (acros) Size of business (work units) **  Dairy and dual jumpose cows Other dairy & dual pumpose cattle Beef castle (and, feeders) Hogs Sheep (including feeders) Poultry Productive hivestock (total) Horses Crop, soed, and feed Power Mach, (form chare) Crop and general machinery Livestock equipment Machinery & equipment (total) Miscellameous Land   | 283<br>321<br>3 2488<br>984<br>518<br>518<br>4041<br>1338<br>1747<br>2016<br>395<br>4158   | \$ 2781<br>1419<br>17<br>658<br>82<br>4957<br>1896<br>2046<br>2357<br>941<br>5354  | Jon. 1  219 216  \$ 1277 728 3 192  11 2211  1735 1343 1699 147 3189 2933 | \$ 1438<br>781<br>3<br>162<br><br>13<br>2397<br><br>1830<br>1227<br>1559<br>317<br>3103  |  |

TABLE 2. SUMMARY OF FARM EARNINGS (CASH STATEMENT), 1956

| Items  | Your<br>farm   | Average<br>of 28<br>farms | 9 Most<br>profitable<br>farns  | 9 least<br>profitable<br>farms              |
|--|--|---------------------------|--|---|
| FARM RECEIPTS  | 1. C.1.1.1   | CULTIO                    | THE COURT OF THE PROPERTY OF T | er archinearchitecture. E. ada inc e. a pas |
| Dairy and dual-purpose cattle  |  | \$ 69 <b>8</b>            | \$ 743   | \$ 48 <b>2</b>                              |
| Dairy products   |  | 3250                      | 5266   | 1304  |
| Hogs   |  | 581                       | 1075   | <b>4</b> 96                                 |
| Sheep and wool   |  | 39                        | -  | ••  |
| Horses   |  | -                         | <b>-</b>   | *   |
| Poultry  | ***  | 18                        | 38   | 3   |
| Eggs   | ***  | 92                        | 157  | 13  |
| Corn   | فكتهد منصلات بيده وتوانع   | 171                       | 205  | 265   |
| Small grain  |  | 11                        | -  | 11  |
| Other crops  |  | 109                       | 9  | 271   |
| Mach. & equip sold & gas tax refund                                  | -  | 88                        | 157  | 53  |
| Income from work off the farm  | -  | 206                       | 94   | 237   |
| Miscellaneous  | -  | 106                       | 100  | 132   |
| (1) Total farm sales   |  | 5369                      | 7844   | 3767  |
| (2) Increase in farm capital   |  | 1692                      | 31.57  | 42.7  |
| (3) Family living from the farm                                      |  | 3.41                      | 397  | 345   |
| (4) Total farm receipts(1)+(2)+(3)                                   | <del></del>  | 7402                      | 11398  | 4539  |
| FARM EXPENSES  |  | 221                       | 100  |   |
| Dairy and dual-purpose cattle bough                                  | t  | 236                       | 429  | 219   |
| Beef cattle bought (incl.feeders)                                    |  | 6                         | 17   | ***   |
| Hogs bought  | -  | 48                        | 65   | 53  |
| Horses bought  | (mare site and control of the site of the  | -                         | <b>***</b>   | -   |
| Poultry bought   |  | 12                        | 20   | , 3   |
| Misc. livestock expense  |  | 111                       | 208  | 44  |
| Feed bought  | -  | 846                       | 1496   | 357   |
| Fertilizers  |  | 174                       | 216  | 101   |
| Other crop expenses<br>Custom work hired                             | point or hardy a fire against  | 183                       | 215<br>42 <b>1</b>   | 146   |
|  |  | 273                       |  | 232<br>267                                  |
| Gas, oil & grease bought (f.share) Repair mechanical power (f.share) |  | 40 <b>4</b><br>222        | 482<br>208   | 36 <b>4</b>                                 |
| Repair & upkeep of real estate                                       |  | 2.2.2<br>87               | 208<br><b>81</b>   | 232<br>8 <b>5</b>                           |
| Repair & upkeep crop & gen. mach.                                    | -  | 131                       | 160  |   |
| Repair & upkeep livestock equip.                                     | -  | 37                        |  | 76<br>16                                    |
| Wages of hired labor   |  | 66                        | 55<br>42   | 78  |
| Electricity expense (farm share)                                     | -  | 113                       | 150  | 105   |
| Real estate & pers. property taxes                                   |  | 179                       | 202  | 152   |
| General farm expense   | -  | 90                        | 90   | 79  |
| (5) Total cash operating expense                                     |  | 3218                      | 4557   | 2342  |
| (6) Cap. purch. mech. pow. (f. share)                                |  | 398                       | 590  | 106   |
| (7) " " crop & gen. mach.  | temámoposera karjana   | 41.3                      | 797  | 197   |
| (3) " " livestock equip.   | EMBANIFER DANIES CANADIA   | 320                       | 617  | 217   |
| (9) " " bldgs.& foncing  |  | 429                       | 652  | 408   |
| (10) Total farm purch. (5) to (9)                                    |  | 4778                      | 7213   | 3270  |
| (11) Decrease in farm capital  | -  | 4770                      | (~±)<br>-  | )~10<br>-                                   |
| (12) Interest on farm capital  |  | 741                       | 830  | 648   |
| (13) Unpaid family labor   | And security of the last of th | 145                       | 165  | 152   |
| (14) Board furnished hired labor                                     |  | 5                         |  | 12  |
| (15) Total farm exp. (10) to (14)                                    |  | <b>5</b> 669              | 8208   | 4082  |
| (16) Labor earnings (4) - (15)                                       | **********   | 1733                      | 3190   | 457   |
|  |  | -,,,,                     | J=/~   | 7/1   |

TABLE 3. SUMMARY OF FARM EARNINGS (ENTERPRISE STATEMENT) 1956 \*

| Itens   | Your<br>farn                                | Average<br>of 28<br>Farns | 9 Most<br>profitable<br>farms | 9 least<br>profitable<br>farms |
|---|---|---------------------------|-------------------------------|--------------------------------|
| METURNS AND MAT THOREASES  Dairy and deal perpode cows            |   | <b>3574</b>               | ∂ 5726                        | \$ 202 <b>4</b>                |
| Other dairy & dual purpose cattle Feeder cattle                   | -   | 961                       | 1075                          | 646                            |
| Hogs  |   | 592                       | 1.160                         | 447                            |
| Shee <sub>k</sub> -fara flo <b>ck</b><br>Chickens                 | territoria . o municipia                    | 37<br>_153                | 280                           | 41                             |
| All productive livestock  |   | 5316                      | 8241                          | 3158                           |
| Value of food fod to livestock<br>Return over food from livestock | diana erameter i de migna                   | 2709<br>2607              | 3846<br>4 <b>3</b> 95         | 1937<br>1221                   |
| Crops, seed and feed  |   | 2113                      | 2510                          | 1923                           |
| Income from labor off the farm Agricultural conservation payment  |   | 198<br>24                 | 94<br><del>-</del>            | 231<br>38                      |
| Miscellaneous (1) Total roturns & net increases                   |   | 82<br>5024                | <b>1</b> 00<br><b>7</b> 099   | 94<br>3507                     |
| EXPENSES AND NET DECREASES  |   |                           | .,                            |                                |
| Horses  |   | 6                         | -                             | •••                            |
| Truck<br>Auto (farm share)  |   | 145<br>241                | 117<br>246                    | <b>142</b><br>278              |
| Tractor   |   | 431                       | 530                           | 355                            |
| Elec.& gas engine exp.(f.share)<br>Hired power                    | Mariemand C. Laguerra (C. L. S. Trop.       | 84<br>263                 | 95<br>421                     | 100<br>232                     |
| Total power   |   | 1170                      | 1409                          | 1107                           |
| Crop and general nachinary<br>Livestock equipment                 |   | 459<br>111                | 54 <b>5</b><br>176            | 408                            |
| Buildings, funcing & tiling                                       |   | 238                       | 243                           | 64<br>311                      |
| Misc.productive livestock exp. Labor                              |   | 111<br>203                | 208                           | 44                             |
| Real estate taxes   |   | 123                       | 206<br>140                    | 23 <b>7</b><br>10 <b>7</b>     |
| Personal property tax   |   | 56                        | 62                            | 45                             |
| Insurance<br>General farm   | THE RECORDED TO SERVE                       | 46<br>44                  | 43<br>47                      | 46<br>33                       |
| Interest on farm capital  |   | 741                       | 830                           | 648                            |
| (2) Total exp. & net decreases                                    | eridgeshels samts replantifikas             | 3291                      | 3909                          | 3050                           |
| (3) Operator's earnings (1)-(2)                                   | h disk a reconscilent over the real Spinish | 1733                      | 31.90                         | 457                            |

<sup>\*</sup> Cash receipts and expenses are adjusted for changes in inventory for each enterprise and for each item of expense in order to show total receipts and net increases, and total expenses and net decreases. The operator's earnings are the same as these on page 4.

### FAMILY LIVING FROM THE FARM

The family living from the form is the estimated value of the farm produce used in the house and shelter furnished the farmer and his family by the farm. It is a part of the income of the farm and a part of the expense of operating the household even though cash transactions are not involved. The omission of the farm produce used in the home results in an incomplete record of both farm income and personal expense.

The value of the family living as shown in Table 4 amounts to 4.9 per cent of the total farm receipts on those farms. The values assigned are a conservative market price on the farm. If these products had been purchased, the amount paid out would have been considerably higher.

| Table 4.  | FAMILY LIVING   | Parish harmon and have an in-                                       | 4, 1956  | NECONOMINADO I PRESIDENTA SE PRIME ANT. 15 - MINISTERNA PRESIDENTA |
|---|---|---|--|--|
| Items   | Your<br>Farm  | Average<br>25<br>Farns  | Your<br>Farm   | Average<br>25<br>Farns   |
| Adult equiv family - others   |   | 3.3   |  |  |
| Whole milk Skim milk Cream Beef Hogs Lamb and Mutton Poultry Eggs Potatoes Vegetables & Fruit Farm Fuel Total | georgian Annah - Georgian<br>georgian Annah - Georgian<br>georgian Annah - Georgian<br>georgian - Annah - Georgian | 1414 qts. 14 qts. 123 pts 452 lbs. 161 lbs.  25 hens 76 doz. 7 bus. | gang demonstration of the committee of t | \$ 135<br>25<br>53<br>24<br>-<br>19<br>24<br>8<br>34<br>48<br>370  |

<sup>\* 25</sup> farmers reported complete records on family living from the farm.

### HOUSEHOLD AND PERSONAL EXPENSES AND RECEIPTS

Household and personal accounts are important if the family is to manage its financial affairs wisely. The household and personal expenses and receipts are presented in Table 5. These farmers spent an average of \$142 per month for family living in addition to the food, fuel and housing furnished by the farm.

Table 5. HOUSEHOLD AND PERSONAL EXPENSES FOR

| THOSE FARMS WHICH KEPT COMPLETE   | ACCOUNTS   | OF THESE EX   | PENSES, 1956  |  |
|---|--|---|---|--|
| Itams   | Your<br>Farm   | Average<br>of 17<br>Farms   | 6 most<br>Profit.<br>Farms  | 6 least<br>Profit.<br>Farms  |
| Number of persons - family  | *************************  | 4.7   | 5.6   | 4.3  |
| Number of Adult equiv family other *  |  | 3.2<br>1.3  | 4.0   | 2,9  |
| Food and meals bought Operating and supplies Furnishings and equipment Clothing and clothing materials Personal care, personal spending Education, recreation and development Gifts and special events Medical care and health insurance Church, welfare Personal share of auto expense Operator's share of upkeep on dwelling Household share of electric expense Total cash living expense H.H. & pers. share of new auto New dwelling Taxes and other deductions Life insurance Other savings and investments Total household & personal cash exp. |  | \$ 612<br>86<br>74<br>192<br>43<br>189<br>56<br>200<br>66<br>104<br>10<br>67<br>1699<br>52<br>138<br>63<br>25<br>44<br>2021 | \$ 782<br>100<br>61<br>297<br>60<br>134<br>77<br>209<br>116<br>174<br>10<br>91<br>2111<br>8<br>360<br>141<br>57 | \$ 535<br>83<br>76<br>182<br>35<br>259<br>32<br>277<br>43<br>98<br>14<br>50<br>1684<br>91<br>92<br>29<br>125<br>2030 |
| Total family living from the farm Total cash expenses & perquisites   |  | 40 <b>5</b><br>2426   | 510<br>3187   | 40 <b>1</b><br>2431  |
| Receipts: Return to capital and family labor Miscellaneous income Income from investments   | general de la companidad de la general de la general de la companidad de la general de la companidad de la general | 2141<br>402<br>261  | 4274<br><br>791   | 8 <b>5</b> 0<br>828<br><b>1</b> 5  |

<sup>\*</sup> Hired help or others boarded.

### NET WORTH

A net worth statement includes a listing of all the assets and liabilities as of a given date. The difference between the farmer's total assets and his liabilities is his net worth. A net worth statement for owners, part owners and owners renting additional land is presented in Table 6. Both the farm and personal assets and liabilities are included.

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

TABLE (. NET WORTH STATEMENT FOR THOSE FARMERS WHO KEPT A COMPLETE AEGEND OF ALL ASSETS APD LIABILITIES, 1956 (Operator's Share)

|  |  | our I   |  | A   |   |   | wners  |  |
|--|--|---------|--|---|---|---|--|--|
| Items  | Jan.   |         | Doc.   | 31  | Jan.  |   | Dec. 3   | 1  |
| Total acres in farm  | · · · · · · · · · · · · · · · · · · ·  |         | ***************************************  |   |   | 05  | and the second s | <del></del>  |
| Orland   |  |         |  |   |   | 05  |  |  |
| Restod   |  |         |  |   |   | _   |  |  |
| Total Farm Capital   |  |         |  |   | <b>\$1.36</b>   | 56  | \$1474   | 5  |
| Stocks and bonds   |  | •       | •  |   | 11  |   | 82   |  |
| Lade sascrence   | Brown & manage ray   | -       | State of Square  |   |   | 60  | 60   |  |
| Accounts receivable  | With Daniel Co.  | -       |  |   |   | -   |  |  |
| Outside real estate  | MARITURAL SERVICE SE   | ·····   |  |   |   | -   |  |  |
| Other outside investments  | STANDARD A DATE  | ***     | ts' Carles   | A-1000  |   | 45  | /.   | 7  |
| Total Outside Investments  | Shirt Street Co. Market 1871 WE  | -       | -  |   | 17  |   | 1470   | ,<br>S   |
| Dwelling   | a management   | •       | -  |   | 201   |   | 239  |  |
| Cash on hand and in bank   | teran standards a  | -       | ****   | and at a spinor   |   | 58  | 42   |  |
| Other household and personal asset   | S  | -       | -  | ~~~   | 158   |   | 155  |  |
| Total cash, H. H. & personal assets  | **********   | _       |  |   | <b>5</b> 含  |   | 584  |  |
| TOTAL ASSETS   |  | -       |  | -   | 1950  |   | 2058   |  |
| Foderal Land Bank Mortgage   |  | -       | ***********  | all trade to  | //-   | -   | -  | •  |
| Other mortgage on land operated  |  | -       |  | T   | 228   | 33  | 219  | 5  |
| Mortgages on other real estate   |  | _       | -  |   | -   | _   |  | -  |
| Froduction Credit Association  |  | -       | -  |   | _   | -   | -  |  |
| Crop loans   | - AL 1. MI MARIAN I., S.   | -       | ***********  |   | _   | _   | _  |  |
| Other chattel mortgages  | Control of the Control of Control  | -       | <b>Jacobson Grand</b> 11   |   | 41  | 46  | 273  | 1  |
| Notes payable  | Tan have as he same  | -       |  | -   | 53  |   | 882  |  |
| Accounts payable   |  | _       | de septembre relativ   |   | 62  |   | 79   |  |
| TOTAL LIABILITIES  |  | •       | Profession   |   | 388   |   | 4162   |  |
| Farmer's net worth   |  | •       | Caralles (St. 1) a Cara  | +   | 1562  | -   | 16425  |  |
| Gain in net worth  |  |         | man addression - 3 Orders  | economia.   | -   | -   | + 802  |  |
| Andread Control of Colomo Control of the Control of |  |         | -  | er chan   |   |   | T 004  | •  |
| Control Contro | 2 Por  | + 01.12 | one*   | ern <b>ens</b><br>E 7-6-13 secrezado  | "] <b>"]</b>  | Ron   |  | d<br><del>Am distribustions</del> , as                           |
| Items  | 2 Par  |         |  |   |   |   | ters**   | <del>den et ingene p</del> ang, av                               |
| Items  | Jan. 1   |         | ers*   |   | Jan.  | 1   |  | <del>den et ingene p</del> ang, av                               |
|  | Jan. 1<br>350  | I       |  |   | <b>Ja</b> n.<br>29  | <u>1</u><br>9   | ters**   | <del>den et ingene p</del> ang, av                               |
| Items Total acres in farm  | Jan. <u>]</u><br>350<br>320  | I<br>)  |  |   | <b>J</b> an.<br>29<br>19  | 1<br>9<br>7   | ters**   | <del>den et ingene p</del> ang, av                               |
| Items Total acres in farm Owned Rentcd   | Jan. 1<br>350<br>320<br>30   | I<br>)  | ec.  | 31  | <b>Ja</b> n.<br>29<br>19<br>10  | 1<br>9<br>7<br>2  | ters**<br>Dec. 31  | A ST O'R. I Migracoly ang. , , , , , , , , , , , , , , , , , , , |
| Items Total acres in farm Owned Rentcd Total farm capital  | Jan. <u>]</u><br>350<br>320  | I<br>)  |  | 31  | Jan.<br>29<br>19<br>10<br>\$1417  | 1<br>9<br>7<br>2  | ters**<br>Dec. 31<br>\$16647   |  |
| Items Total acres in farm Owned Rented Total farm capital Stocks and bonds   | Jan. 1<br>350<br>320<br>30   | I<br>)  | <sup>)</sup> ec.<br>51:  | 31<br>87  | Jan.<br>29<br>19<br>10<br>\$1417<br>4   | 1<br>9<br>7<br>2<br>9<br>6  | ters**<br>Dec. 31<br>\$16647<br>50   |  |
| Items Total acres in farm Owned Rented Total farm capital Stocks and bonds Life insurance  | Jan. 1<br>350<br>320<br>30   | I<br>)  | <sup>)</sup> ec.<br>51:  | 31  | Jan.<br>29<br>19<br>10<br>\$1417  | 1<br>9<br>7<br>2<br>9<br>6  | ters**<br>Dec. 31<br>\$16647   |  |
| Items Total acres in farm Owned Rentcd Total farm capital Stocks and bonds Life insurance Accounts receivable  | Jan. 1<br>350<br>320<br>30   | I<br>)  | <sup>)</sup> ec.<br>51:  | 31<br>87  | Jan.<br>29<br>19<br>10<br>\$1417<br>4<br>11                                   | 1<br>9<br>7<br>2<br>9<br>6<br>3                                       | ters**<br>Dec. 31<br>\$16647<br>50   |  |
| Items Total acres in farm Owned Rented Total farm capital Stocks and bonds Life insurance Accounts receivable Outside real estate  | Jan. 1<br>350<br>320<br>30<br>\$ 4669<br>-<br>-                                    |         | 51:  | 31<br>67<br>97  | Jan.<br>29<br>19<br>10<br>\$1417<br>4<br>11<br>-<br>7                         | 1<br>9<br>7<br>2<br>9<br>6<br>3                                       | ters**<br>Dec. 31<br>\$16647<br>50<br>120  |  |
| Items Total acres in farm Owned Rentcd Total farm capital Stocks and bonds Life insurance Accounts receivable  | Jan. 1<br>350<br>320<br>30<br>\$ 4869<br>-<br>-<br>-<br>150                        |         | 51<br>51   | 3 <u>1</u><br>-<br>-<br>-<br>-<br>-<br>50   | Jan.<br>29<br>19<br>10<br>\$1417<br>4<br>11<br>-<br>7                         | 1<br>9<br>7<br>2<br>9<br>6<br>3                                       | ters**<br>Dec. 31<br>\$16647<br>50<br>120<br>-<br>31   |  |
| Items Total acres in farm Owned Rented Total farm capital Stocks and bonds Life insurance Accounts receivable Outside real estate Other outside investments  | Jan. 1<br>350<br>320<br>30<br>\$ 4669<br>-<br>-<br>-<br>150<br>150                 |         | 51:<br>1:  | 31<br>-<br>97<br>-<br>50<br>47  | Jan.<br>29<br>19<br>10<br>\$1417<br>4<br>11<br>-<br>7<br>3                    | 1<br>29<br>7<br>29<br>66<br>3<br>0<br>2                               | ters** Dec. 31 \$16647 50 120 - 31 201   |  |
| Items Total acres in farm Owned Rented Total farm capital Stocks and bonds Life insurance Accounts receivable Outside real estate Other outside investments Total outside investments  | Jan. 1<br>350<br>320<br>30<br>\$ 4669<br>-<br>-<br>-<br>150<br>150<br>420          |         | 51:<br>  | 27<br>-<br>97<br>-<br>50<br>47  | Jan.<br>29<br>19<br>10<br>\$1417<br>4<br>11<br>-<br>7<br>3<br>26<br>149       | 1<br>99<br>7<br>29<br>6<br>3<br>3<br>0<br>2<br>2                      | iters** Dec. 31  \$16647 50 120 - 31 201 1445  |  |
| Items Total acres in farm Owned Rented Total farm capital Stocks and bonds Life insurance Accounts receivable Outside real estate Other outside investments Total outside investments Dwelling Cash on hand and in bank  | Jan. 1<br>350<br>320<br>30<br>\$ 4869<br>-<br>-<br>150<br>150<br>420<br>726        |         | 51;<br>6;<br>-<br>1;<br>22,<br>40,   | 27<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                 | Jan.<br>29<br>19<br>10<br>\$1417<br>4<br>11<br>-<br>7<br>3<br>26<br>149<br>25 | 1<br>9<br>7<br>2<br>9<br>6<br>3<br>0<br>2<br>9                        | \$16647<br>50<br>120<br>-<br>31<br>201<br>1445<br>310  |  |
| Items Total acres in farm Owned Rentcd Total farm capital Stocks and bonds Life insurance Accounts receivable Outside real estate Other outside investments Total outside investments Dwelling Cash on hand and in bank Other H. H. and personal assets  | Jan. 1<br>350<br>320<br>30<br>\$ 4669<br>-<br>-<br>150<br>150<br>420<br>726<br>425 |         | 51:<br>51:<br>1:<br>24:<br>40:<br>54:  | 21<br>27<br>-<br>97<br>-<br>50<br>47<br>05<br>60  | Jan. 29 19 10 \$1417 4 11 - 7 3 26 149 25                                     | 1<br>97<br>29<br>63<br>30<br>22<br>90                                 | \$16647<br>50<br>120<br>-<br>31<br>201<br>1445<br>310<br>771   |  |
| Items Total acres in farm Owned Rented Total farm capital Stocks and bonds Life insurance Accounts receivable Outside real estate Other outside investments Total outside investments Dwelling Cash on hand and in bank  | Jan. 1<br>350<br>320<br>30<br>\$ 4669<br>-<br>-<br>150<br>150<br>420<br>726<br>425 |         | 510<br>510<br>6<br>12<br>22<br>40<br>40<br>52<br>165                               | 27<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                 | Jan. 29 19 10 \$1417 4 11 - 7 3 26 149 25 80 281                              | 1<br>97<br>29.6<br>3<br>3<br>0<br>2<br>9<br>0<br>3                    | \$16647<br>50<br>120<br>-<br>31<br>201<br>1445<br>310<br>771<br>2728   |  |
| Items Total acres in farm Owned Rented Total farm capital Stocks and bonds Life insurance Accounts receivable Outside real estate Other outside investments Total outside investments Dwelling Cash on hand and in bank Other H. H. and personal assets Total cash, H. H. and personal assets  | Jan. 1<br>350<br>320<br>30<br>\$ 4669<br>-<br>-<br>150<br>150<br>420<br>726<br>425 |         | 51:<br>51:<br>1:<br>24:<br>40:<br>54:  | 27<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                 | Jan. 29 19 10 \$1417 4 11 - 7 3 26 149 25                                     | 1<br>97<br>29.6<br>3<br>3<br>0<br>2<br>9<br>0<br>3                    | \$16647<br>50<br>120<br>-<br>31<br>201<br>1445<br>310<br>771   |  |
| Items Total acres in farm Owned Rented Total farm capital Stocks and bonds Life insurance Accounts receivable Outside real estate Other outside investments Total outside investments Dwelling Cash on hand and in bank Other H. H. and personal assets Total cash, H. H. and personal assets  | Jan. 1<br>350<br>320<br>30<br>\$ 4669<br>-<br>-<br>150<br>150<br>420<br>726<br>425 |         | 510<br>510<br>6<br>12<br>22<br>40<br>40<br>52<br>165                               | 27<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                 | Jan. 29 19 10 \$1417 4 11 - 7 3 26 149 25 50 1699                             | 1<br>97<br>29<br>6<br>3<br>3<br>0<br>2<br>2<br>9<br>0<br>3<br>2       | \$16647<br>\$16647<br>50<br>120<br>-<br>31<br>201<br>1445<br>310<br>771<br>2728<br>19375   |  |
| Items Total acres in farm Owned Rented Total farm capital Stocks and bonds Life insurance Accounts receivable Outside real estate Other outside investments Total outside investments Dwelling Cash on hand and in bank Other H. H. and personal assets Total cash, H. H. and personal assets Federal Land Bank Mortgage Other nortgages on land operated Mortgages on other real estate   | Jan. 1<br>350<br>320<br>30<br>\$ 4669<br>-<br>-<br>150<br>150<br>420<br>726<br>425 |         | 510<br>510<br>6<br>12<br>22<br>40<br>40<br>52<br>165                               | 27<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                 | Jan. 29 19 10 \$1417 4 11 - 7 3 26 149 25 80 281                              | 1<br>97<br>29<br>6<br>3<br>3<br>0<br>2<br>2<br>9<br>0<br>3<br>2       | \$16647<br>50<br>120<br>-<br>31<br>201<br>1445<br>310<br>771<br>2728<br>19375  |  |
| Items Total acres in farm Owned Rented Total farm capital Stocks and bonds Life insurance Accounts receivable Outside real estate Other outside investments Total outside investments Dwelling Cash on hand and in bank Other H. H. and personal assets Total cash, H. H. and personal assets Total cash and Eank Mortgage Other nertgages on land operated Mortgages on other real estate Crop leans  | Jan. 1<br>350<br>320<br>30<br>\$ 4669<br>-<br>-<br>150<br>150<br>420<br>726<br>425 |         | 510<br>510<br>6<br>12<br>22<br>40<br>40<br>52<br>165                               | 27<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                 | Jan. 29 19 10 \$1417 4 11 - 7 3 26 149 25 50 1699                             | 1<br>97<br>29<br>6<br>3<br>3<br>0<br>2<br>2<br>9<br>0<br>3<br>2       | \$16647<br>50<br>120<br>-<br>31<br>201<br>1445<br>310<br>771<br>2728<br>19375  |  |
| Items Total acres in farm Owned Rented Total farm capital Stocks and bonds Life insurance Accounts receivable Outside real estate Other outside investments Total outside investments Dwelling Cash on hand and in bank Other H. H. and personal assets Total cash, H. H. and personal assets Total cash, H. H. and personal assets Total cash, H. H. and personal assets Total cash and Eank Mortgage Other nortgages on land operated Mortgages on other real estate Crop leans Other chattel mortgages  | Jan. 1<br>350<br>320<br>30<br>\$ 4669<br>-<br>-<br>150<br>150<br>420<br>726<br>425 |         | 510<br>510<br>6<br>12<br>22<br>40<br>40<br>52<br>165                               | 57<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                 | Jan. 29 19 10 \$1417 4 11 - 7 3 26 149 25 80 281 1699                         | 1<br>97<br>29.6<br>3<br>3<br>0<br>2<br>2<br>9<br>0<br>3<br>2<br>3     | Dec. 31  316647 50 120 - 31 201 1445 310 771 2728 19375 1542 251 23  |  |
| Items Total acres in farm Owned Rented Total farm capital Stocks and bonds Life insurance Accounts receivable Outside real estate Other outside investments Total outside investments Dwelling Cash on hand and in bank Other H. H. and personal assets Total cash,  | Jan. 1  350 320 30 \$4669 150 150 420 726 425 1721 6590                            |         | 51:<br>51:<br>6:<br>22:<br>40:<br>52:<br>6:82:                                     | 57<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                 | Jan. 29 19 10 \$1417 4 11 - 7 3 26 149 25 50 281 1699 - 965                   | 1<br>97<br>29<br>63<br>30<br>22<br>90<br>32<br>3                      | ters** Dec. 31  \$16647 50 120 - 31 201 1445 310 771 2728 19375 1542 251 23 734  |  |
| Items Total acres in farm Owned Rented Total farm capital Stocks and bonds Life insurance Accounts receivable Outside real estate Other outside investments Total outside investments Dwelling Cash on hand and in bank Other H. H. and personal assets Total cash,  | Jan. 1  350 320 30 \$4669 150 150 420 726 425 1721 6590                            |         | 51:<br>51:<br>6:<br>22:<br>40:<br>52:<br>6:82:                                     | 57<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-<br>-                 | Jan.  29 19 10 \$1417 4 11 -7 3 26 149 25 50 281 1699 - 965                   | 1<br>97<br>29<br>63<br>30<br>22<br>90<br>32<br>35                     | ters** Dec. 31  \$16647 50 120 - 31 201 1445 310 771 2728 19375 1542 251 23 734 422  |  |
| Items Total acres in farm Owned Rented Total farm capital Stocks and bonds Life insurance Accounts receivable Outside real estate Other outside investments Total outside investments Dwelling Cash on hand and in bank Other H. H. and personal assets Total cash, H. H. and personal assets  | Jan. 1  350 320 30 \$4669 150 150 420 726 425 1721 6590                            |         | 51:<br>51:<br>6:<br>22:<br>40:<br>52:<br>6:82:                                     | 27<br>  | Jan. 29 19 10 \$1417 4 11 -7 3 26 149 25 50 281 1699 - 96 30 30 328           | 1<br>97<br>296<br>3<br>3<br>0<br>2<br>2<br>9<br>3<br>3<br>7<br>5<br>3 | Dec. 31  \$16647 50 120 - 31 201 1445 310 771 2728 19375 - 1542 251 23 734 422 1508  |  |
| Items Total acres in farm Owned Rented Total farm capital Stocks and bonds Life insurance Accounts receivable Outside real estate Other outside investments Total outside investments Dwelling Cash on hand and in bank Other H. H. and personal assets Total cash, H. H. and personal assets Federal Land Bank Mortgage Other nortgages on land operated Mortgages on other real estate Crop leans Other chattel mortgages Notes payable Accounts payable TOTAL LIBRITITIES Farmer's net worth  | Jan. 1 350 320 320 30 \$ 4669 150 420 726 425 1721 6590 - 286                      |         | 51:<br>6:<br>1:<br>22:<br>40:<br>56:<br>682:                                       | 27<br>  | Jan.  29 19 10 \$1417 4 11 -7 3 26 149 25 50 281 1699 - 965                   | 1<br>97<br>2963<br>30229032<br>3                                      | Dec. 31  \$16647 50 120 - 31 201 1445 310 771 2728 19375 - 1542 251 23 734 422 1508 7480   |  |
| Items Total acres in farm Owned Rented Total farm capital Stocks and bonds Life insurance Accounts receivable Outside real estate Other outside investments Total outside investments Dwelling Cash on hand and in bank Other H. H. and personal assets Total cash, H. H. and personal assets  | Jan. 1 350 320 320 30 \$4669 - 150 150 425 726 425 1721 6590 - 286 - 286           |         | 51:<br>1:<br>2:<br>4:<br>5:<br>10:<br>10:<br>10:<br>10:<br>10:<br>10:<br>10:<br>10 | 27<br>- 97<br>- 50<br>47<br>550<br>44<br>56<br>53<br>- 50<br>- 50<br>- 50<br>- 50<br>- 50<br>- 50<br>- 50<br>- 50 | Jan. 29 19 10 \$1417 4 11 -7 3 26 149 25 80 281 1699 - 96 309 328 250         | 1<br>97<br>2963<br>30229032<br>3                                      | Dec. 31  \$16647 50 120 - 31 201 1445 310 771 2728 19375 - 1542 251 23 734 422 1508  |  |

<sup>\*</sup> Rented on shares

\*\* Owners renting additional land
There were no outright renters.

| There  | Your<br>Farm   | 13<br>Owners                               | 2 Part<br>Owners         | 12 Owners<br>Renting Add. |
|--|--|--|--------------------------|---------------------------|
| Items<br>FARM LECEIPTS   |  | P. ANDRESSON B. Albringhand designation by |                          | Land                      |
| Dairy and Dual-purpase Cows  |  | <i>3</i> 719                               | ្នុំ 287                 | \$ 66 <b>4</b>            |
| Dairy Products   | gir oʻgʻatağı imigray et syalism   | 2529                                       | 2174                     | 3630                      |
| Boef conttle   |  | ~ )~ /                                     | ~_14                     | J0J0<br>••                |
| Hogs   | Ormalism (Frankrik) sinninggyi   | 456  | •                        | 776                       |
| Sheep and wool   |  | 76   | _                        | 4                         |
| Peultry  |  | 7  | 33                       | 21                        |
| $\mathbf{E}_{\mathbf{G}_{i}}$ 's                                   | allen primejermijska diranjujus  | 57   | 62                       | 119                       |
| Horses   |  |  | -                        | _                         |
| Corn   |  | 184  | -                        | 172                       |
| Snall grain  |  | 11   | -                        | 29                        |
| Other crops  |  | 181  | 21                       | 13                        |
| Mach. & equip, sold & gas tax refund Income from work off the farm | dim firster vivo duvinos   | 60<br><b>21</b> 0                          | 3 <i>5</i><br>2 <b>5</b> | 109<br>238                |
| Miscellaneous  |  | 130  | 50                       | 92                        |
| (1) Total farm sales   | Comment of the second comments of the  | 4620                                       | 2687                     | 5967                      |
| (2) Increase in Farm capital                                       | grafiq), - si ferro-djej in lje senglik (li  | 1186                                       | 256                      | 2621                      |
| (3) Family living from the farm                                    |  | 256  | 238                      | 412                       |
| (4) Total farm receipts (1)+(2)+(3)                                |  | 6062                                       | 3181                     | 9000                      |
| FARM EXPENSES  |  |  |                          |                           |
| Dairy and dual-purpose cows bought                                 |  | <b>13</b> 0                                | 19                       | 503                       |
| Beef cattle bought   | - Charles Sander Street Charles Charles  | . 3  | -                        | 15                        |
| Hogs bought  | (Self) distinger requesiones, sep  | 42   | -                        | 53                        |
| Shoop bought   |  | -  | -                        | <b>-</b>                  |
| Horses bough <b>t</b><br>Poultry bough <b>t</b>                    | -  | 9  | 12                       | ్ట<br>12                  |
| Miscellaneous livestock expenses                                   | Carticle or admirity factory and a species   | 107  | 80                       | 104                       |
| Feed bought  | William conducted transferrence  | 451  | 316                      | 1212                      |
| Fertilizers bought   | districtive transportation.  | 148  | 36                       | 157                       |
| Other crop expenses  | Silvatore de representaciones  | 152  | 100                      | 187                       |
| Custom work hired  |  | 209  | 59                       | 356                       |
| Gas, oil & grease bought (farm share)                              |  | 351  | 205                      | 439                       |
| Repair of mech.power (farn share)                                  |  | 209  | 167                      | 202                       |
| Repair & upkcep of real estate                                     | de maddematic solvent demokrad   | 52   | 68                       | <b>7</b> 8                |
| Rop. & upkeep of crop & gen. mach.                                 | AMERICAN DIA STRANGUARDANIA  | 108  | 54                       | 139                       |
| Rep. & upkeep of livestock equip.                                  | exercise de combinações  | 23   | 33                       | 46                        |
| Wages of hired labor<br>Electricity expense (farm share)           | <del></del>  | 65<br>108                                  | 32                       | 61                        |
| Real estate & pers. prop. tax                                      | General Tradjustic as such as in Englishing  | 192  | 96                       | 121<br>134                |
| Cash rent  | and the statement of th | ± /~                                       | <b>7</b> 0               | 182                       |
| General farm expense   |  | 94   | 5 <b>5</b>               | 69                        |
| Interest paid  |  | 162  | 13                       | 124                       |
| (5) Total cash operating expense                                   |  | 2615                                       | 1395                     | 4207                      |
| (6) Capital purchase-mech.pow.(f.share                             | )  | 37 <b>3</b>                                | 400                      | 424                       |
| $= \langle \gamma  angle$ depited purchases error $lpha$ consider. | Company of the section   | 27.5                                       | 1.60                     | 677                       |
| (8) Capital purchases livestock equip.                             |  | 181  | 22                       | 488                       |
| (9) Capital purchases-bldg, & fencing                              |  | 364  | 38                       | 487                       |
| (10) Total farm purchases (5) to (9)                               |  | 3748<br>273                                | 2057                     | 6283<br>                  |
| (11) Decrease in farm capital (12) Interest on farm capital        |  | 241<br>675                                 | 4 <b>0</b><br>388        | 1 <b>11</b><br>850        |
| (13) Unpaid family labor   |  | 46   | <b>5</b> 00              | 290                       |
| (14) Board furnished hired labor                                   |  | 5  | _                        | 16                        |
| (15) Total farm expenses (10) to (14)                              |  | 4715                                       | 2485                     | 7550                      |
| (16) Labor earnings (4) - (15)                                     |  | 1347                                       | 696                      | 1450                      |
| (17) Return to capital & family labor                              |  | 2068                                       | 1084                     | 2590                      |
| (16)+(12)+(13)   | · <del></del>  |  |                          |                           |
|  |  |  |                          |                           |

### RETURNS TO CAPITAL AND FAMILY LABOR

The return to capital and family labor represents the amount available to the operator for living expenses, payment on indebtedness, and savings. The landlerd's expenses and receipts are not included.

The average return to capital and family labor for 13 owners, 2 part owners, and 12 owners renting additional land is shown in Table 7. The statement includes only the operator's share of the earnings of the partnership. The carnings as shown in Table 7 are on an actual basis as compared to the full-owner basis in Tables 2 and 3.

### RANGE IN EARNINGS

Every study of farm earnings shows a wide variation in earnings among farmers in a given year. The average operator's earnings of farmers ranking in the upper third of the range according to earnings was \$31.90 and of those in the lower third was \$457. This is a range of \$2733 between the average earnings of these two groups. Some of the causes for these differences in earnings, such as weather, may be beyond the control of the individual farmer. Other factors are within his control. The more important management factors affecting earnings are as follows: These factors vary from year to year in their relative influence on earnings. 1/

- 1. Crop Yields
- 2. Choice of Crops
- 3. Return from Livestock
- 4. Amount of Livestock
- 5. Size of business
- 6. Work Units per Worker
- 7. Control over Expenses

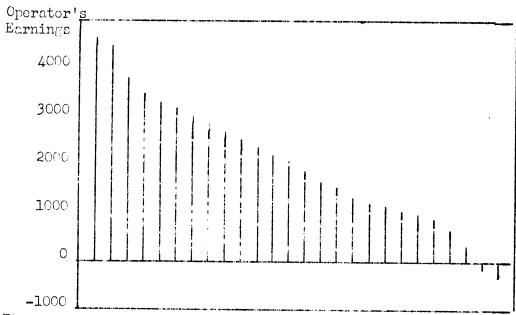


Fig 1. Range in operator's earnings. Each line represents the earnings of one farmer.

<sup>1/</sup> SeePond, G. A. "Why Farm Earnings Vary". Minn. Agri. Expt. Sta. Bul. 386, June, 1945.

### EXPLANATION OF "WORK UNITS"

The total "work units" for any one farm is a measure of the size of that farm business, a work unit as used in this report is the average accomplishment of a farm worker, in a ten hour day, working or crops and productive livestock at an average efficiency or ten hours of work off the farm for pay. The number of work units for each class of livestock and each acre of crop are presented in Table 8 below.

TABLE 8: NUMBER OF WORK UNITS FOR EACH CLASS OF LIVESTOCK AND CROP ACRE

| Item                            | No. of Work Units      |
|---------------------------------|------------------------|
| Dairy and dual purpose cows     | 10.0 per cow           |
| Other dairy and du, pur, cattle | 3.5 per animal unit*   |
| Beef Breeding herd              | 3.5 per animal unit*   |
| Feeder cattle                   | ,25 per cwt.           |
| Sheep- farm flock               | 1.5 per chimal unit*   |
| Sheep- feeders                  | ,3 per cvt.            |
| Hogs                            | <sub>c</sub> 2 per cwt |
| Turkeys                         | .5 per cut.            |
| Hens                            | 20 .0 per 100 hens     |
| Canning peas                    | "5 per acre            |
| Soybeans for grain              | ,5 per a <b>cr</b> e   |
| Potatoes                        | 4.0 per acre           |
| Small grain                     | ,5 per acre            |
| Sugar beets                     | 1,5 per acre           |
| Sweat corn                      | .7 per acre            |
| Corn, husked                    | .7 per acre            |
| Corn, hogged                    | .4 per acre            |
| Corn, shredded                  | 1,5 per acre           |
| Corn, silnge                    | 1.0 per acre           |
| Corn, fodder                    | 1.0 per acre           |
| Silage, other than corn         | 1.0 per acre           |
| Alfalfa hey                     | 6 per cere             |
| Soybean hay                     | .S per acre            |
| Other hay crops                 | ,4 per acre            |

<sup>\*</sup> Animal unit represents one dairy cow or bull, two other dairy cattle, 1½ beef cows or bull, 1 feeder steer or heifer, 3 1/3 other beef cattle, 7 sheep, 14 lambs, 2½ hogs, 5 pigs, 50 hens, or 1,100 lbs of turkeys produced.

| TABLE 9. MEASURES OF FARM ORGANIZATION A   | AND MANA   |   |                              | 1956                          |
|--|--|---|------------------------------|-------------------------------|
| Measures Used In Chart<br>On Page 13   | Your<br>farm   | Average<br>of 28<br>farns                   | profit.                      | ~                             |
| Operator's Labor Earnings  |  | \$1733                                      | \$3190                       | \$457                         |
| (1) Crop Yields*   | gaz vondom ga z trigos, a - portagitirali  | 100   | 112                          | 37                            |
| (2) Per cent Till.land in high ret.crops**   | <del></del>  | 23.9  | 22.0                         | 28,0                          |
| (3) Ret.por \$100 feed to prod.livestock***  |  | 100   | 114                          | 90                            |
| (4) Prod.Livestock units per 100 acres****   |  | 14.2  | 20.5                         | 6.5                           |
| (5) Size of business - work units  |  | 271   | 321                          | 216                           |
| (6) Work units per werker  |  | 203   | 212                          | 165                           |
| (7) Power, mach., equip., & bldg. exp.   |  | \$7,86                                      | \$7 <b>.</b> 71              | \$10,08                       |
| Items related to some of the above measure   | 5 :  | - mirror beliefeld darros enderes Brenderes |                              |                               |
| (3) Index of return for \$100 feed from:<br>Dairy cattle (see pp 18-19)  |  | 100   | 108                          | 100                           |
| Hogs (see p. 17)   |  | 100   | 116                          | 97                            |
| Chickens   |  | 100   | 112                          | 98                            |
| (4) Number of Animan Units   | designations are directed  | 29.6  | 41.5                         | 22.0                          |
| (5) Work units on crops Work units on productive livestock Other work units  | georganic understätenig und esch garvar med en attende understätenig und en attende understätenig und en attende under stäten attende u | 52.5<br>198.1<br>21.2                       | 67.2<br>245.7<br>9.3         |                               |
| (6) Number of family workers<br>Number of hired workers<br>Total number of workers   |  | 1.3<br>.03<br>1.3                           | 1.4<br>.05<br>1.4            | 1.3<br>1.3                    |
| (7) Power expense per work unit<br>Crop mach, expense per work unit<br>Livestock equip.expense per work unit<br>Bldgs & fencing exp. per work unit | manufacture is and manufacture of real   | \$4.77<br>1.65<br>.36<br>1.08               | \$4.50<br>1.84<br>.54<br>.83 | \$6.34<br>1.58<br>.26<br>1.90 |

<sup>\*</sup> Given as a percentage of the average

<sup>\*\*</sup> Crops are marked in Table 10 as (A), (B), (C), and (D). All of the 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.

<sup>\*\*\*</sup> An index weighted by the animal units of livestock

<sup>\*\*\*\*</sup> Acres in timber not pastured, roads, waste and farmstead not included.

### THERECMETER CHIRT

Using your figures from page 12, locate your standing with respect to the various measures of farm organization and management officiency. The averages for the 2d ferms included in this summary are located between the delted lines certes the center of the rage.

| Return Pr. L.S. Lobor High from pro- units |          |              |      |          |                          |              |  |       | nest 1 /zvejerne Ajr v 1 /z |                      |                    |                |  |
|--|----------|--------------|------|----------|--------------------------|--------------|--|-------|-----------------------------|----------------------|--------------------|----------------|--|
| •@£2                                       | J. Com   | Cre,         |      | roturn ( | lactiv                   | io           | per<br>100 .   | Wo    |                             |                      | 72 C C             | - (-)          |  |
|  |          | y <u>ich</u> |      | rops_li  | vesto                    | ock          | 100.   | A- un | its                         | Manage of the second | Work               | 1              | ر در |
| 4100                                       | 100      |              | 36   | 100      |                          | . <b>3</b> 0 |  | 510   |                             | 200                  | ALUMAY, INC. or .  | 1<br>1 2 00    |  |
| 3800                                       | 170      |              | 34   | 170      |                          | <b>2</b> 8   |  | 480 . | LOUIS FAMIL: Y              | 270                  | Des Caracteristics | 4.50           |  |
| 3500                                       | 160      |              | 32   | 160      |                          | 26           |  | 450   |                             | 260 .                |                    | 5,00           |  |
| 3200                                       | 150      |              | 30   | 150      |                          | 24           |  | 420   |                             | 250                  |                    | 5 <b>,</b> 50. | 3.00                                     |
| 2900                                       |          |              | 28   | 140      |                          | 22           |  | 390   |                             | 240                  |                    | 6,00           |  |
| 2600                                       | 130      |              | 26   | 130      | -                        | 20           | and additional confidence of   | 360   |                             | 230                  |                    | 6,50           |  |
| 2300                                       | 120      |              | 24   | 120      | r                        | 18           |  | 330   |                             | 220                  |                    | 7.00           |  |
| 2000                                       | 110      |              | 22 . | 110      |                          | 16           | . A Maria de La Maria dela Maria dela Maria dela Maria de la Maria de la Maria de la Maria de la Maria dela Maria de la Maria de la Maria de la Maria dela Mari | 300   |                             | 21.0                 |                    | 7,50           |  |
| 1700                                       | 100      |              | 20   | 100      |                          | 14           | 22 m   | 270   | u u u u                     | 200                  |                    | ε,ος           | (25) e                                   |
| 1400                                       | 20       |              | 16   | 90       | Er de en Jage Lean d'Ale | 12           |  | 240   |                             | 190                  | <br>               | S,50           |  |
| 1100                                       | 80       |              | 16   | 80       |                          | 10           |  | 210   |                             | 1.80                 |                    | 9.00           |  |
| 800  | 70       |              | 14   | 70       |                          | S            |  | 180   |                             | L70 .                |                    | 9.50           |  |
| 500  | 60       |              | 12_  | 60       |                          | 6            |  | 150   |                             | 160                  |                    | 10.00          |  |
| 200  | 50 _     |              | 10   | 50       |                          | 4 -          |  | 120   |                             | .50                  |                    | 10,50          |  |
| 100  | 40 _     |              | C    | 40       |                          | 2 .          |  | 90    | ]                           | .40                  | च                  | 11,00.         | -  |
|  | <u> </u> |              |      | _\       |                          |              | _  |       | 4                           | -                    | _                  | }_             |  |

TABLE 10. DISTRIBUTION OF ACRES IN FARM, 1956 Your Average of Crop 26 Farms Ratines\* Farm С Barley Wheat С .2 С Oats and oat mistures Total small grain Scybeans С 1.5 Garden - Seed Potatoes Λ Petatoes В .6 Corn Silage С 6.7 Corn Fodder D .1 Corn Grain D 12.2 Oat and pea silage C Total cultivated crops Alfalfa and mixtures В 14.4 Other legumes and mistures В 21.2 Legumes for seed .8 В Timothy and/or Brone D 4.5 Other annual hay D 11.5 Wild hay on tillable land D 1.0 Total tillable land in hay 53.4 Alfalfa & alfalfa mixture pasture Α 1.5 Other legume & mixture pasture C 1.1 D Other tillable pasture 17.3 Total tillable pasture 19.9 D Tillable land not cropped Total tillable land 124.5 Wild hay - non-tillable 7.8 Non-tillable pasture 36.7 Timber (not pastured) 39.8 Roads and waste 28.2 Farnstead Total acres in farm 239.7 Per cent land tillable 49.0 Fer cent tillable land in high return crops 26.3

<sup>\*</sup> The crops are classified as A, B, C, or D crops on the basis of their average net returns per acre.

TABLE 11, CROP YIELDS PER ACRE, 1956

| The second secon |                      |   | Average of   |
|--|----------------------|---|--|
|  |                      | Your  | farms growing  |
| Crop   |                      | farn  | each crop  |
| Oaus, bu.  |                      |   | 33   |
| Wheat, bu.   |                      | em water, water with                        | 25   |
| Barley, bu.  |                      | AV-AMMAZAMINANI MIND                        | 29   |
| Fotteboes, bu.   |                      | March As Line - Security of Assistantia     | 182  |
| Grace sillago, ton   |                      | generija sa stangan Grandenia               | <b>3.</b> 7  |
| Corn adlige ton  |                      | dynatical about Walnut on Langua Sill       | 6.0  |
| Corn, graza, bu.   |                      | @146.16 B. 3810 ba #GP4                     | <b>5</b> 0   |
| Soyteams, bu.  |                      | ethomologic, seekin disak-Quine             | 10   |
| Legumes for seed, 1bs.   |                      | throughton falls and a series of semiglicum | 75   |
| Alik ba hay, ton   |                      | and a popular terror to the registration    | 1.2  |
| Other Regumes and mixtures,  | ton                  | atica Compania de Constituiro               | 1.8  |
| Time shy or brone, ton   |                      | phi/200304096 J day, ven regions            | 2.0  |
| Other annual hay, ton  |                      | David Config Adm 3-6 magnets                | 1.1  |
| Wild hay   |                      | Secondary to bringing but                   | 1.4  |
| ## ubculative of the Cology  ###################################   | e. (april - e., (b)) |   | лын Д. Б-фг.<br>2. ориания 19.00-г., часта дографиями этемперия 1. т. 1911 года 1. т. т. 1911 года 1. т. п. 1911 года 1. т. т. |

### POWER AND MACHINERY EXPENSES

Fower and machinery expense per crop acre is an indication of the economy with which capital is invested in these items. Expenses are high on the faims with a small acreage. In some cases, low expense for labor night be offset by higher equipment costs. The farmer is interested in operating at the lowest cost for power, machinery, and labor combined.

TABLE 12: POWER AND MACHIMERY EXPENSES PER CROP ACRE, 1956

| COMMENSATION AND COLUMN TO THE PROPERTY OF THE | Mark to the state of the state of   |  | CALL THE CONTRACT OF THE PROPERTY OF   | AND THE PERSON NAMED OF TH |
|--|---|--|--|--|
|  | Your  | krg. of  | 9 most   | 9 loast  |
| AND INCOMES A COMMENT OF THE PARTY OF THE PA | f'amn   | 28 farms   | prof.farms   | prof, farms  |
| Crop acres per form  |   | 127.   | 152  | 90   |
| Tractor and horse exp. per crop acre   |   | Sid. 47  | \$3.78   | \$4.22   |
| Crop & gen. mach, exp. per crop anne   | MARK - INCOME OF THE  | 4.69   | 4.13   | 3.62   |
| THE PROPERTY OF THE PROPERTY O | district of the same state of | Historia de La compania de Acesto de La Compania de La Compania de | de la desta de la composición del la composición del composición de la composición del composición del composición de la composición de la composición del composi |  |

### AMOUNT OF LIVESTOCK

A large proportion of the farmers maintained some dairy cattle with smaller numbers maintaining hogs and poultry. Sheep and beef were not raised in enough cases to include in averages.

TABLE 13. AMOUNT OF LIVESTOCK, 1956

| Your | $\Lambda v_{\mathrm{g}}$ , of | 9 most                                       | 9 least  |
|------|-------------------------------|--|--|
| farn | 28 famis                      | prof.farns                                   | prof.farms   |
|      | 15.5                          | 22.0   | 10.9   |
|      | 17.6                          | 1.9.1  | 14,8   |
|      | 29.7                          | 73.0   | 7.2  |
|      | 2.2                           | 4.4  | 2.0  |
|      | 2672                          | 4665   | 2855   |
|      | - 5 (12                       | farn 28 farns<br>15.5<br>17.6<br>29.7<br>2.2 | farm         26 fams         prof.fams           15.5         22.0           17.6         19.1           29.7         73.0           2.2         4.4 |

### TOTAL FEED COSTS AND RETURNS FROM YOUR LIVESTOCK ENTERPRISES

The total "return over feed costs" for each class of livestock is shown in Table 14. This differs from the "return over feed" shown in the enterprise statement in that it is the total for each class of livestock instead of a return "per head," "per unit," or "per 100 lbs." These data indicate the relative importance of different classes of livestock as a source of income and as a market for feed. The total return is the same as the returns and net increases shown on p. 5. The return over feed is not a net return, but rather the amount available from the gross income. after paying the feed bill, to cover the outlay for hired labor, power, equipment, taxes, insurance, interest, and veterinary bills and to provide a return for the use of family labor and capital.

TABLE 14: TOTAL FEED COSTS AND RETURNS FROM YOUR LIVESTOCK ENTERPRISES

|                        | Bairy or d   | gairy or dual purpose cattle   |  |                       |  |  |
|------------------------|--|--|--|-----------------------|--|--|
|                        | Cows   | Other  | VII  |                       |  |  |
| Total returns          | a - A Colombia de Maria de Colombia de Col | Quinter anni la compressión de |  |                       |  |  |
| Total feed cost        |  |  |  |                       |  |  |
| Total return over feed | Appropriation while her in a planting  |  |  |                       |  |  |
|                        | Hogs   | Shcep  | Chickens   | A after upon meganism |  |  |
| Total returns          |  |  |  |                       |  |  |
| Total feed cost        |  |  | Among apply the neutron agreement ag |                       |  |  |
| Total return over feed | and and tentral programs, sequences  | Company to a special s | de car relació descripció describidos  |                       |  |  |

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

### HOGS

The return over feed cost per cwt, of hogs produced varied from breaking even for those farmers in the lower one-third in feeding efficiency to a return of 27.85 for those in the highest one-third. Responsible factors affecting return over feed were:

- 1, Quantity of feed required to produce 100 pounds of perk.
- 2. Price received.3. Number of pigs born per litter.
- 4. Number of pigs wenned per litter.

| TABLE 15: FEED COSTS AND RETURNS FROM HOGS, 1956 |   |                 |                         |                   |  |  |  |  |  |  |
|--|---|-----------------|-------------------------|-------------------|--|--|--|--|--|--|
|  | Your  | Avg of 10       | 3 farms                 | 3 forms           |  |  |  |  |  |  |
|  | farn  | forms           | highest in              |                   |  |  |  |  |  |  |
|  |   |                 | roturns                 |                   |  |  |  |  |  |  |
| Itens  |   |                 | <u>obove feed</u>       | <u>rbove</u> feed |  |  |  |  |  |  |
| Feed por cwt. hogs produced, 1bs.                |   |                 |                         |                   |  |  |  |  |  |  |
| Corn   | •   | 178             | 783                     | 700               |  |  |  |  |  |  |
| Small grains                                     |   | 171             | 124                     | 2. 2              |  |  |  |  |  |  |
| Commercial feeds                                 |   | 57              | 5                       | 113               |  |  |  |  |  |  |
| Total concentrates                               | gamen derme, in , constitutive person delated | 406             | 311                     | 5 <b>15</b>       |  |  |  |  |  |  |
| Skin milk and buttermilk                         | na mandala di Marine di Silik                 | 7 <b>7</b>      | 19                      | 125               |  |  |  |  |  |  |
| Feed cost per cwt. hogs produced                 |   |                 |                         |                   |  |  |  |  |  |  |
| Concentrates                                     | <u> </u>                                      | \$9 <b>.</b> 15 | <b>\$5,7</b> 0          | \$12 <b>.</b> 79  |  |  |  |  |  |  |
| Skim milk and buttermilk                         | Ý   | 4.41            | 1.06                    | 7.43              |  |  |  |  |  |  |
| Pasture  | <b>}</b>                                      | .22             | <u>.19</u><br>6.95      | 1                 |  |  |  |  |  |  |
| TOTAL FEED COSTS                                 | \$  | 13.78           |                         | 20.22             |  |  |  |  |  |  |
| Net increase in val. per cwt. hogs               | prod.   | 17.24           | 15.01                   | 19.18             |  |  |  |  |  |  |
|  |   |                 |                         |                   |  |  |  |  |  |  |
| RETURNS ABOVE FEED COST PER CWT.                 |   |                 |                         |                   |  |  |  |  |  |  |
| HOGS PRODUCED                                    | Ş   | 3.71            | 7.85                    | 1.04              |  |  |  |  |  |  |
| DIMINIO DOD '300 OF THE                          | ·   | 3               | 54.2                    |                   |  |  |  |  |  |  |
| RETURNS FOR \$100 OF FEED                        | ₹2  | \$156 <b>.</b>  | 241.                    | <b>₽102.</b>      |  |  |  |  |  |  |
| Price received per cwt. hogs sold                | <i>7</i> 2                                    | 7 6 67          | 7.4. do                 | 7.4 07            |  |  |  |  |  |  |
| Trice received per cwc. nogs soid                | ¥ <del></del>                                 | 15.51           | 14.82                   | 16.01             |  |  |  |  |  |  |
| No. of spring litters raised                     |   | 1.5             | 4.3                     | 1.0               |  |  |  |  |  |  |
| No. of fall litters raised                       | -   | *** 2           |                         |                   |  |  |  |  |  |  |
| Total no. of litters raised                      | ***************************************       | 2.8             | 2.0<br>6.3              | 1.4               |  |  |  |  |  |  |
| TOUGHT HO, OF THUCKE ICHEOU                      | -   | <b>≈</b> 0      | O <sub>•</sub> <i>y</i> | 1.4               |  |  |  |  |  |  |
| No. of pigs born per litter                      |   | 9.0             | 11.8                    | 7.0               |  |  |  |  |  |  |
| No. of pigs weaned per litter                    |   | 7.3             | 8.5                     | 6.8               |  |  |  |  |  |  |
| Landa nacerran Lan Transfer                      |   | 100             | <b>₩</b>                | 0.0               |  |  |  |  |  |  |
| Pounds of hogs produced                          |   | 5718            | <i>588</i> 6            | 4705              |  |  |  |  |  |  |

### DAIRY AND DUAL PURPOSE CATTLE

The quantity of feed consumed, value in feeds and returns from dairy cattle are presented in Tables 16, 17, and 18. The statements include several herds which were classified as dual purpose cattle. The return over feed cost per cow varied from 32.05 to 3293.00 among the 22 herds covered by this study. Some of the important factors that affected the return over feed were:

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

TABLE 16: FACTORS OF COSTS AND RETURNS FROM DAIRY COWS, 1956.

| Itons   | Your<br>farm                 | Average<br>of 22<br>forms                       | 7 farms<br>highest in                           | 7 farms Lowest in butterfat per cow             |
|---|------------------------------|---|---|---|
| Pounds of butterfet per cow   |                              | 251   | 316   | 194   |
| Price rec. per 1b. B.F. sold (cents)  |                              | 8 <b>3</b>                                      | 93  | <b>7</b> 0                                      |
| Feed per cow, lbs: Corn Small grain Commercial feeds  | en vegende franken medien    | 426   | 347   | 385   |
|   | en megende tr, en tegendelen | 571   | 790   | 370   |
|   | en medienter, vegetregken    | 469   | 775   | 147   |
| Logumo hay  | Constitution and Inc.        | 3992  | 4637  | 4957  |
| Other hay   |                              | 2549  | 1994  | 2321  |
| Total concentrates, lbs. Total dry roughage, lbs. Silage  | garaganay, re-brentana       | 1466  | 1912  | 902   |
|   | Galeganay i reburbana        | 6541  | 6631  | 7278  |
|   | Galeganay regeriyasa         | 5210  | 4577  | 6014  |
| Feed cost per cow:     Concentrates     Roughages     Pasture     TOTAL FEED COST   | Barrel serginagis dinar      | \$34.78   | 348.98  | 919.69  |
|   | Granden-de - Apriligan       | 54.87   | 51.46   | 63.95   |
|   | Barrellos s volum dipo       | <u>7.98</u>                                     | 7.09  | <u>7.54</u>                                     |
|   | Granden-de - Specifica       | 97.63   | 107.53  | 91.18   |
| Value of produce per cow: Butterfat sales Dairy produce used in house Milk to livestock Not increases in value of cows TOTAL VALUE PRODUCED |                              | \$191,97<br>9,43<br>18,96<br>- 6,39<br>\$213,97 | \$270,83<br>8,95<br>18,88<br>- 3,58<br>\$295,08 | \$121.96<br>7.39<br>18.17<br>- 5.46<br>\$142.06 |
| RETURNS ABOVE FEED COST PER COW   | Children Street works        | J116.34   | ម៉ា87.45  | \$ <b>5</b> 0 <b>.</b> 88                       |
| RETURNS PER 100 SPENT FOR FEED  |                              | ⊋2 <b>35</b>                                    | ្ទ284   | <b>∤1</b> 89                                    |
| Feed cost per 1b. B.F. (cents)  | Cartin - an annual pro-      | 41  | 33  | 47  |
| Number of cows*   |                              | 17.5  | 18 <b>,</b> 2                                   | 18 <b>.</b> 1                                   |

<sup>\*</sup> 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.

TABLE 17: FEED COSTS AND RETURNS FROM OTHER DAIRY AND DUAL PURPOSE CATTLE, 1956

| Itoms  | Your<br>farm   | Average<br>of 22<br>famas                 | 7 forms<br>highest in<br>butterfat<br>per cew |   |
|--|--|---|---|---|
| Feeds per head, 1bs.: Concentrates Hay and fodder Silago Milk  |  | 228<br>2656<br>902<br>760                 | 441<br>2810<br>955<br>460                     | 217<br>2583<br>1248<br>656                        |
| Feed cost per head:     Concentrates     Roughages Milk     Pasture     TOTAL FEED COST PER HEAD       |  | 37.21<br>19.03<br>13.34<br>4.21<br>343.79 | 12.09<br>17.63<br>12.23<br>3.75<br>345.75     | \$5.04<br>18.47<br>12.07<br><u>3.61</u><br>339.39 |
| Net increase in value of other cattle  | girangir: Ank La (Mandin: No.  | .348 <b>.</b> 09                          | ,48.22  | 354.74  |
| RETURNS ABOVE FEED COST PER HEAD   |  | 4.30                                      | 2.47  | 15.35   |
| RETURNS FOR \$100 OF FEED  | paragonique de la 1988   | 120                                       | 111   | 146   |
| Number of head of other cattle   | CONTRACTOR OF THE PARTY OF THE  | 19.9                                      | 18.8  | 25.4  |
| TABLE 18: FEED COSTS AND RETURNS FROM  Feeds per animal unit, 1bs.  Concentrates Hay and fodder Silage | ALL DAI  | 1137<br>5394<br>4620                      | 1453<br>4764<br>3771                          | 1956<br>662<br>6155<br>4479                       |
| TOTAL FEED COSTS PER ANIMAL UNIT   |  | 3 82.17                                   | <i>3</i> 94 <b>.</b> 00                       | ÷ 72 <b>.93</b>                                   |
| Value of produce per chimal unit:  Dairy products  Not increase in value  TOTAL VALUE PRODUCED         | georgianije og de grande at grande a | 3131,61<br>29,96<br>3161,57               | 35.70<br>3222.82                              | \$ 77.71<br><u>38.34</u><br>\$116.20              |
| RETURNS ABOVE FEED FER ANIMAL UNIT   | generally a representation   | <i>⇒</i> 79.40                            |   | \$ 43.27  |
| RETURNS PER 100 OF FEED  | design majoradorales d   | 207                                       | 251   | 181   |
| Animal units of cattle   |  | 27.6                                      | 27.8  | 31.2  |

### CHICKENS

Mine farmers raising chickens submitted reports with enough detail for analysis, Information on chicks raised, death loss, and pounds produced was too incomplists to be included in the averages. Table 19 shows the averages for the nine farmers.

Some of the important factors that affect the return over feed are:

- Quantity of feed required per hen.
   Price received per dozen eggs sold.

3. Eggs laid per hen.

- 4. Per cent of hens that are pullets.
- 5. Percentage death loss of hens.

TABLE 19: FEED COSTS AND RETURNS FROM CHICKENS, 1956 \* 3 farms 3 farms Average highest in lowest in Your of 9 return return Itenfarm farms over feed over feed Feed per hen, 1bs. Grain 110 60 Commercial feeds Total concentrates TOTAL FEED COST PER HEN \$4.12 4.28 J6.21 Value of produce per hen: Eggs sold and used in house *3*4.26 \$2,20 Net increase in value of chickens TOTAL VALUE PRODUCED RETURNS ABOVE FEED COST PER HEN پ نې .57 ,2.45 -32.15RETURNS FOR \$100 OF FEED J127 **\$159** ⇒ 66 Price rec'd per doz. eggs sold (cents) ֆ ₊30 ⇒ **.3**2 ₹ .34 Eggs laid per hen 137 167 Average number of hens during year

Include feeds and returns from laying flock and rearing flock.

|              | The state of the   | 100 - 100 - 100  | 200                     | 2. 2 K 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. | 4.4  |  |
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|              | CALL TO LAND   |  |                         | CAN THE RESERVE                                  | 1.0  | 35.63                                  |
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|      | PER PER PE |        |                  | -    | 100                                    |               | 10.2   | 3.7     |                       |   | 100        | 经进行         | Sec. 15. |
|------|------------|--------|------------------|------|--|---------------|--------|---------|-----------------------|---|------------|-------------|----------|
|      | A. 3.      | 7.1    | 1. 14 6          | 2.7  | 100                                    | 200           |        |         |                       |   |            | <b>海绵</b> 流 |          |
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| 38   |            | 5.4    |                  | 100  | 20 16 15                               | 100 S         |        | March 2 | 1                     | 100                                       | 4.1        |             | 200      |
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| 170  | 100        | 2 P T  |                  | 22.5 |  |               |        | 三八 中    |                       | A. C. | 100        |             | 200      |
| 100  |            |        |                  |      |  |               |        | 200     |                       | 4   |            |             | 22.00    |
| 3.0  | 100        | A PLAN |                  |      | <b>建设型产品</b>                           |               |        |         | 70.0                  | 0.50                                      |            |             | 6        |
| 7.18 |            |        |                  |      |  | CENTER OF THE |        | 7.3     | 11.2                  |   | 4.5        |             | 20 MI    |
| 10   | 72.20      | 2.5    | 1. 1.            |      |  |               | 4      |         |                       |   |            |             | 30.00    |
|      | 2000       | 100    |                  |      |  |               |        |         | 10.2                  | Ge C                                      | 10.00      | 225.4.35    |          |
| -    | 200        |        | 200              |      |  |               |        |         | A                     |   |            |             | 200      |
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