

INDIVIDUAL FACTORS,  
AVERAGES BY GROUPS OF FARMS  
AND  
ANNUAL AVERAGES  
FROM  
FARM COST ACCOUNTS  
75 FARMS, 1939

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Each farm enterprise is reported on separately in this report. Factors are arranged according to size. The farm with the largest number of cows comes first on page 10, and the farm with the largest number of hens is first on page 12.

Accounts on each enterprise have been divided into three equal groups: largest, medium-sized, and smallest. The averages for these groups, shown near the bottom of the following pages, are weighted by farms, i.e., each farm is given equal weight in the calculation of the averages. For example, on page 10, the value per cow for the low third was \$106, or the average of the 16 figures representing the value per cow on 16 different farms. The annual averages, at the bottom of the pages, are weighted by cows, acres, etc. The value per cow for 1939 or \$110 is the total value of all cows, or \$122,306, divided by 1108, the total number of cows.

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A discussion of the 1939 results will be published soon. Write to:

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requesting the bulletin on farm cost accounts for 1939, if you want a copy.

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| Farm<br>number | No.<br>of<br>men | Total<br>hours<br>per<br>farm | Hours<br>per<br>man | Farm<br>operator   |                               | Average cost per<br>month for regular<br>hired men |               |              | Cost<br>per<br>hour<br>for<br>help | Average<br>cost<br>per<br>hour<br>for<br>labor | Average<br>cost<br>per<br>man |
|----------------|------------------|-------------------------------|---------------------|--------------------|-------------------------------|----------------------------------------------------|---------------|--------------|------------------------------------|------------------------------------------------|-------------------------------|
|                |                  |                               |                     | wage<br>per<br>mo. | privi-<br>leges<br>per<br>mo. | wage<br>and<br>privi-<br>leges                     | wage<br>board | wage<br>only |                                    |                                                |                               |
|                |                  | hours                         | hours               | \$                 | \$                            | \$                                                 | \$            | \$           | \$                                 | \$                                             | \$                            |
| 192            | 11.2             | 29,355                        | 2,621               | 100                | 37                            | 129                                                | -             | 59           | 30                                 | 38                                             | 999                           |
| 193            | 9.4              | 28,329                        | 3,014               | 100                | 31                            | 74                                                 | -             | -            | 25                                 | 30                                             | 915                           |
| 363            | 8.9              | 23,302                        | 2,618               | 75                 | 48                            | 65                                                 | -             | 59           | 29                                 | 34                                             | 881                           |
| 170            | 8.2              | 22,368                        | 2,728               | 36                 | 30                            | 53                                                 | -             | -            | 27                                 | 27                                             | 737                           |
| 267            | 8.0              | 22,320                        | 2,790               | 60                 | 42                            | 63                                                 | 55            | -            | 27                                 | 29                                             | 801                           |
| 174            | 7.6              | 26,151                        | 3,441               | 125                | 45                            | 73                                                 | 79            | 86           | 24                                 | 26                                             | 898                           |
| 266            | 7.6              | 25,910                        | 3,409               | 75                 | 46                            | 82                                                 | -             | 72           | 27                                 | 28                                             | 947                           |
| 298            | 6.5              | 16,718                        | 2,572               | 100                | 24                            | 68                                                 | -             | -            | 20                                 | 31                                             | 808                           |
| 196            | 6.2              | 18,871                        | 3,044               | 120                | 48                            | 126                                                | -             | 86           | 33                                 | 41                                             | 1,260                         |
| 316            | 6.1              | 25,842                        | 4,236               | 100                | 46                            | 122                                                | 57            | 45           | 30                                 | 28                                             | 1,198                         |
| 186            | 5.9              | 14,753                        | 2,501               | 100                | 34                            | 60                                                 | -             | -            | 20                                 | 36                                             | 911                           |
| 221            | 5.4              | 18,532                        | 3,432               | 78                 | 1                             | 66                                                 | -             | 57           | 23                                 | 22                                             | 749                           |
| 153            | 5.4              | 12,925                        | 2,394               | 83                 | 39                            | 60                                                 | -             | 52           | 19                                 | 32                                             | 774                           |
| 24             | 5.2              | 17,794                        | 3,422               | 75                 | 50                            | 60                                                 | -             | 67           | 25                                 | 28                                             | 946                           |
| 330            | 5.0              | 13,176                        | 2,635               | 50                 | 42                            | 74                                                 | -             | 36           | 24                                 | 26                                             | 682                           |
| 315            | 5.0              | 14,460                        | 2,892               | 83                 | 30                            | 74                                                 | -             | 54           | 25                                 | 30                                             | 882                           |
| 358            | 5.0              | 17,488                        | 3,498               | 115                | 35                            | 99                                                 | -             | -            | 22                                 | 37                                             | 1,307                         |
| 327            | 4.8              | 14,512                        | 3,023               | 67                 | 37                            | 43                                                 | -             | -            | 17                                 | 23                                             | 681                           |
| 130            | 4.7              | 14,422                        | 3,069               | 100                | 37                            | 73                                                 | -             | 55           | 27                                 | 32                                             | 996                           |
| 359            | 4.6              | 13,580                        | 2,952               | 100                | 21                            | 61                                                 | -             | -            | 29                                 | 32                                             | 937                           |
| 160            | 4.4              | 12,937                        | 2,940               | 85                 | 39                            | 120                                                | 55            | -            | 18                                 | 34                                             | 993                           |
| 292            | 4.3              | 10,371                        | 2,412               | 25                 | 37                            | 70                                                 | -             | 41           | 16                                 | 29                                             | 696                           |
| 340            | 4.3              | 10,280                        | 2,391               | 83                 | 3                             | 85                                                 | -             | -            | 27                                 | 37                                             | 887                           |
| 331            | 4.2              | 11,947                        | 2,845               | 50                 | 34                            | -                                                  | 58            | -            | 23                                 | 29                                             | 813                           |
| 175            | 4.2              | 12,532                        | 2,984               | 125                | 33                            | 92                                                 | -             | 61           | 24                                 | 36                                             | 1,088                         |
| 103            | 4.1              | 11,230                        | 2,739               | 125                | 31                            | 72                                                 | -             | 61           | 30                                 | 38                                             | 1,050                         |
| 325            | 4.0              | 12,420                        | 3,105               | 70                 | 22                            | 88                                                 | -             | 47           | 40                                 | 32                                             | 986                           |
| 150            | 4.0              | 11,130                        | 2,782               | 50                 | 68                            | 71                                                 | -             | -            | 25                                 | 34                                             | 958                           |
| 345            | 3.8              | 10,448                        | 2,749               | 25                 | 54                            | -                                                  | 66            | -            | 31                                 | 31                                             | 845                           |
| 169            | 3.8              | 11,641                        | 3,063               | 70                 | 48                            | 102                                                | -             | -            | 25                                 | 34                                             | 1,031                         |
| 149            | 3.6              | 14,333                        | 3,981               | 67                 | 28                            | 73                                                 | -             | -            | 25                                 | 22                                             | 856                           |
| 360            | 3.5              | 7,933                         | 2,267               | 83                 | 23                            | 61                                                 | -             | -            | 22                                 | 39                                             | 878                           |
| 364            | 3.4              | 9,023                         | 2,654               | 60                 | 39                            | -                                                  | -             | -            | 33                                 | 25                                             | 664                           |
| 357            | 3.4              | 10,898                        | 3,205               | 60                 | 60                            | 46                                                 | 59            | -            | 26                                 | 26                                             | 820                           |
| 188            | 3.4              | 11,983                        | 3,524               | 62                 | 25                            | 57                                                 | 62            | -            | 13                                 | 26                                             | 906                           |
| 344            | 3.4              | 11,654                        | 3,428               | 50                 | 41                            | 77                                                 | -             | 29           | 34                                 | 28                                             | 945                           |
| 163            | 3.4              | 10,245                        | 3,013               | 100                | 37                            | 60                                                 | 69            | -            | 23                                 | 33                                             | 1,000                         |
| 339            | 3.3              | 8,982                         | 2,722               | 92                 | -                             | -                                                  | -             | 63           | 35                                 | 38                                             | 1,032                         |
| 324            | 3.2              | 8,725                         | 2,727               | 50                 | 17                            | 70                                                 | -             | -            | 30                                 | 30                                             | 808                           |
| 165            | 3.2              | 9,961                         | 3,113               | 90                 | 44                            | 72                                                 | 64            | -            | 25                                 | 34                                             | 1,048                         |
| 310            | 3.2              | 9,967                         | 3,115               | 75                 | 49                            | -                                                  | -             | 73           | 61                                 | 35                                             | 1,076                         |
| 284            | 3.2              | 8,134                         | 2,542               | 80                 | 45                            | 73                                                 | -             | -            | 35                                 | 42                                             | 1,059                         |
| 361            | 3.1              | 11,650                        | 3,758               | 60                 | 26                            | 60                                                 | 51            | -            | 16                                 | 20                                             | 763                           |
| 341            | 3.1              | 10,991                        | 3,545               | 60                 | 35                            | -                                                  | 68            | 40           | -                                  | 23                                             | 826                           |
| 291            | 3.1              | 8,590                         | 2,771               | 60                 | 44                            | 96                                                 | -             | -            | 12                                 | 36                                             | 1,007                         |

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| Farm<br>number | No.<br>of<br>men | Total<br>hours<br>per<br>farm<br>hours | Hours<br>per<br>man<br>hours | Farm<br>operator   |                     | Average cost per<br>month for regular<br>hired men |                      |              | Cost<br>per<br>hour<br>for<br>help | Average<br>cost<br>per<br>hour<br>for all<br>labor | Average<br>cost<br>per<br>man |
|----------------|------------------|----------------------------------------|------------------------------|--------------------|---------------------|----------------------------------------------------|----------------------|--------------|------------------------------------|----------------------------------------------------|-------------------------------|
|                |                  |                                        |                              | wage<br>per<br>mo. | leges<br>per<br>mo. | privi-<br>and<br>leges                             | wage<br>and<br>board | wage<br>only |                                    |                                                    |                               |
|                |                  |                                        |                              | \$                 | \$                  | \$                                                 | \$                   | \$           | \$                                 | \$                                                 | \$                            |
| 362            | 2.9              | 10,164                                 | 3,505                        | 100                | 56                  | -                                                  | 56                   | -            | 14                                 | 31                                                 | 1,076                         |
| 278            | 2.8              | 10,072                                 | 3,597                        | 42                 | 35                  | 61                                                 | 58                   | -            | -                                  | 22                                                 | 791                           |
| 306            | 2.8              | 5,856                                  | 2,091                        | 60                 | 40                  | -                                                  | 52                   | -            | 26                                 | 35                                                 | 740                           |
| 81             | 2.7              | 8,788                                  | 3,255                        | 75                 | 25                  | -                                                  | 57                   | -            | 29                                 | 28                                                 | 900                           |
| 155            | 2.6              | 9,901                                  | 3,808                        | 40                 | 36                  | -                                                  | 46                   | -            | 22                                 | 19                                                 | 738                           |
| 287            | 2.6              | 7,781                                  | 2,993                        | 75                 | 31                  | 66                                                 | 68                   | -            | 30                                 | 33                                                 | 983                           |
| 281            | 2.5              | 8,887                                  | 3,555                        | 60                 | 12                  | -                                                  | 48                   | -            | 29                                 | 21                                                 | 733                           |
| 318            | 2.4              | 7,066                                  | 2,944                        | 41                 | 53                  | -                                                  | 60                   | 39           | -                                  | 27                                                 | 795                           |
| 355            | 2.4              | 7,510                                  | 3,129                        | 71                 | 37                  | 66                                                 | -                    | -            | 18                                 | 31                                                 | 964                           |
| 164            | 2.4              | 6,011                                  | 2,505                        | 67                 | 26                  | 56                                                 | -                    | 30           | 53                                 | 34                                                 | 849                           |
| 166            | 2.4              | 7,730                                  | 3,221                        | 100                | 30                  | 68                                                 | -                    | 36           | 27                                 | 34                                                 | 1,107                         |
| 343            | 2.3              | 7,434                                  | 3,232                        | 30                 | 30                  | 49                                                 | -                    | -            | 9                                  | 21                                                 | 691                           |
| 200            | 2.3              | 6,994                                  | 3,041                        | 75                 | 48                  | -                                                  | -                    | -            | 28                                 | 35                                                 | 1,065                         |
| 146            | 2.3              | 5,712                                  | 2,483                        | 100                | 28                  | 65                                                 | -                    | -            | 23                                 | 44                                                 | 1,086                         |
| 288            | 2.2              | 7,517                                  | 3,417                        | 60                 | 34                  | -                                                  | 60                   | -            | 28                                 | 26                                                 | 894                           |
| 211            | 2.1              | 7,807                                  | 3,718                        | 57                 | 20                  | -                                                  | -                    | 65           | 24                                 | 22                                                 | 836                           |
| 309            | 2.1              | 6,235                                  | 2,969                        | 40                 | 35                  | -                                                  | 53                   | -            | 25                                 | 26                                                 | 758                           |
| 295            | 2.1              | 4,898                                  | 2,332                        | 40                 | 44                  | -                                                  | 50                   | 31           | 26                                 | 32                                                 | 743                           |
| 285            | 2.1              | 4,742                                  | 2,258                        | 58                 | 30                  | -                                                  | -                    | -            | 29                                 | 40                                                 | 909                           |
| 319            | 2.0              | 5,510                                  | 2,755                        | 50                 | 30                  | 82                                                 | 60                   | -            | 10                                 | 31                                                 | 868                           |
| 299            | 2.0              | 6,307                                  | 3,154                        | 83                 | 34                  | -                                                  | 56                   | -            | 33                                 | 33                                                 | 1,029                         |
| 135            | 2.0              | 3,802                                  | 1,901                        | 60                 | 39                  | -                                                  | 47                   | -            | 24                                 | 46                                                 | 881                           |
| 139            | 1.9              | 8,464                                  | 4,455                        | 83                 | 22                  | 63                                                 | 70                   | -            | 34                                 | 23                                                 | 1,043                         |
| 202            | 1.8              | 5,262                                  | 2,923                        | 50                 | 23                  | -                                                  | 58                   | -            | 26                                 | 27                                                 | 786                           |
| 351            | 1.8              | 4,456                                  | 2,476                        | 40                 | 27                  | -                                                  | 48                   | -            | 14                                 | 28                                                 | 702                           |
| 185            | 1.6              | 4,948                                  | 3,092                        | 78                 | 1                   | -                                                  | -                    | -            | 25                                 | 30                                                 | 934                           |
| 348            | 1.5              | 4,653                                  | 3,102                        | 40                 | 48                  | -                                                  | -                    | -            | 30                                 | 28                                                 | 865                           |
| 338            | 1.4              | 4,245                                  | 3,032                        | 60                 | 26                  | -                                                  | -                    | -            | 27                                 | 31                                                 | 945                           |
| 145            | 1.3              | 5,005                                  | 3,850                        | 75                 | 41                  | -                                                  | -                    | -            | 17                                 | 33                                                 | 1,252                         |
| 354            | 1.0              | 2,937                                  | 2,937                        | 50                 | 62                  | -                                                  | 60                   | -            | 26                                 | 45                                                 | 1,334                         |

## Averages for 1939, by thirds according to number of men, weighted by farms:

|        |     |        |       |    |    |    |    |    |    |    |     |
|--------|-----|--------|-------|----|----|----|----|----|----|----|-----|
| High   | 6.1 | 17,955 | 2,955 | 84 | 35 | 79 | 61 | 59 | 24 | 31 | 911 |
| Medium | 3.3 | 10,189 | 3,082 | 68 | 37 | 71 | 59 | 52 | 27 | 30 | 912 |
| Low    | 2.0 | 6,077  | 3,019 | 62 | 32 | 64 | 57 | 40 | 26 | 31 | 922 |

## Annual averages, all farms, weighted by number of men:

|      |     |        |       |    |    |    |    |    |    |    |     |
|------|-----|--------|-------|----|----|----|----|----|----|----|-----|
| 1939 | 3.8 | 11,407 | 2,995 | 73 | 35 | 77 | 59 | 57 | 26 | 30 | 913 |
| 1938 | 3.8 | 11,124 | 2,965 | 71 | 36 | 74 | 60 | 61 | 26 | 31 | 917 |
| 1937 | 3.7 | 11,034 | 2,955 | 73 | 37 | 75 | 55 | 66 | 26 | 31 | 918 |
| 1936 | 3.5 | 10,416 | 2,935 | 73 | 38 | 67 | 59 | 59 | 23 | 30 | 886 |
| 1935 | 3.5 | 10,387 | 2,941 | 67 | 37 | 61 | 53 | 49 | 22 | 28 | 830 |

| Farm<br>number | Horses<br>per<br>farm | Average per horse |                |               |             | cost of<br>feed and<br>bedding | Cost<br>per<br>hour |
|----------------|-----------------------|-------------------|----------------|---------------|-------------|--------------------------------|---------------------|
|                |                       | hours<br>worked   | value          | grain         | hay         |                                |                     |
|                | <u>horses</u>         | <u>hours</u>      | <u>dollars</u> | <u>pounds</u> | <u>tons</u> | <u>dollars</u>                 | <u>cents</u>        |
| 361            | 3.1                   | 1,308             | 225            | 3,921         | 4.2         | 99                             | 12                  |
| 185            | 2.1                   | 1,286             | 133            | 690           | 2.4         | 69                             | 16                  |
| 316            | 2.0                   | 1,199             | 125            | 1,500         | 3.0         | 68                             | 16                  |
| 139            | 2.0                   | 1,106             | 98             | 1,900         | 2.5         | 104                            | 11                  |
| 327            | 3.0                   | 1,036             | 208            | 2,467         | 5.0         | 108                            | 18                  |
| 362            | 4.0                   | 1,029             | 95             | 3,275         | 1.8         | 64                             | 12                  |
| 315            | 2.0                   | 1,028             | 188            | 1,600         | 3.1         | 83                             | 17                  |
| 364            | 2.0                   | 1,016             | 169            | 2,040         | 2.0         | 61                             | 19                  |
| 169            | 2.0                   | 1,002             | 165            | 2,080         | 3.5         | 68                             | 11                  |
| 130            | 5.0                   | 996               | 205            | 2,443         | 3.4         | 62                             | 13                  |
| 200            | 2.0                   | 986               | 238            | 3,956         | 5.0         | 114                            | 28                  |
| 341            | 2.0                   | 981               | 225            | 1,666         | 3.0         | 76                             | 12                  |
| 24             | 4.0                   | 978               | 121            | 1,760         | 2.8         | 56                             | 11                  |
| 355            | 2.0                   | 968               | 138            | 6,426         | 5.0         | 140                            | 29                  |
| 165            | 3.0                   | 946               | 74             | 3,061         | 3.0         | 77                             | 13                  |
| 306            | 2.0                   | 880               | 169            | 1,620         | 2.0         | 74                             | 18                  |
| 186            | 3.7                   | 845               | 189            | 2,892         | 3.2         | 63                             | 22                  |
| 348            | 2.0                   | 800               | 140            | 4,460         | 3.0         | 110                            | 19                  |
| 324            | 2.0                   | 795               | 125            | 1,480         | 2.0         | 52                             | 14                  |
| 343            | 2.1                   | 792               | 41             | 3,486         | 2.7         | 77                             | 13                  |
| 153            | 4.8                   | 790               | 109            | 521           | 0.8         | 27                             | 9                   |
| 281            | 4.0                   | 769               | 202            | 2,035         | 3.5         | 67                             | 22                  |
| 288            | 4.0                   | 744               | 188            | 1,050         | 1.4         | 38                             | 11                  |
| 150            | 5.0                   | 737               | 38             | 1,721         | 4.4         | 55                             | 13                  |
| 170            | 6.0                   | 734               | 159            | 539           | 2.7         | 42                             | 11                  |
| 309            | 3.0                   | 730               | 169            | 2,560         | 2.0         | 78                             | 20                  |
| 155            | 3.8                   | 716               | 194            | 1,263         | 3.7         | 49                             | 16                  |
| 287            | 3.0                   | 709               | 100            | 2,633         | 2.3         | 73                             | 17                  |
| 292            | 3.4                   | 690               | 76             | 4,353         | 3.2         | 78                             | 25                  |
| 221            | 3.7                   | 685               | 196            | 3,414         | 2.4         | 70                             | 32                  |
| 278            | 2.0                   | 676               | 195            | 2,965         | 3.0         | 86                             | 21                  |
| 344            | 3.2                   | 666               | 103            | 2,013         | 3.6         | 65                             | 25                  |
| 211            | 2.0                   | 662               | 175            | 356           | 2.8         | 45                             | 11                  |
| 160            | 2.8                   | 662               | 79             | 888           | 3.4         | 54                             | 16                  |
| 202            | 4.1                   | 661               | 115            | 1,183         | 4.5         | 65                             | 29                  |
| 284            | 2.0                   | 660               | 175            | 4,156         | 1.5         | 85                             | 19                  |
| 174            | 4.0                   | 656               | 104            | 3,350         | 4.8         | 92                             | 20                  |
| 331            | 3.2                   | 644               | 129            | 2,197         | 2.5         | 61                             | 20                  |
| 166            | 2.0                   | 643               | 154            | 960           | 1.5         | 30                             | 15                  |
| 175            | 2.0                   | 636               | 150            | 3,147         | 2.9         | 62                             | 22                  |
| 267            | 2.5                   | 630               | 132            | 2,140         | 3.2         | 69                             | 27                  |
| 295            | 2.0                   | 618               | 162            | 600           | 3.5         | 45                             | 14                  |
| 325            | 4.0                   | 613               | 138            | 1,950         | 2.5         | 58                             | 14                  |
| 149            | 8.5                   | 604               | 210            | 2,901         | 2.6         | 73                             | 18                  |
| 319            | 2.0                   | 603               | 130            | 860           | 3.0         | 50                             | 16                  |

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| Farm<br>number | Horses<br>per<br>farm | Average per horse |                |               |             |                                | Cost<br>per<br>hour |
|----------------|-----------------------|-------------------|----------------|---------------|-------------|--------------------------------|---------------------|
|                |                       | hours<br>worked   | value          | grain         | hay         | cost of<br>feed and<br>bedding |                     |
|                | <u>horses</u>         | <u>hours</u>      | <u>dollars</u> | <u>pounds</u> | <u>tons</u> | <u>dollars</u>                 | <u>cents</u>        |
| 351            | 3.0                   | 594               | 78             | 653           | 2.3         | 43                             | 9                   |
| 299            | 3.0                   | 589               | 131            | 2,669         | 2.5         | 77                             | 24                  |
| 345            | 2.0                   | 586               | 205            | 1,820         | 3.5         | 72                             | 23                  |
| 266            | 8.8                   | 575               | 253            | 2,394         | 2.7         | 59                             | 30                  |
| 318            | 4.7                   | 541               | 108            | 1,915         | 4.0         | 94                             | 23                  |
| 196            | 4.0                   | 531               | 152            | 2,672         | 1.2         | 67                             | 31                  |
| 188            | 2.0                   | 510               | 67             | 3,098         | 3.0         | 79                             | 28                  |
| 357            | 4.0                   | 499               | 138            | 709           | 2.2         | 44                             | 24                  |
| 359            | 3.2                   | 453               | 93             | 1,745         | 2.2         | 52                             | 39                  |
| 164            | 4.0                   | 448               | 211            | 2,731         | 3.0         | 90                             | 37                  |
| 163            | 3.0                   | 444               | 131            | 1,760         | 3.7         | 78                             | 26                  |
| 330            | 4.8                   | 384               | 205            | 1,867         | 2.1         | 52                             | 22                  |
| 145            | 2.7                   | 377               | 64             | 0             | 2.6         | 41                             | 19                  |
| 338            | 2.0                   | 348               | 88             | 1,450         | 2.6         | 58                             | 29                  |
| 354            | 0.9                   | 316               | 119            | 222           | 1.1         | 29                             | 66                  |
| 285            | 2.0                   | 274               | 100            | 1,402         | 4.0         | 72                             | 43                  |
| 146            | 2.0                   | 250               | 95             | 0             | 2.5         | 33                             | 32                  |
| 360            | 2.0                   | 242               | 138            | 140           | 1.0         | 22                             | 29                  |
| 291            | 2.2                   | 110               | 18             | 636           | 1.8         | 34                             | 69                  |

Averages for 1939, by thirds according to hours worked per horse, weighted by Farms:

|        |     |     |     |       |     |    |    |
|--------|-----|-----|-----|-------|-----|----|----|
| High   | 2.8 | 979 | 154 | 2,513 | 3.0 | 78 | 16 |
| Medium | 3.2 | 675 | 140 | 2,068 | 2.9 | 62 | 19 |
| Low    | 3.4 | 442 | 130 | 1,507 | 2.6 | 58 | 30 |

Annual averages, all farms, weighted by number of horses:

|      |     |     |     |       |     |    |    |
|------|-----|-----|-----|-------|-----|----|----|
| 1939 | 3.1 | 698 | 148 | 2,069 | 2.9 | 65 | 19 |
| 1938 | 3.2 | 699 | 148 | 1,853 | 3.2 | 57 | 18 |
| 1937 | 3.2 | 716 | 146 | 1,927 | 3.0 | 71 | 19 |
| 1936 | 3.2 | 694 | 131 | 2,052 | 3.2 | 74 | 18 |
| 1935 | 3.1 | 736 | 116 | 2,028 | 3.1 | 67 | 16 |

| Farm<br>number | Average<br>value | Annual cost per tractor                  |                    |              |               | Gallons<br>of fuel<br>per<br>hour | Hours<br>of use<br>per<br>tractor | Average<br>cost<br>per<br>hour<br>of use |
|----------------|------------------|------------------------------------------|--------------------|--------------|---------------|-----------------------------------|-----------------------------------|------------------------------------------|
|                |                  | depre-<br>ciation<br>and cash<br>repairs | fuel<br>and<br>oil | all<br>other | total<br>cost |                                   |                                   |                                          |
|                | dollars          | dollars                                  | dollars            | dollars      | dollars       | gallons                           | hours                             | dollars                                  |
| 163 (2)        | 850              | 104                                      | 149                | 55           | 308           | 1.2                               | 1,208                             | 0.25                                     |
| 298 (22)       | 950              | 152                                      | 104                | 68           | 324           | 1.1                               | 956                               | 0.34                                     |
| 358 (22)       | 580              | 82                                       | 128                | 52           | 262           | 1.6                               | 806                               | 0.33                                     |
| 359 (3)        | 1,438            | 225                                      | 159                | 89           | 473           | 1.7                               | 796                               | 0.59                                     |
| 315 (2)        | 955              | 113                                      | 114                | 93           | 320           | 1.3                               | 786                               | 0.41                                     |
| 267 (23)       | 850              | 109                                      | 150                | 55           | 314           | 1.8                               | 765                               | 0.41                                     |
| 146 (2)        | 688              | 62*                                      | 124                | 59           | 121           | 1.4                               | 765                               | 0.16                                     |
| 221 (12)       | 431              | 85                                       | 84                 | 31           | 200           | 1.0                               | 744                               | 0.27                                     |
| 211 (2)        | 200              | 42                                       | 167                | 46           | 255           | 2.1                               | 735                               | 0.35                                     |
| 150 (2)        | 758              | 88                                       | 107                | 78           | 273           | 1.6                               | 712                               | 0.38                                     |
| 266 (22)       | 706              | 201                                      | 102                | 62           | 365           | 1.5                               | 680                               | 0.54                                     |
| 170 (2)        | 650              | 100                                      | 172                | 50           | 322           | 2.4                               | 646                               | 0.50                                     |
| 324 (1)        | 382              | 81                                       | 75                 | 27           | 183           | 0.7                               | 643                               | 0.28                                     |
| 24 (3)         | 1,150            | 100                                      | 106                | 77           | 283           | 1.2                               | 615                               | 0.46                                     |
| 103 (1)        | 555              | 113                                      | 90                 | 49           | 252           | 1.1                               | 610                               | 0.41                                     |
| 81 (11)        | 512              | 109                                      | 54                 | 35           | 198           | 0.9                               | 607                               | 0.33                                     |
| 363 (2)        | 450              | 108                                      | 137                | 29           | 274           | 1.5                               | 591                               | 0.46                                     |
| 135 (2)        | 865              | 134                                      | 164                | 61           | 359           | 2.4                               | 586                               | 0.61                                     |
| 330 (2)        | 632              | 67                                       | 143                | 38           | 248           | 1.7                               | 582                               | 0.43                                     |
| 155 (3)        | 875              | 272                                      | 113                | 49           | 434           | 1.8                               | 546                               | 0.79                                     |
| 193 (123)      | 573              | 70                                       | 146                | 98           | 314           | 2.0                               | 546                               | 0.58                                     |
| 130 (2)        | 675              | 375                                      | 119                | 49           | 543           | 2.0                               | 524                               | 1.04                                     |
| 166 (2)        | 525              | 64*                                      | 130                | 39           | 105           | 1.7                               | 517                               | 0.20                                     |
| 344 (2)        | 750              | 115                                      | 78                 | 55           | 248           | 1.3                               | 511                               | 0.49                                     |
| 327 (2)        | 488              | 280                                      | 121                | 38           | 439           | 2.1                               | 504                               | 0.87                                     |
| 165 (3)        | 588              | 94                                       | 106                | 69           | 269           | 1.6                               | 501                               | 0.54                                     |
| 360 (112)      | 367              | 96                                       | 97                 | 68           | 261           | 1.7                               | 499                               | 0.52                                     |
| 292 (13)       | 472              | 72                                       | 232                | 36           | 340           | 3.8                               | 488                               | 0.70                                     |
| 153 (22)       | 154              | 45                                       | 110                | 69           | 224           | 1.8                               | 476                               | 0.47                                     |
| 325 (2)        | 750              | 119                                      | 99                 | 73           | 291           | 2.0                               | 466                               | 0.62                                     |
| 278 (1)        | 800              | 104                                      | 94                 | 65           | 263           | 1.4                               | 454                               | 0.58                                     |
| 186 (2)        | 904              | 262                                      | 114                | 52           | 428           | 1.6                               | 451                               | 0.95                                     |
| 340 (2)        | 550              | 101                                      | 39                 | 52           | 192           | 1.0                               | 451                               | 0.43                                     |
| 174 (2)        | 775              | 151                                      | 86                 | 60           | 297           | 1.3                               | 450                               | 0.66                                     |
| 316 (12)       | 600              | 80                                       | 83                 | 55           | 218           | 1.9                               | 441                               | 0.50                                     |
| 339 (2)        | 775              | 150                                      | 46                 | 59           | 255           | 1.0                               | 426                               | 0.60                                     |
| 284 (2)        | 337              | 73                                       | 87                 | 36           | 196           | 2.0                               | 424                               | 0.46                                     |
| 287 (2)        | 878              | 0                                        | 135                | 51           | 186           | 2.0                               | 414                               | 0.45                                     |
| 318 (2)        | 400              | 145                                      | 116                | 36           | 297           | 2.6                               | 402                               | 0.74                                     |
| 361 (2)        | 550              | 79*                                      | 91                 | 37           | 49            | 1.6                               | 396                               | 0.12                                     |
| 160 (2)        | 565              | 35                                       | 47                 | 46           | 128           | 1.2                               | 343                               | 0.37                                     |
| 192 (22)       | 870              | 116                                      | 90                 | 69           | 275           | 1.7                               | 334                               | 0.82                                     |
| 188 (2)        | 300              | 15                                       | 70                 | 23           | 108           | 1.6                               | 332                               | 0.33                                     |
| 310 (1)        | 600              | 179                                      | 49                 | 33           | 261           | 1.3                               | 311                               | 0.84                                     |
| 359 (2)        | 45               | 4                                        | 43                 | 4            | 51            | 1.0                               | 308                               | 0.17                                     |

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| Farm number | Average value<br>dollars | Annual cost per tractor                             |                               |                         |                          | Gallons of fuel per hour<br>gallons | Hours of use per tractor<br>hours | Average cost per hour of use<br>dollars |
|-------------|--------------------------|-----------------------------------------------------|-------------------------------|-------------------------|--------------------------|-------------------------------------|-----------------------------------|-----------------------------------------|
|             |                          | depre-<br>ciation<br>and cash<br>repairs<br>dollars | fuel<br>and<br>oil<br>dollars | all<br>other<br>dollars | total<br>cost<br>dollars |                                     |                                   |                                         |
| 319 (1)     | 350                      | 2                                                   | 42                            | 23                      | 67                       | 1.1                                 | 307                               | 0.22                                    |
| 315 (1)     | 72                       | 7                                                   | 28                            | 12                      | 47                       | 1.1                                 | 269                               | 0.17                                    |
| 357 (3)     | 590                      | 86                                                  | 69                            | 73                      | 228                      | 2.2                                 | 255                               | 0.89                                    |
| 149 (2)     | 188                      | 41                                                  | 64                            | 10                      | 115                      | 1.8                                 | 254                               | 0.45                                    |
| 188 (3)     | 525                      | 69                                                  | 68                            | 76                      | 213                      | 1.9                                 | 253                               | 0.84                                    |
| 200 (2)     | 388                      | 27                                                  | 51                            | 31                      | 109                      | 1.9                                 | 247                               | 0.44                                    |
| 362 (2)     | 412                      | 88                                                  | 46                            | 24                      | 158                      | 2.0                                 | 240                               | 0.66                                    |
| 343 (2)     | 356                      | 39                                                  | 49                            | 32                      | 120                      | 1.9                                 | 230                               | 0.52                                    |
| 306 (2)     | 325                      | 64                                                  | 48                            | 36                      | 148                      | 2.0                                 | 223                               | 0.66                                    |
| 331 (12)    | 244                      | 19                                                  | 64                            | 19                      | 102                      | 1.9                                 | 218                               | 0.47                                    |
| 175 (2)     | 25                       | 41                                                  | 38                            | 44                      | 123                      | 1.6                                 | 205                               | 0.60                                    |
| 309 (2)     | 150                      | 18                                                  | 80                            | 17                      | 115                      | 2.7                                 | 189                               | 0.61                                    |
| 196 (2)     | 88                       | 69                                                  | 29                            | 31                      | 129                      | 1.7                                 | 176                               | 0.73                                    |
| 355 (2)     | 538                      | 75                                                  | 30                            | 31                      | 136                      | 1.9                                 | 173                               | 0.79                                    |
| 164 (2)     | 450                      | 126                                                 | 40                            | 29                      | 195                      | 2.3                                 | 162                               | 1.20                                    |
| 364 (1)     | 100                      | 9                                                   | 27                            | 17                      | 53                       | 1.3                                 | 151                               | 0.35                                    |
| 145 (2)     | 88                       | 27                                                  | 35                            | 15                      | 77                       | 2.0                                 | 129                               | 0.60                                    |
| 285 (1)     | 250                      | 12                                                  | 23                            | 27                      | 62                       | 1.9                                 | 123                               | 0.50                                    |
| 341 (1)     | 200                      | 20                                                  | 14                            | 19                      | 53                       | 1.9                                 | 71                                | 0.75                                    |
| 169 (1)     | 338                      | 25                                                  | 14                            | 27                      | 66                       | 2.4                                 | 46                                | 1.43                                    |
| 299 (1)     | 55                       | 14                                                  | 13                            | 13                      | 40                       | 5.6                                 | 12                                | 3.33                                    |

Averages for 1939, by thirds according to hours of use per tractor, weighted by farms:

|        |     |     |     |    |     |     |     |      |
|--------|-----|-----|-----|----|-----|-----|-----|------|
| High   | 715 | 121 | 123 | 57 | 301 | 1.5 | 702 | 0.45 |
| Medium | 591 | 95  | 96  | 51 | 242 | 1.7 | 436 | 0.56 |
| Low    | 263 | 40  | 42  | 27 | 109 | 2.0 | 193 | 0.74 |

Annual averages, all tractors, weighted by number of tractors:

|      |     |    |     |    |     |     |     |      |
|------|-----|----|-----|----|-----|-----|-----|------|
| 1939 | 531 | 87 | 92  | 48 | 227 | 1.6 | 469 | 0.49 |
| 1938 | 493 | 87 | 102 | 46 | 235 | 1.7 | 478 | 0.49 |
| 1937 | 449 | 84 | 93  | 44 | 221 | 1.6 | 436 | 0.51 |
| 1936 | 431 | 83 | 84  | 43 | 210 | 1.7 | 389 | 0.54 |
| 1935 | 427 | 86 | 92  | 45 | 223 | 1.9 | 391 | 0.57 |

\* Trade-in values higher than the inventory values on 3 tractors resulted in a net appreciation on Farms 146, 166 and 361.

The figures in parenthesis after the farm number indicate the size of each tractor in terms of the number of plow shares usually pulled. Of the 82 tractors, 20 were one-plow, 53 two-plow, and 9 three-plow tractors.

Farms 81, 153, 192, 193, 221, 266, 267, 292, 298, 316, 331, 358, and 360 had more than one tractor but the cost records were not separated by machines. The size of each machine is in parenthesis after these numbers. Farms 188, 315, and 359 had separate accounts for each tractor.

| Farm<br>number | Average<br>value<br>dollars | Annual cost per truck                               |                               |                         |                          | Miles<br>of use<br>per<br>truck<br>miles | Miles<br>per<br>gallon<br>of gas<br>miles | Average<br>cost<br>per<br>mile<br>of use<br>cents |
|----------------|-----------------------------|-----------------------------------------------------|-------------------------------|-------------------------|--------------------------|------------------------------------------|-------------------------------------------|---------------------------------------------------|
|                |                             | depre-<br>ciation<br>and cash<br>repairs<br>dollars | fuel<br>and<br>oil<br>dollars | all<br>other<br>dollars | total<br>cost<br>dollars |                                          |                                           |                                                   |
| 316 (L)        | 725                         | 417                                                 | 416                           | 240                     | 1,073                    | 18,927                                   | 9                                         | 5.7                                               |
| 193 (L)        | 900                         | 306                                                 | 280                           | 202                     | 788                      | 11,292                                   | 6                                         | 7.0                                               |
| 266 (L)        | 675                         | 236                                                 | 278                           | 169                     | 683                      | 13,306                                   | 7                                         | 5.1                                               |
| 103 (L)        | 250                         | 135                                                 | 294                           | 169                     | 598                      | 17,033                                   | 11                                        | 3.5                                               |
| 341 (S)        | 525                         | 282                                                 | 216                           | 65                      | 563                      | 14,859                                   | 12                                        | 3.8                                               |
| 266 (L)        | 462                         | 214                                                 | 135                           | 190                     | 539                      | 6,647                                    | 8                                         | 8.1                                               |
| 149 (L)        | 550                         | 182                                                 | 197                           | 101                     | 480                      | 7,752                                    | 6                                         | 6.2                                               |
| 186 (L)        | 350                         | 115                                                 | 175                           | 182                     | 472                      | 10,963                                   | 9                                         | 4.3                                               |
| 174 (L)        | 478                         | 166                                                 | 90                            | 198                     | 454                      | 5,829                                    | 9                                         | 7.8                                               |
| 153 (L)        | 120                         | 111                                                 | 148                           | 175                     | 434                      | *                                        | *                                         | *                                                 |
| 358 (L)        | 355                         | 138                                                 | 127                           | 124                     | 389                      | 5,374                                    | 6                                         | 7.2                                               |
| 278 (S)        | 275                         | 142                                                 | 158                           | 84                      | 384                      | *                                        | *                                         | *                                                 |
| 315 (S)        | 62                          | 97                                                  | 98                            | 186                     | 381                      | 5,113                                    | 10                                        | 7.5                                               |
| 344 (L)        | 275                         | 144                                                 | 119                           | 112                     | 375                      | 7,573                                    | 10                                        | 5.0                                               |
| 81 (L)         | 636                         | 146                                                 | 80                            | 145                     | 371                      | 4,339                                    | 8                                         | 8.6                                               |
| 360 (L)        | 400                         | 177                                                 | 106                           | 75                      | 358                      | 7,000                                    | 10                                        | 5.1                                               |
| 211 (L)        | 230                         | 151                                                 | 88                            | 112                     | 351                      | 3,000                                    | 5                                         | 11.7                                              |
| 221 (L)        | 400                         | 93                                                  | 134                           | 117                     | 344                      | 4,588                                    | 5                                         | 7.5                                               |
| 175 (L)        | 750                         | 121                                                 | 67                            | 155                     | 343                      | 4,518                                    | 9                                         | 7.6                                               |
| 188 (L)        | 500                         | 120                                                 | 106                           | 114                     | 340                      | 4,130                                    | 7                                         | 8.2                                               |
| 348 (S)        | 298                         | 162                                                 | 117                           | 58                      | 337                      | 7,403                                    | 11                                        | 4.6                                               |
| 345 (S)        | 550                         | 107                                                 | 92                            | 133                     | 332                      | 8,974                                    | 19                                        | 3.7                                               |
| 196 (L)        | 262                         | 153                                                 | 46                            | 131                     | 330                      | 2,962                                    | 6                                         | 11.1                                              |
| 362 (S)        | 250                         | 145                                                 | 88                            | 92                      | 325                      | 6,850                                    | 12                                        | 4.7                                               |
| 160 (S)        | 315                         | 124                                                 | 90                            | 108                     | 322                      | 6,921                                    | 12                                        | 4.7                                               |
| 193 (S)        | 225                         | 113                                                 | 72                            | 113                     | 298                      | 4,618                                    | 10                                        | 6.5                                               |
| 281 (S)        | 668                         | 88                                                  | 92                            | 100                     | 280                      | 6,750                                    | 12                                        | 4.1                                               |
| 170 (L)        | 194                         | 64                                                  | 122                           | 88                      | 274                      | 5,408                                    | 7                                         | 5.1                                               |
| 343 (S)        | 300                         | 90                                                  | 76                            | 102                     | 268                      | 7,757                                    | 19                                        | 3.5                                               |
| 324 (L)        | 620                         | 66                                                  | 75                            | 119                     | 260                      | 4,373                                    | 10                                        | 5.9                                               |
| 285 (S)        | 275                         | 89                                                  | 87                            | 75                      | 251                      | 10,145                                   | 17                                        | 2.5                                               |
| 287 (L)        | 375                         | 77                                                  | 62                            | 111                     | 250                      | 2,700                                    | 8                                         | 9.3                                               |
| 164 (S)        | 450                         | 106                                                 | 78                            | 51                      | 235                      | 6,506                                    | 14                                        | 3.6                                               |
| 340 (S)        | 375                         | 77                                                  | 69                            | 88                      | 234                      | 5,380                                    | 14                                        | 4.3                                               |
| 363 (L)        | 412                         | 82                                                  | 68                            | 82                      | 232                      | *                                        | *                                         | *                                                 |
| 155 (L)        | 500                         | 100                                                 | 25                            | 91                      | 216                      | 3,022                                    | 18                                        | 7.1                                               |
| 169 (S)        | 62                          | 47                                                  | 50                            | 114                     | 211                      | 3,215                                    | 10                                        | 6.6                                               |
| 130 (S)        | 175                         | 102                                                 | 47                            | 59                      | 208                      | 2,841                                    | 9                                         | 7.3                                               |
| 331 (L)        | 162                         | 82                                                  | 66                            | 55                      | 203                      | 3,381                                    | 11                                        | 6.0                                               |
| 325 (S)        | 175                         | 91                                                  | 29                            | 80                      | 200                      | 2,177                                    | 15                                        | 9.2                                               |
| 267 (S)        | 170                         | 52                                                  | 37                            | 104                     | 193                      | 3,834                                    | 15                                        | 5.0                                               |
| 338 (S)        | 112                         | 69                                                  | 48                            | 70                      | 187                      | 3,390                                    | 12                                        | 6.0                                               |
| 139 (L)        | 88                          | 54                                                  | 82                            | 49                      | 185                      | 2,201                                    | 5                                         | 8.4                                               |
| 145 (S)        | 62                          | 51                                                  | 66                            | 68                      | 185                      | 3,147                                    | 8                                         | 5.9                                               |
| 284 (S)        | 362                         | 47                                                  | 61                            | 74                      | 182                      | 3,640                                    | 9                                         | 5.0                                               |

| Farm number | Average value | Annual cost per truck                    |                    |              |               | Miles of use per truck | Miles per gallon of gas | Average cost per mile of use |
|-------------|---------------|------------------------------------------|--------------------|--------------|---------------|------------------------|-------------------------|------------------------------|
|             |               | depre-<br>ciation<br>and cash<br>repairs | fuel<br>and<br>oil | all<br>other | total<br>cost |                        |                         |                              |
|             | dollars       | dollars                                  | dollars            | dollars      | dollars       | miles                  | miles                   | cents                        |
| 267 (L)     | 515           | 54                                       | 46                 | 79           | 179           | 2,880                  | 9                       | 6.2                          |
| 291 (L)     | 125           | 52                                       | 56                 | 69           | 177           | 4,072                  | 12                      | 4.3                          |
| 163 (S)     | 200           | 61                                       | 48                 | 66           | 175           | 3,711                  | 11                      | 4.7                          |
| 135 (S)     | 275           | 54                                       | 40                 | 79           | 173           | 3,824                  | 15                      | 4.5                          |
| 364 (L)     | 138           | 139                                      | 20                 | 13           | 172           | 1,500                  | 9                       | 11.0                         |
| 318 (L)     | 225           | 20                                       | 53                 | 77           | 150           | 4,514                  | 15                      | 3.3                          |
| 192 (LJS)   | 153           | 45                                       | 50                 | 55           | 150           | *                      | *                       | *                            |
| 166 (L)     | 50            | 70                                       | 41                 | 37           | 148           | 1,075                  | 4                       | 13.8                         |
| 306 (L)     | 62            | 61                                       | 30                 | 52           | 143           | 1,542                  | 8                       | 9.3                          |
| 339 (S)     | 85            | 31                                       | 42                 | 68           | 141           | 1,775                  | 5                       | 7.9                          |
| 103 (S)     | 40            | 14                                       | 36                 | 76           | 126           | 2,140                  | 11                      | 5.9                          |
| 359 (LJS)   | 85            | 39                                       | 47                 | 35           | 121           | *                      | *                       | *                            |
| 330 (S)     | 62            | 36                                       | 39                 | 35           | 110           | 2,000                  | 9                       | 5.5                          |
| 327 (L)     | 131           | 7                                        | 44                 | 50           | 101           | 2,637                  | 11                      | 3.8                          |
| 169 (L)     | 445           | 10                                       | 14                 | 61           | 85            | 1,040                  | 8                       | 8.2                          |
| 298 (LS)    | 95            | 36                                       | 12                 | 37           | 85            | *                      | *                       | *                            |
| 288 (S)     | 85            | 22                                       | 36                 | 25           | 85            | 1,994                  | 12                      | 4.2                          |
| 188 (S)     | 188           | 25                                       | 26                 | 13           | 64            | *                      | *                       | *                            |
| 163 (L)     | 175           | 50                                       | 0                  | 9            | 59            | *                      | *                       | *                            |
| 285 (S)     | 30            | 0                                        | 0                  | 1            | 1             | *                      | *                       | *                            |

Averages for 1939, by thirds according to cost per truck, weighted by farms:

|        |     |     |     |     |     |       |    |     |
|--------|-----|-----|-----|-----|-----|-------|----|-----|
| High   | 444 | 171 | 160 | 141 | 472 | 8,431 | 9  | 6.4 |
| Medium | 283 | 87  | 67  | 89  | 243 | 4,647 | 12 | 6.0 |
| Low    | 168 | 42  | 35  | 48  | 125 | 2,556 | 10 | 6.5 |

Annual averages, all trucks, weighted by number of trucks:

|      |     |     |     |    |     |       |    |     |
|------|-----|-----|-----|----|-----|-------|----|-----|
| 1939 | 280 | 95  | 85  | 88 | 268 | 5,389 | 10 | 5.5 |
| 1938 | 299 | 99  | 85  | 95 | 279 | 5,439 | 10 | 5.5 |
| 1937 | 286 | 86  | 81  | 95 | 262 | 4,724 | 10 | 5.6 |
| 1936 | 284 | 114 | 89  | 92 | 295 | 5,313 | 10 | 5.6 |
| 1935 | 334 | 140 | 103 | 95 | 338 | 5,549 | 9  | 6.1 |

\* Unknown. The speedometer was broken on 15 trucks.

The letter after the farm number indicates the size of the truck. S = 1 ton or smaller. L =  $1\frac{1}{2}$  ton or larger.

The 25 small trucks with known mileage were driven an average of 5159 miles at a cost of \$240, or 4.7 cents per mile. The 33 large trucks were driven 5564 miles at a cost of \$340, or 6.1 cents per mile.

| Farm<br>number                                                                  | Number<br>of<br>heifers | Average age,<br>end of year<br>months | Average per heifer |                  |
|---------------------------------------------------------------------------------|-------------------------|---------------------------------------|--------------------|------------------|
|                                                                                 |                         |                                       | cost<br>dollars    | value<br>dollars |
| 358                                                                             | 86                      | 18                                    | 154                | 100              |
| 188                                                                             | 65                      | 19                                    | 83                 | 86               |
| 196                                                                             | 56                      | 19                                    | 195                | 136              |
| 331                                                                             | 40                      | 15                                    | 215                | 96               |
| 292                                                                             | 39                      | 20                                    | 72                 | 86               |
| 344                                                                             | 35                      | 17                                    | 151                | 118              |
| 287                                                                             | 35                      | 20                                    | 72                 | 96               |
| 361                                                                             | 33                      | 20                                    | 160                | 68               |
| 139                                                                             | 31                      | 19                                    | 124                | 140              |
| 362                                                                             | 28                      | 21                                    | 119                | 80               |
| 330                                                                             | 28                      | 19                                    | 117                | 106              |
| 318                                                                             | 26                      | 13                                    | 87                 | 75               |
| 278                                                                             | 26                      | 15                                    | 182                | 133              |
| 316                                                                             | 25                      | 15                                    | 206                | 95               |
| 150                                                                             | 23                      | 13                                    | 128                | 58               |
| 357                                                                             | 22                      | 14                                    | 107                | 100              |
| 355                                                                             | 22                      | 18                                    | 92                 | 68               |
| 324                                                                             | 22                      | 16                                    | 98                 | 88               |
| 281                                                                             | 22                      | 17                                    | 144                | 125              |
| 288                                                                             | 21                      | 13                                    | 85                 | 100              |
| 306                                                                             | 20                      | 13                                    | 142                | 108              |
| 169                                                                             | 20                      | 20                                    | 81                 | 100              |
| 155                                                                             | 20                      | 16                                    | 89                 | 66               |
| 145                                                                             | 19                      | 16                                    | 129                | 88               |
| 295                                                                             | 18                      | 20                                    | 55                 | 55               |
| 163                                                                             | 18                      | 17                                    | 70                 | 76               |
| 348                                                                             | 17                      | 14                                    | 75                 | 85               |
| 343                                                                             | 17                      | 24                                    | 101                | 76               |
| 24                                                                              | 17                      | 13                                    | 167                | 200              |
| 299                                                                             | 16                      | 13                                    | 108                | 125              |
| 130                                                                             | 16                      | 21                                    | 149                | 100              |
| 325                                                                             | 15                      | 14                                    | 103                | 100              |
| 319                                                                             | 15                      | 17                                    | 101                | 112              |
| 160                                                                             | 15                      | 16                                    | 124                | 92               |
| 351                                                                             | 14                      | 12                                    | 85                 | 75               |
| 309                                                                             | 14                      | 16                                    | 115                | 65               |
| 165                                                                             | 12                      | 13                                    | 110                | 80               |
| 341                                                                             | 11                      | 22                                    | 108                | 66               |
| 338                                                                             | 10                      | 21                                    | 185                | 100              |
| 166                                                                             | 9                       | 29                                    | 85                 | 50               |
| 202                                                                             | 8                       | 17                                    | 73                 | 100              |
| 200                                                                             | 8                       | 14                                    | 82                 | 125              |
| 284                                                                             | 5                       | 19                                    | 138                | 75               |
| 149                                                                             | 5                       | 20                                    | 160                | -                |
| 164                                                                             | 3                       | 14                                    | 202                | 65               |
| Averages for 1939, by thirds according to number of heifers, weighted by farms: |                         |                                       |                    |                  |
| High                                                                            | 38                      | 18                                    | 138                | 98               |
| Medium                                                                          | 19                      | 16                                    | 103                | 97               |
| Low                                                                             | 11                      | 18                                    | 121                | 80               |
| Annual averages, all farms, weighted by number of heifers:                      |                         |                                       |                    |                  |
| 1939                                                                            | 23                      | 17                                    | 126                | 94               |
| 1938                                                                            | 23                      | 17                                    | 129                | 97               |

Factors from 48 DAIRY COW accounts, 1939  
(Arranged by number of cows)

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| Farm<br>number                                                               | Size<br>of<br>herd<br>cows | Value<br>per<br>cow<br>dollars | Feed per cow    |             |                | Cost of<br>feed and Depre-<br>bedding<br>per cow<br>dollars | ciation<br>per cow<br>dollars | Average per<br>100 pounds<br>of milk |                  |
|------------------------------------------------------------------------------|----------------------------|--------------------------------|-----------------|-------------|----------------|-------------------------------------------------------------|-------------------------------|--------------------------------------|------------------|
|                                                                              |                            |                                | grain<br>pounds | hay<br>tons | silage<br>tons |                                                             |                               | cost<br>dollars                      | value<br>dollars |
| 358                                                                          | 69.3                       | 141                            | 2,583           | 2.2         | 1.5            | 81                                                          | 0                             | 2.34                                 | 2.44             |
| 188                                                                          | 60.3                       | 97                             | 2,767           | 3.2         | 4.3            | 85                                                          | 9                             | 1.66                                 | 1.64             |
| 292                                                                          | 37.5                       | 107                            | 2,921           | 1.9         | 5.0            | 100                                                         | 19                            | 1.94                                 | 1.53             |
| 344                                                                          | 36.8                       | 109                            | 2,685           | 2.0         | 4.5            | 80                                                          | 4                             | 1.34                                 | 1.56             |
| 196                                                                          | 34.2                       | 140                            | 3,019           | 3.2         | 2.2            | 125                                                         | 19                            | 2.64                                 | 2.04             |
| 362                                                                          | 32.8                       | 86                             | 1,628           | 2.9         | 3.8            | 111                                                         | 9                             | 2.52                                 | 2.20             |
| 341                                                                          | 31.7                       | 117                            | 3,264           | 3.1         | 0.0            | 112                                                         | 24                            | 2.15                                 | 1.88             |
| 325                                                                          | 30.8                       | 107                            | 1,599           | 2.4         | 6.4            | 77                                                          | 0                             | 1.73                                 | 1.87             |
| 278                                                                          | 30.0                       | 155                            | 4,004           | 2.0         | 2.8            | 101                                                         | 5                             | 1.20                                 | 1.66             |
| 330                                                                          | 29.1                       | 107                            | 3,001           | 1.0         | 7.5            | 100                                                         | 24                            | 1.61                                 | 2.12             |
| 287                                                                          | 27.7                       | 138                            | 2,044           | 2.4         | 2.5            | 77                                                          | 15                            | 1.97                                 | 1.47             |
| 364                                                                          | 27.6                       | 94                             | 1,709           | 2.4         | 2.6            | 83                                                          | 11                            | 2.73                                 | 2.39             |
| 359                                                                          | 26.5                       | 106                            | 3,342           | 2.1         | 4.2            | 111                                                         | 3                             | 1.97                                 | 1.85             |
| 130                                                                          | 26.4                       | 105                            | 2,571           | 2.7         | 6.0            | 96                                                          | 5                             | 1.72                                 | 1.91             |
| 355                                                                          | 25.4                       | 104                            | 2,317           | 2.6         | 5.3            | 95                                                          | 1                             | 1.56                                 | 1.77             |
| 331                                                                          | 25.3                       | 126                            | 3,273           | 4.3         | 4.6            | 129                                                         | 0                             | 1.49                                 | 1.62             |
| 281                                                                          | 24.8                       | 123                            | 3,880           | 2.5         | 6.9            | 119                                                         | 14                            | 1.60                                 | 1.84             |
| 361                                                                          | 24.3                       | 102                            | 3,039           | 2.8         | 5.6            | 106                                                         | 18                            | 1.96                                 | 1.55             |
| 343                                                                          | 23.5                       | 97                             | 2,133           | 1.9         | 3.4            | 84                                                          | 24                            | 2.25                                 | 1.72             |
| 316                                                                          | 23.4                       | 109                            | 4,332           | 1.2         | 5.9            | 135                                                         | 11                            | 3.14                                 | 2.83             |
| 318                                                                          | 22.8                       | 100                            | 2,376           | 2.3         | 9.6            | 103                                                         | 6                             | 2.11                                 | 1.93             |
| 348                                                                          | 22.7                       | 99                             | 2,235           | 1.3         | 3.3            | 73                                                          | 18                            | 1.51                                 | 1.60             |
| 139                                                                          | 22.5                       | 181                            | 4,465           | 2.4         | 4.0            | 121                                                         | 3                             | 1.83                                 | 2.06             |
| 165                                                                          | 20.8                       | 86                             | 2,575           | 2.5         | 4.7            | 93                                                          | 7                             | 1.71                                 | 1.71             |
| 357                                                                          | 20.5                       | 94                             | 1,474           | 1.5         | 4.9            | 76                                                          | 24                            | 2.15                                 | 1.89             |
| 299                                                                          | 19.9                       | 130                            | 2,517           | 2.5         | 1.4            | 92                                                          | 0                             | 1.79                                 | 1.63             |
| 150                                                                          | 19.8                       | 69                             | 1,415           | 1.9         | 4.9            | 64                                                          | 3                             | 1.95                                 | 2.32             |
| 145                                                                          | 19.6                       | 98                             | 1,164           | 2.2         | 3.6            | 72                                                          | 18                            | 2.48                                 | 2.66             |
| 351                                                                          | 18.6                       | 80                             | 1,800           | 2.2         | 5.3            | 79                                                          | 8                             | 1.57                                 | 1.62             |
| 163                                                                          | 17.7                       | 110                            | 3,444           | 2.7         | 5.5            | 115                                                         | 5                             | 1.65                                 | 1.73             |
| 306                                                                          | 17.5                       | 108                            | 3,077           | 1.8         | 4.9            | 115                                                         | 4                             | 1.63                                 | 1.75             |
| 169                                                                          | 17.2                       | 107                            | 2,095           | 1.5         | 6.5            | 82                                                          | 5                             | 2.34                                 | 2.73             |
| 319                                                                          | 17.1                       | 133                            | 1,033           | 1.9         | 3.6            | 61                                                          | 7                             | 2.35                                 | 2.04             |
| 288                                                                          | 15.5                       | 102                            | 1,953           | 1.6         | 6.2            | 79                                                          | 15                            | 2.07                                 | 1.95             |
| 309                                                                          | 15.0                       | 102                            | 3,056           | 2.0         | 6.0            | 102                                                         | 16                            | 1.89                                 | 1.74             |
| 266                                                                          | 14.8                       | 117                            | 2,044           | 2.4         | 7.4            | 90                                                          | 6                             | 2.22                                 | 2.04             |
| 155                                                                          | 14.5                       | 76                             | 2,774           | 1.4         | 3.8            | 71                                                          | 2                             | 2.03                                 | 2.62             |
| 149                                                                          | 13.7                       | 86                             | 2,374           | 1.1         | 11.7           | 105                                                         | 0                             | 2.18                                 | 1.99             |
| 166                                                                          | 13.5                       | 62                             | 1,959           | 1.8         | 3.6            | 81                                                          | 0                             | 1.56                                 | 1.79             |
| 324                                                                          | 13.2                       | 104                            | 2,921           | 1.1         | 6.2            | 92                                                          | 29                            | 1.76                                 | 1.75             |
| 295                                                                          | 12.8                       | 65                             | 520             | 2.1         | 2.6            | 65                                                          | 27                            | 3.07                                 | 1.75             |
| 164                                                                          | 12.8                       | 87                             | 2,494           | 1.5         | 5.8            | 107                                                         | 4                             | 2.23                                 | 1.64             |
| 284                                                                          | 12.6                       | 114                            | 3,193           | 1.7         | 5.6            | 107                                                         | 17                            | 2.17                                 | 1.58             |
| 200                                                                          | 11.4                       | 122                            | 2,482           | 1.1         | 0.0            | 64                                                          | 4                             | 1.93                                 | 2.32             |
| 24                                                                           | 11.4                       | 184                            | 4,805           | 4.7         | 2.6            | 144                                                         | 0                             | 2.99                                 | 2.52             |
| 202                                                                          | 10.6                       | 127                            | 2,283           | 1.8         | 2.9            | 78                                                          | 21                            | 2.74                                 | 2.16             |
| 160                                                                          | 9.0                        | 103                            | 3,181           | 4.3         | 7.6            | 137                                                         | 3                             | 2.48                                 | 1.69             |
| 338                                                                          | 8.1                        | 106                            | 2,802           | 3.0         | 3.5            | 121                                                         | 17                            | 2.46                                 | 1.59             |
| Averages for 1939, by thirds according to number of cows, weighted by farms: |                            |                                |                 |             |                |                                                             |                               |                                      |                  |
| High                                                                         | 34.5                       | 115                            | 2,670           | 2.5         | 4.0            | 98                                                          | 9                             | 1.91                                 | 1.87             |
| Medium                                                                       | 21.0                       | 106                            | 2,626           | 2.1         | 5.0            | 96                                                          | 10                            | 1.98                                 | 1.97             |
| Low                                                                          | 12.9                       | 106                            | 2,492           | 2.1         | 4.9            | 94                                                          | 10                            | 2.26                                 | 1.95             |
| Annual average, all farms, weighted by cows:                                 |                            |                                |                 |             |                |                                                             |                               |                                      |                  |
| 1939                                                                         | 22.8                       | 110                            | 2,624           | 2.3         | 4.4            | 95                                                          | 7                             | 1.96                                 | 1.89             |

| Milk<br>per<br>cow<br>cwt. | Milk<br>test<br>% | Average per cow |               |              | Labor<br>returns |                   | Labor<br>per<br>cow<br>hours | Profit<br>on<br>enter-<br>prise<br>dollars | Farm<br>number |
|----------------------------|-------------------|-----------------|---------------|--------------|------------------|-------------------|------------------------------|--------------------------------------------|----------------|
|                            |                   | cost<br>\$      | returns<br>\$ | profit<br>\$ | per<br>cow<br>\$ | per<br>hour<br>\$ |                              |                                            |                |
|                            |                   |                 |               |              |                  |                   |                              |                                            |                |
| 61                         | 5.1               | 188             | 194           | 6            | 51               | 0.43              | 117                          | 419                                        | 358            |
| 79                         | 3.6               | 145             | 144           | - 1          | 31               | 0.25              | 124                          | - 83                                       | 188            |
| 95                         | 3.4               | 197             | 157           | -40          | - 6              | -0.05             | 116                          | -1,485                                     | 292            |
| 92                         | 3.4               | 149             | 169           | 20           | 54               | 0.44              | 124                          | 722                                        | 344            |
| 110                        | 3.2               | 311             | 244           | -67          | 37               | 0.15              | 249                          | -2,288                                     | 196            |
| 69                         | 3.6               | 188             | 167           | -21          | 14               | 0.12              | 119                          | -720                                       | 362            |
| 78                         | 3.7               | 182             | 162           | -20          | 6                | 0.06              | 117                          | -659                                       | 341            |
| 86                         | 3.5               | 165             | 177           | 12           | 64               | 0.39              | 164                          | 371                                        | 325            |
| 110                        | 3.7               | 178             | 227           | 49           | 94               | 0.47              | 202                          | 1,487                                      | 278            |
| 100                        | 3.5               | 176             | 227           | 51           | 79               | 0.73              | 109                          | 1,488                                      | 330            |
| 66                         | 3.2               | 142             | 109           | -33          | -10              | -0.15             | 68                           | -903                                       | 287            |
| 57                         | 4.2               | 163             | 144           | -19          | 20               | 0.13              | 155                          | -522                                       | 364            |
| 90                         | 3.5               | 194             | 183           | -11          | 39               | 0.25              | 159                          | -307                                       | 359            |
| 85                         | 3.5               | 174             | 189           | 15           | 42               | 0.47              | 90                           | 410                                        | 130            |
| 92                         | 3.3               | 157             | 175           | 18           | 46               | 0.54              | 85                           | 478                                        | 355            |
| 100                        | 3.7               | 201             | 214           | 13           | 50               | 0.39              | 128                          | 330                                        | 331            |
| 110                        | 3.4               | 206             | 232           | 26           | 54               | 0.40              | 136                          | 652                                        | 281            |
| 93                         | 3.4               | 195             | 156           | -39          | - 9              | -0.06             | 147                          | -937                                       | 361            |
| 75                         | 3.2               | 180             | 141           | -39          | - 4              | -0.02             | 168                          | -926                                       | 343            |
| 70                         | 5.0               | 242             | 219           | -23          | 42               | 0.18              | 225                          | -524                                       | 316            |
| 76                         | 3.3               | 174             | 161           | -13          | 19               | 0.16              | 123                          | -314                                       | 318            |
| 81                         | 3.2               | 135             | 143           | 8            | 34               | 0.36              | 95                           | 168                                        | 348            |
| 103                        | 3.5               | 204             | 228           | 24           | 56               | 0.42              | 133                          | 554                                        | 139            |
| 95                         | 3.6               | 182             | 183           | 1            | 37               | 0.34              | 108                          | 12                                         | 165            |
| 71                         | 3.4               | 171             | 152           | -19          | 17               | 0.12              | 138                          | -387                                       | 357            |
| 90                         | 3.6               | 181             | 166           | -15          | 35               | 0.23              | 154                          | -297                                       | 299            |
| 64                         | 4.8               | 137             | 161           | 24           | 61               | 0.57              | 107                          | 468                                        | 150            |
| 55                         | 4.5               | 149             | 159           | 10           | 37               | 0.44              | 85                           | 190                                        | 145            |
| 77                         | 3.6               | 133             | 137           | 4            | 26               | 0.33              | 78                           | 67                                         | 351            |
| 102                        | 3.6               | 198             | 207           | 9            | 48               | 0.41              | 116                          | 164                                        | 163            |
| 102                        | 3.6               | 183             | 195           | 12           | 43               | 0.49              | 88                           | 208                                        | 306            |
| 59                         | 5.4               | 150             | 173           | 23           | 61               | 0.54              | 113                          | 398                                        | 169            |
| 61                         | 4.5               | 161             | 142           | -19          | 33               | 0.20              | 166                          | -336                                       | 319            |
| 72                         | 4.4               | 169             | 160           | - 9          | 32               | 0.21              | 156                          | -132                                       | 288            |
| 96                         | 3.3               | 197             | 182           | -15          | 34               | 0.18              | 192                          | -220                                       | 309            |
| 69                         | 3.9               | 178             | 166           | -12          | 23               | 0.18              | 126                          | -182                                       | 266            |
| 66                         | 5.2               | 148             | 187           | 39           | 79               | 0.38              | 205                          | 566                                        | 155            |
| 81                         | 4.0               | 187             | 172           | -15          | 25               | 0.13              | 187                          | -206                                       | 149            |
| 99                         | 3.4               | 167             | 190           | 23           | 59               | 0.55              | 108                          | 303                                        | 166            |
| 107                        | 3.3               | 206             | 205           | - 1          | 42               | 0.29              | 146                          | - 14                                       | 324            |
| 48                         | 4.0               | 156             | 93            | -63          | -23              | -0.19             | 123                          | -804                                       | 295            |
| 86                         | 3.5               | 199             | 149           | -50          | 6                | 0.04              | 169                          | -652                                       | 164            |
| 96                         | 3.5               | 224             | 167           | -57          | 14               | 0.09              | 158                          | -716                                       | 284            |
| 68                         | 4.0               | 144             | 171           | 27           | 71               | 0.58              | 122                          | 303                                        | 200            |
| 80                         | 4.7               | 297             | 260           | -37          | 44               | 0.15              | 295                          | -426                                       | 24             |
| 66                         | 4.7               | 195             | 156           | -39          | 17               | 0.08              | 208                          | -409                                       | 202            |
| 95                         | 3.5               | 247             | 172           | -75          | -18              | -0.11             | 167                          | -671                                       | 160            |
| 95                         | 3.3               | 250             | 168           | -82          | -28              | -0.15             | 178                          | -672                                       | 338            |

Averages for 1939, by thirds according to number of cows, weighted by farms:

|    |     |     |     |     |    |      |     |      |        |
|----|-----|-----|-----|-----|----|------|-----|------|--------|
| 86 | 3.6 | 182 | 180 | - 2 | 38 | 0.29 | 133 | - 79 | High   |
| 83 | 3.8 | 176 | 176 | 0   | 35 | 0.31 | 126 | - 32 | Medium |
| 80 | 4.0 | 195 | 171 | -24 | 26 | 0.16 | 169 | -267 | Low    |

Annual average, all farms, weighted by number of cows:

|    |     |     |     |     |    |      |     |      |      |
|----|-----|-----|-----|-----|----|------|-----|------|------|
| 83 | 3.7 | 180 | 174 | - 6 | 35 | 0.25 | 138 | -126 | 1939 |
|----|-----|-----|-----|-----|----|------|-----|------|------|

Factors from 39 HEN accounts, 1939  
(Arranged by number of birds)

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| Farm<br>number                                                                | Size<br>of<br>flock<br>birds | Eggs<br>per<br>hen<br>eggs | Average per bird       |                       |                                |                              |                          |                             |
|-------------------------------------------------------------------------------|------------------------------|----------------------------|------------------------|-----------------------|--------------------------------|------------------------------|--------------------------|-----------------------------|
|                                                                               |                              |                            | grain<br>fed<br>pounds | mash<br>fed<br>pounds | cost<br>all<br>feed<br>dollars | depre-<br>ciation<br>dollars | total<br>cost<br>dollars | total<br>returns<br>dollars |
| 193                                                                           | 2,928                        | 172                        | 37                     | 50                    | 1.60                           | 0.55                         | 3.18                     | 3.30                        |
| 310                                                                           | 2,603                        | 176                        | 60                     | 37                    | 1.78                           | 0.63                         | 3.79                     | 3.77                        |
| 291                                                                           | 2,043                        | 173                        | 49                     | 44                    | 1.68                           | 0.97                         | 3.91                     | 3.43                        |
| 345                                                                           | 1,859                        | 180                        | 61                     | 37                    | 1.97                           | 0.29                         | 3.15                     | 4.19                        |
| 196                                                                           | 1,532                        | 162                        | 57                     | 24                    | 1.62                           | 0.78                         | 4.10                     | 3.35                        |
| 160                                                                           | 1,370                        | 172                        | 58                     | 41                    | 1.98                           | 0.80                         | 4.12                     | 3.74                        |
| 186                                                                           | 1,368                        | 174                        | 63                     | 40                    | 1.41                           | 0.53                         | 3.08                     | 3.57                        |
| 287                                                                           | 1,301                        | 105                        | 56                     | 26                    | 1.40                           | 0.72                         | 2.85                     | 2.20                        |
| 221                                                                           | 1,250                        | 157                        | 59                     | 48                    | 1.77                           | 0.46                         | 2.91                     | 3.36                        |
| 211                                                                           | 1,239                        | 152                        | 59                     | 44                    | 1.70                           | 0.46                         | 2.83                     | 3.11                        |
| 146                                                                           | 864                          | 153                        | 27                     | 45                    | 1.33                           | 0.90                         | 3.06                     | 2.98                        |
| 331                                                                           | 848                          | 153                        | 56                     | 47                    | 1.91                           | 0.00                         | 3.35                     | 3.01                        |
| 354                                                                           | 823                          | 171                        | 75                     | 34                    | 2.14                           | 0.29                         | 3.68                     | 3.31                        |
| 103                                                                           | 821                          | 169                        | 59                     | 48                    | 1.52                           | 1.64                         | 4.50                     | 3.55                        |
| 324                                                                           | 784                          | 185                        | 50                     | 43                    | 1.60                           | 0.50                         | 2.89                     | 3.50                        |
| 338                                                                           | 753                          | 183                        | 45                     | 42                    | 1.57                           | 0.57                         | 2.92                     | 3.82                        |
| 145                                                                           | 604                          | 103                        | 46                     | 38                    | 1.66                           | 0.77                         | 3.40                     | 2.24                        |
| 165                                                                           | 518                          | 194                        | 49                     | 47                    | 1.88                           | 0.82                         | 4.02                     | 4.07                        |
| 361                                                                           | 505                          | 155                        | 60                     | 39                    | 1.62                           | 0.66                         | 3.01                     | 2.96                        |
| 266                                                                           | 490                          | 180                        | 84                     | 41                    | 1.78                           | 0.74                         | 3.59                     | 4.05                        |
| 130                                                                           | 433                          | 150                        | 50                     | 44                    | 1.51                           | 0.84                         | 3.58                     | 2.76                        |
| 330                                                                           | 432                          | 158                        | 56                     | 32                    | 1.52                           | 0.67                         | 2.83                     | 3.04                        |
| 174                                                                           | 410                          | 136                        | 64                     | 62                    | 2.38                           | 0.54                         | 4.19                     | 3.27                        |
| 149                                                                           | 389                          | 158                        | 34                     | 58                    | 1.58                           | 0.61                         | 3.39                     | 3.39                        |
| 175                                                                           | 364                          | 190                        | 41                     | 47                    | 1.81                           | 0.55                         | 3.58                     | 4.40                        |
| 309                                                                           | 310                          | 132                        | 47                     | 45                    | 1.63                           | 0.50                         | 2.87                     | 2.47                        |
| 288                                                                           | 288                          | 203                        | 76                     | 53                    | 2.31                           | 0.83                         | 4.68                     | 3.72                        |
| 299                                                                           | 286                          | 194                        | 42                     | 53                    | 1.73                           | 0.44                         | 3.42                     | 4.06                        |
| 139                                                                           | 286                          | 163                        | 65                     | 31                    | 1.70                           | 1.10                         | 4.33                     | 3.24                        |
| 166                                                                           | 256                          | 157                        | 43                     | 46                    | 1.71                           | 0.71                         | 3.85                     | 3.39                        |
| 153                                                                           | 241                          | 189                        | 59                     | 51                    | 2.24                           | 0.69                         | 4.40                     | 3.28                        |
| 355                                                                           | 233                          | 165                        | 44                     | 47                    | 1.59                           | 0.30                         | 3.02                     | 3.33                        |
| 357                                                                           | 222                          | 148                        | 44                     | 66                    | 2.16                           | 0.81                         | 3.87                     | 2.84                        |
| 150                                                                           | 196                          | 98                         | 47                     | 53                    | 1.41                           | 0.63                         | 3.78                     | 1.92                        |
| 362                                                                           | 195                          | 168                        | 57                     | 57                    | 2.49                           | 0.24                         | 4.68                     | 3.46                        |
| 278                                                                           | 191                          | 62                         | 41                     | 21                    | 1.18                           | 0.49                         | 2.06                     | 1.29                        |
| 281                                                                           | 186                          | 182                        | 62                     | 63                    | 2.34                           | 0.42                         | 3.68                     | 3.48                        |
| 284                                                                           | 180                          | 130                        | 36                     | 35                    | 1.39                           | 0.27                         | 2.28                     | 2.55                        |
| 155                                                                           | 134                          | 183                        | 59                     | 41                    | 1.58                           | 0.51                         | 2.68                     | 3.30                        |
| Averages for 1939, by thirds according to number of birds, weighted by farms: |                              |                            |                        |                       |                                |                              |                          |                             |
| High                                                                          | 1,541                        | 162                        | 55                     | 40                    | 1.71                           | 0.57                         | 3.39                     | 3.33                        |
| Medium                                                                        | 524                          | 161                        | 53                     | 45                    | 1.70                           | 0.72                         | 3.44                     | 3.35                        |
| Low                                                                           | 223                          | 157                        | 52                     | 47                    | 1.83                           | 0.57                         | 3.59                     | 3.07                        |
| Annual averages, all farms, weighted by number of birds:                      |                              |                            |                        |                       |                                |                              |                          |                             |
| 1939                                                                          | 762                          | 164                        | 54                     | 42                    | 1.72                           | 0.63                         | 3.46                     | 3.37                        |
| 1938                                                                          | 737                          | 152                        | 51                     | 41                    | 1.64                           | 0.63                         | 3.35                     | 3.48                        |
| 1937                                                                          | 720                          | 150                        | 43                     | 43                    | 1.98                           | 0.53                         | 3.65                     | 3.37                        |
| 1936                                                                          | 746                          | 150                        | 46                     | 42                    | 1.94                           | 0.55                         | 3.63                     | 3.55                        |
| 1935                                                                          | 760                          | 146                        | 45                     | 42                    | 1.76                           | 0.37                         | 3.31                     | 3.67                        |

| Per dozen<br>eggs                                                             |       | Per 100 birds |       | Return<br>per<br>hour of<br>labor | Mortal-<br>ity | Profit<br>on<br>enter-<br>prise | Farm<br>number |
|-------------------------------------------------------------------------------|-------|---------------|-------|-----------------------------------|----------------|---------------------------------|----------------|
| cost                                                                          | value | returns       | labor | labor                             | ity            | dollars                         |                |
| cents                                                                         | cents | dollars       | hours | dollars                           | per cent       |                                 |                |
| 22                                                                            | 23    | 52            | 144   | 0.36                              | 11             | 334                             | 193            |
| 27                                                                            | 27    | 73            | 214   | 0.34                              | 28             | - 31                            | 310            |
| 29                                                                            | 25    | 14            | 167   | 0.09                              | 38             | -977                            | 291            |
| 21                                                                            | 28    | 148           | 144   | 1.03                              | 21             | 1,932                           | 345            |
| 31                                                                            | 25    | 15            | 218   | 0.07                              | 28             | -1,160                          | 196            |
| 29                                                                            | 26    | 43            | 242   | 0.18                              | 36             | -531                            | 160            |
| 21                                                                            | 24    | 120           | 195   | 0.61                              | 10             | 666                             | 186            |
| 34                                                                            | 26    | - 27          | 114   | -0.24                             | 69             | -844                            | 287            |
| 22                                                                            | 25    | 76            | 144   | 0.52                              | 9              | 573                             | 221            |
| 22                                                                            | 24    | 47            | 84    | 0.56                              | 31             | 352                             | 211            |
| 24                                                                            | 23    | 43            | 116   | 0.37                              | 37             | - 70                            | 146            |
| 26                                                                            | 23    | 57            | 321   | 0.18                              | 17             | -292                            | 331            |
| 25                                                                            | 23    | 25            | 136   | 0.18                              | 24             | -302                            | 354            |
| 33                                                                            | 26    | - 47          | 126   | -0.37                             | 77             | -776                            | 103            |
| 18                                                                            | 22    | 109           | 161   | 0.68                              | 23             | 476                             | 324            |
| 19                                                                            | 25    | 124           | 109   | 1.14                              | 14             | 676                             | 338            |
| 39                                                                            | 26    | - 67          | 150   | -0.45                             | 41             | -700                            | 145            |
| 24                                                                            | 24    | 76            | 209   | 0.36                              | 29             | 26                              | 165            |
| 23                                                                            | 22    | 32            | 180   | 0.18                              | 51             | - 25                            | 361            |
| 23                                                                            | 27    | 99            | 193   | 0.51                              | 45             | 223                             | 266            |
| 28                                                                            | 22    | - 6           | 260   | -0.02                             | 34             | -354                            | 130            |
| 21                                                                            | 23    | 46            | 96    | 0.48                              | 45             | 91                              | 330            |
| 35                                                                            | 27    | - 42          | 193   | -0.22                             | 33             | -376                            | 174            |
| 26                                                                            | 26    | 73            | 341   | 0.21                              | 46             | - 1                             | 149            |
| 22                                                                            | 27    | 126           | 112   | 1.13                              | 9              | 298                             | 175            |
| 26                                                                            | 23    | - 8           | 125   | -0.06                             | 16             | -124                            | 309            |
| 27                                                                            | 21    | 7             | 397   | 0.02                              | 33             | -277                            | 288            |
| 21                                                                            | 25    | 155           | 278   | 0.56                              | 9              | 184                             | 299            |
| 35                                                                            | 26    | - 13          | 404   | -0.03                             | 51             | -313                            | 139            |
| 29                                                                            | 26    | 53            | 290   | 0.18                              | 25             | -119                            | 166            |
| 27                                                                            | 20    | - 27          | 263   | -0.10                             | 20             | -270                            | 153            |
| 22                                                                            | 24    | 85            | 169   | 0.50                              | 24             | 71                              | 355            |
| 32                                                                            | 23    | - 53          | 193   | -0.27                             | 15             | -229                            | 357            |
| 47                                                                            | 24    | - 82          | 302   | -0.27                             | 61             | -364                            | 150            |
| 33                                                                            | 24    | 15            | 450   | 0.03                              | 10             | -239                            | 362            |
| 38                                                                            | 23    | - 55          | 102   | -0.54                             | 37             | -148                            | 278            |
| 24                                                                            | 23    | 38            | 280   | 0.14                              | 22             | - 37                            | 281            |
| 21                                                                            | 23    | 70            | 98    | 0.72                              | 18             | 48                              | 284            |
| 17                                                                            | 21    | 97            | 181   | 0.54                              | 40             | 83                              | 155            |
| Averages for 1939, by thirds according to number of birds, weighted by farms: |       |               |       |                                   |                |                                 |                |
| 26                                                                            | 25    | 53            | 172   | 0.33                              | 28             | - 27                            | High           |
| 26                                                                            | 25    | 40            | 173   | 0.27                              | 36             | - 44                            | Medium         |
| 29                                                                            | 23    | 22            | 252   | 0.11                              | 28             | -124                            | Low            |
| Annual averages, all farms, weighted by number of birds:                      |       |               |       |                                   |                |                                 |                |
| 25                                                                            | 25    | 49            | 181   | 0.27                              | 29             | - 65                            | 1939           |
| 26                                                                            | 27    | 68            | 175   | 0.39                              | 30             | 98                              | 1938           |
| 29                                                                            | 27    | 32            | 193   | 0.17                              | 30             | -201                            | 1937           |
| 29                                                                            | 28    | 51            | 194   | 0.26                              | 31             | - 59                            | 1936           |
| 27                                                                            | 30    | 97            | 203   | 0.48                              | 24             | 276                             | 1935           |

| Farm<br>number                                                                 | Number<br>started | Raised<br>or<br>sold |    | Died | Average per<br>100 chicks<br>started |       |       | Average<br>Per bird<br>raised |       | Return<br>per<br>hour of<br>labor | Profit<br>on<br>enter-<br>prise |
|--------------------------------------------------------------------------------|-------------------|----------------------|----|------|--------------------------------------|-------|-------|-------------------------------|-------|-----------------------------------|---------------------------------|
|                                                                                |                   | Broilers             | %  |      | Feed                                 | labor | value | cost                          | value |                                   |                                 |
|                                                                                | number            | %                    | %  | %    | pounds                               | hours | \$    | \$                            | \$    | dollars                           | dollars                         |
| 103                                                                            | 9,630             | 17                   | 66 | 17   | 1,258                                | 14    | 10    | 0.86                          | 1.18  | 0.78                              | 513                             |
| 287                                                                            | 5,600             | 36                   | 46 | 18   | 1,098                                | 19    | 10    | 1.15                          | 0.95  | 0.07                              | -278                            |
| 291                                                                            | 5,516             | 41                   | 47 | 12   | 2,146                                | 23    | 10    | 0.76                          | 1.07  | 0.88                              | 644                             |
| 193                                                                            | 5,510             | 49                   | 28 | 23   | 2,015                                | 27    | 14    | 1.36                          | 0.84  | -0.61                             | -1,401                          |
| 310                                                                            | 4,944             | 46                   | 46 | 8    | 2,015                                | 32    | 23    | 1.47                          | 1.07  | -0.21                             | -889                            |
| 186                                                                            | 3,600             | 31                   | 30 | 39   | 1,122                                | 15    | 10    | 0.80                          | 1.00  | 0.78                              | 224                             |
| 345                                                                            | 3,300             | 42                   | 44 | 14   | 1,513                                | 29    | 14    | 0.92                          | 1.00  | 0.43                              | 118                             |
| 331                                                                            | 2,716             | 37                   | 43 | 20   | 1,080                                | 34    | 13    | 0.50                          | 0.90  | 0.71                              | 396                             |
| 196                                                                            | 2,534             | 49                   | 47 | 4    | 1,033                                | 37    | 12    | 1.19                          | 1.24  | 0.47                              | 52                              |
| 160                                                                            | 2,454             | 42                   | 40 | 18   | 1,895                                | 50    | 12    | 1.36                          | 1.34  | 0.32                              | -25                             |
| 211                                                                            | 2,260             | 43                   | 40 | 17   | 1,405                                | 12    | 12    | 0.80                          | 0.80  | 0.24                              | 5                               |
| 146                                                                            | 2,000             | 49                   | 40 | 11   | 883                                  | 17    | 15    | 0.96                          | 1.04  | 0.65                              | 79                              |
| 338                                                                            | 1,872             | 44                   | 49 | 7    | 1,346                                | 27    | 12    | 0.96                          | 1.21  | 0.71                              | 206                             |
| 354                                                                            | 1,810             | 42                   | 44 | 14   | 1,671                                | 32    | 8     | 1.13                          | 1.00  | 0.28                              | -100                            |
| 361                                                                            | 1,657             | 43                   | 36 | 21   | 1,011                                | 34    | 14    | 0.97                          | 1.00  | 0.25                              | 24                              |
| 174                                                                            | 1,625             | 20                   | 27 | 53   | 1,825                                | 19    | 13    | 2.36                          | 0.60  | -1.60                             | -573                            |
| 324                                                                            | 1,527             | 47                   | 40 | 13   | 766                                  | 20    | 13    | 0.55                          | 1.00  | 1.38                              | 324                             |
| 139                                                                            | 1,210             | 28                   | 37 | 35   | 793                                  | 44    | 11    | 1.29                          | 1.30  | 0.24                              | 3                               |
| 266                                                                            | 1,200             | 62                   | 27 | 11   | 1,715                                | 54    | 16    | 0.99                          | 1.00  | 0.29                              | 7                               |
| 221                                                                            | 1,058             | 88                   | 9  | 3    | 2,009                                | 58    | 29    | 1.02                          | 1.00  | 0.18                              | -14                             |
| 153                                                                            | 1,000             | 47                   | 44 | 9    | 2,354                                | 44    | 13    | 0.76                          | 1.25  | 0.83                              | 230                             |
| 149                                                                            | 1,000             | 36                   | 43 | 21   | 1,686                                | 59    | 14    | 1.33                          | 1.00  | 0.01                              | -119                            |
| 145                                                                            | 800               | 25                   | 20 | 55   | 950                                  | 22    | 10    | 1.16                          | 0.90  | 0.03                              | -52                             |
| 175                                                                            | 700               | 27                   | 47 | 26   | 1,621                                | 15    | 13    | 1.37                          | 1.00  | -0.28                             | -71                             |
| 150                                                                            | 700               | 50                   | 27 | 23   | 1,157                                | 56    | 16    | 1.09                          | 1.18  | 0.43                              | 29                              |
| 357                                                                            | 655               | 48                   | 45 | 7    | 3,397                                | 41    | 9     | 1.14                          | 1.27  | 0.41                              | 41                              |
| 330                                                                            | 600               | 36                   | 42 | 22   | 2,533                                | 30    | 12    | 1.63                          | 1.50  | 0.09                              | -30                             |
| 130                                                                            | 600               | 44                   | 50 | 6    | 1,880                                | 54    | 16    | 1.39                          | 1.00  | -0.02                             | -104                            |
| 309                                                                            | 576               | 36                   | 24 | 40   | 1,024                                | 18    | 15    | 1.07                          | 1.22  | 0.52                              | 29                              |
| 355                                                                            | 530               | 36                   | 49 | 15   | 1,094                                | 34    | 10    | 1.01                          | 1.00  | 0.31                              | -2                              |
| 165                                                                            | 523               | 81                   | 3  | 16   | 1,702                                | 13    | 48    | 1.10                          | 1.00  | -0.32                             | -43                             |
| 299                                                                            | 500               | 41                   | 39 | 20   | 1,170                                | 56    | 12    | 1.16                          | 1.00  | 0.21                              | -32                             |
| 288                                                                            | 462               | 81                   | 10 | 9    | 1,400                                | 50    | 23    | 0.77                          | 1.00  | 0.63                              | 86                              |
| 348                                                                            | 400               | 44                   | 41 | 15   | 1,644                                | 32    | 14    | 0.75                          | 0.99  | 0.59                              | 39                              |
| 135                                                                            | 400               | 16                   | 12 | 72   | 50                                   | 20    | 8     | 1.00                          | 1.00  | 0.46                              | 0                               |
| 362                                                                            | 357               | 64                   | 26 | 10   | 1,576                                | 45    | 19    | 1.18                          | 1.00  | 0.05                              | -42                             |
| 281                                                                            | 337               | 45                   | 50 | 5    | 1,810                                | 45    | 13    | 1.09                          | 1.00  | 0.13                              | -12                             |
| 155                                                                            | 312               | 50                   | 34 | 16   | 1,547                                | 98    | 10    | 0.92                          | 1.25  | 0.36                              | 51                              |
| 166                                                                            | 300               | 40                   | 43 | 17   | 1,347                                | 78    | 12    | 1.70                          | 1.00  | -0.01                             | -84                             |
| 278                                                                            | 200               | 88                   | 0  | 12   | 1,000                                | 12    | 35    | 0.73                          | 1.00  | 2.08                              | 47                              |
| Averages for 1939, by thirds according to number of chicks, weighted by farms: |                   |                      |    |      |                                      |       |       |                               |       |                                   |                                 |
| High                                                                           | 3,995             | 40                   | 44 | 16   | 1,447                                | 26    | 13    | 1.01                          | 1.05  | 0.40                              | -27                             |
| Medium                                                                         | 1,149             | 43                   | 34 | 23   | 1,612                                | 38    | 14    | 1.17                          | 1.04  | 0.19                              | -21                             |
| Low                                                                            | 436               | 50                   | 30 | 20   | 1,413                                | 42    | 18    | 1.11                          | 1.07  | 0.36                              | -7                              |
| Annual averages, all farms, weighted by number of chicks started:              |                   |                      |    |      |                                      |       |       |                               |       |                                   |                                 |
| 1939                                                                           | 1,824             | 40                   | 42 | 18   | 1,503                                | 28    | 13    | 1.06                          | 1.04  | 0.29                              | -18                             |
| 1938                                                                           | 1,992             | 42                   | 42 | 16   | 1,375                                | 26    | 13    | 0.86                          | 1.03  | 0.59                              | 140                             |
| 1937                                                                           | 2,091             | 37                   | 37 | 26   | 1,176                                | 24    | 12    | 1.18                          | 1.08  | 0.18                              | -72                             |
| 1936                                                                           | 2,290             | 35                   | 41 | 24   | 1,098                                | 23    | 11    | 1.08                          | 1.04  | 0.26                              | -30                             |
| 1935                                                                           | 2,673             | 41                   | 32 | 27   | 936                                  | 21    | 11    | 1.04                          | 1.07  | 0.34                              | 22                              |

Factors from 8 INCUBATION accounts, 1939  
(Arranged by number of eggs set)

| Farm<br>number              | Eggs<br>set<br>number | Value<br>per<br>egg<br>cents | Per<br>cent<br>hatch<br>% | Average per 100<br>salable chicks hatched |                  |                    |                | Return<br>per<br>hour of<br>labor<br>dollars | Profit<br>on<br>enter-<br>prise<br>dollars |
|-----------------------------|-----------------------|------------------------------|---------------------------|-------------------------------------------|------------------|--------------------|----------------|----------------------------------------------|--------------------------------------------|
|                             |                       |                              |                           | net<br>cost<br>\$                         | value<br>dollars | labor              |                |                                              |                                            |
|                             |                       |                              |                           |                                           |                  | returns<br>dollars | labor<br>hours |                                              |                                            |
|                             |                       |                              |                           |                                           |                  |                    |                |                                              |                                            |
| 310                         | 39,806                | 5.0                          | 74                        | 10.41                                     | 14.23            | 4.93               | 3.3            | 1.51                                         | 1,129                                      |
| 291                         | 19,727                | 3.1                          | 59                        | 8.65                                      | 11.41            | 3.53               | 2.1            | 1.71                                         | 322                                        |
| 139                         | 14,559                | 2.8                          | 58                        | 9.16                                      | 11.36            | 3.00               | 3.3            | 0.90                                         | 185                                        |
| 287                         | 10,178                | 3.3                          | 58                        | 8.69                                      | 9.73             | 1.83               | 2.4            | 0.77                                         | 61                                         |
| 160                         | 9,933                 | 4.1                          | 70                        | 9.20                                      | 11.24            | 3.27               | 3.6            | 0.91                                         | 142                                        |
| 103                         | 8,400                 | 4.0                          | 59                        | 9.56                                      | 9.01             | -0.02              | 1.3            | -0.02                                        | - 27                                       |
| 196                         | 4,818                 | 4.0                          | 64                        | 13.40                                     | 12.18            | 1.68               | 7.0            | 0.24                                         | - 38                                       |
| 211                         | 3,612                 | 2.9                          | 63                        | 8.19                                      | 11.99            | 4.12               | 1.4            | 2.91                                         | 86                                         |
| Annual averages, all farms: |                       |                              |                           |                                           |                  |                    |                |                                              |                                            |
| 1939                        | 13,879                | 4.0                          | 65                        | 9.76                                      | 12.33            | 3.59               | 3.0            | 1.19                                         | 232                                        |
| 1938                        | 13,519                | 3.5                          | 65                        | 9.00                                      | 12.16            | 4.03               | 2.7            | 1.48                                         | 276                                        |
| 1937                        | 28,247                | 3.2                          | 63                        | 8.14                                      | 12.04            | 4.63               | 2.6            | 1.78                                         | 689                                        |
| 1936                        | 37,586                | 3.0                          | 60                        | 7.60                                      | 11.99            | 4.91               | 1.9            | 2.54                                         | 993                                        |
| 1935                        | 36,150                | 3.2                          | 62                        | 7.80                                      | 11.07            | 3.86               | 1.8            | 2.13                                         | 731                                        |

Factors from 6 SHEEP accounts, 1939  
(Arranged by number of sheep)

| Farm<br>number              | Average<br>number<br>sheep | Lamb<br>crop<br>per cent | Average per sheep |               |                  |                 |       |              | Return<br>per hour<br>of labor<br>dollars | Profit<br>on<br>enter-<br>prise<br>dollars |       |
|-----------------------------|----------------------------|--------------------------|-------------------|---------------|------------------|-----------------|-------|--------------|-------------------------------------------|--------------------------------------------|-------|
|                             |                            |                          | pasture           |               |                  |                 |       | wool<br>lbs. |                                           |                                            | hours |
|                             |                            |                          | grain<br>pounds   | hay<br>pounds | silage<br>pounds | cost<br>dollars | hours |              |                                           |                                            |       |
| 360                         | 189                        | 77                       | 178               | 180           | 275              | 0.93            | 8.0   | 5.2          | 0.29                                      | -100                                       |       |
| 315                         | 86                         | 100                      | 301               | 651           | 0                | 0.66            | 7.8   | 4.4          | -0.10                                     | -158                                       |       |
| 164                         | 71                         | 88                       | 152               | 620           | 0                | 3.17            | 7.1   | 7.6          | -0.18                                     | -281                                       |       |
| 327                         | 51                         | 70                       | 3                 | 627           | 745              | 1.47            | 6.9   | 10.6         | -0.17                                     | -229                                       |       |
| 170                         | 38                         | 100                      | 165               | 526           | 0                | 1.79            | 8.0   | 2.4          | -0.90                                     | -108                                       |       |
| 135                         | 13                         | 92                       | 0                 | 1,077         | 0                | 2.23            | 7.7   | 2.8          | -0.48                                     | - 71                                       |       |
| Annual averages, all farms: |                            |                          |                   |               |                  |                 |       |              |                                           |                                            |       |
| 1939                        | 75                         | 84                       | 171               | 446           | 201              | 1.41            | 8.5   | 5.8          | -0.03                                     | -158                                       |       |
| 1938                        | 60                         | 99                       | 163               | 605           | 86               | 0.99            | 6.6   | 6.0          | -0.23                                     | -194                                       |       |
| 1937                        | 81                         | -                        | 82                | 432           | 128              | 0.92            | 6.7   | 4.1          | -0.32                                     | -212                                       |       |
| 1936                        | 72                         | -                        | 136               | 462           | 162              | 1.50            | 6.1   | 4.0          | 0.68                                      | 94                                         |       |
| 1935                        | 71                         | -                        | 90                | 381           | 117              | 1.55            | 7.8   | 4.6          | 0.25                                      | - 15                                       |       |

| Farm number                 | Lambs purchased | Average number of days fed | Mortality % | Average per lamb purchased cost | per lamb weight lbs. | Average per lamb sold value | per hour of labor | Return of labor | Profit on enterprise |
|-----------------------------|-----------------|----------------------------|-------------|---------------------------------|----------------------|-----------------------------|-------------------|-----------------|----------------------|
|                             | number          | days                       | %           | \$                              | lbs.                 | \$                          | lbs.              | dollars         | dollars              |
| 186                         | 894             | 148                        | 2.5         | 5.31                            | 52                   | 8.86                        | 87                | 0.38            | 12                   |
| 170                         | 770             | 180                        | 4.0         | 4.31                            | 40                   | 7.19                        | 76                | -0.06           | -508                 |
| 221                         | 697             | 140                        | 2.3         | 5.63                            | 50                   | 8.95                        | 89                | -0.94           | -1,181               |
| 153                         | 364             | 177                        | 10.2        | 4.27                            | 43                   | 7.88                        | 79                | -0.42           | -593                 |
| 81                          | 362             | 110                        | 5.0         | 5.76                            | 53                   | 8.52                        | 88                | -0.34           | -381                 |
| 360                         | 332             | 121                        | 1.2         | 5.17                            | 49                   | 8.03                        | 85                | 0.10            | -203                 |
| Annual averages, all farms: |                 |                            |             |                                 |                      |                             |                   |                 |                      |
| 1939                        | 570             | 150                        | 3.7         | 5.07                            | 48                   | 8.29                        | 84                | -0.18           | -476                 |
| 1938                        | 602             | 143                        | 2.3         | 4.52                            | 58                   | 7.91                        | 83                | 0.65            | 297                  |

Factors from 31 SWINE accounts, 1939  
(Arranged by number of pigs)

| Farm number                                                                  | Sold or slaughtered | Returns per pound slaughtered | End inventory | Return per hour of labor | Profit on enterprise |
|------------------------------------------------------------------------------|---------------------|-------------------------------|---------------|--------------------------|----------------------|
|                                                                              | number pounds       | dollars                       | number        | dollars                  | dollars              |
| 81                                                                           | 31 4,958            | 0.09                          | 21            | -0.40                    | -307                 |
| 316                                                                          | 25 -----            | -----                         | 0             | -0.01                    | -229                 |
| 327                                                                          | 20 2,752            | 0.10                          | 62            | 0.16                     | - 72                 |
| 149                                                                          | 15 2,291            | 0.10                          | 7             | 0.00                     | - 43                 |
| 163                                                                          | 9 1,999             | 0.10                          | 6             | 0.41                     | 10                   |
| 146                                                                          | 8 1,350             | 0.09                          | 0             | -0.57                    | - 44                 |
| 318                                                                          | 8 1,282             | 0.12                          | 0             | 0.52                     | 33                   |
| 330                                                                          | 8 1,927             | 0.10                          | 6             | 0.92                     | 104                  |
| 174                                                                          | 6 1,010             | 0.11                          | 0             | 0.61                     | 10                   |
| 266                                                                          | 6 2,015             | 0.09                          | 10            | -0.03                    | - 46                 |
| 364                                                                          | 5 1,160             | 0.08                          | 13            | -0.28                    | - 93                 |
| 24                                                                           | 4 -----             | -----                         | 0             | 0.14                     | - 12                 |
| 362                                                                          | 4 800               | 0.10                          | 0             | 0.17                     | - 10                 |
| 150                                                                          | 3 366               | 0.12                          | 0             | 0.10                     | - 14                 |
| 155                                                                          | 3 836               | 0.11                          | 3             | 0.23                     | 5                    |
| 341                                                                          | 3 750               | 0.06                          | 0             | -0.42                    | - 26                 |
| 135                                                                          | 2 ----              | ----                          | 1             | -0.75                    | -107                 |
| 200                                                                          | 2 350               | 0.14                          | 0             | -0.06                    | - 14                 |
| 315                                                                          | 2 500               | 0.08                          | 0             | 0.11                     | - 9                  |
| 343                                                                          | 2 275               | 0.12                          | 0             | 0.28                     | 2                    |
| 348                                                                          | 2 458               | 0.12                          | 0             | 0.13                     | - 7                  |
| 351                                                                          | 2 679               | 0.07                          | 9             | -0.80                    | -136                 |
| 354                                                                          | 2 500               | 0.10                          | 0             | -0.04                    | - 53                 |
| 355                                                                          | 2 335               | 0.11                          | 1             | 0.33                     | 1                    |
| 359                                                                          | 2 410               | 0.08                          | 0             | -0.19                    | - 16                 |
| 360                                                                          | 2 400               | 0.10                          | 2             | -0.07                    | - 31                 |
| 361                                                                          | 2 294               | 0.09                          | 4             | -0.18                    | - 45                 |
| 363                                                                          | 2 500               | 0.09                          | 0             | 0.06                     | - 37                 |
| 153                                                                          | - ----              | ----                          | 9             | -0.39                    | - 67                 |
| 292                                                                          | - ----              | ----                          | 1             | -0.42                    | - 8                  |
| 319                                                                          | - ----              | ----                          | 1             | 0.63                     | 6                    |
| Averages for 1939, according to thirds by number of pigs, weighted by farms: |                     |                               |               |                          |                      |
| High                                                                         | 13 1,886            | 0.09                          | 11            | 0.12                     | - 62                 |
| Medium                                                                       | 3 434               | 0.08                          | 0             | -0.01                    | - 19                 |
| Low                                                                          | 1 312               | 0.06                          | 3             | -0.11                    | - 39                 |
| Annual averages, all farms, weighted by number of pigs:                      |                     |                               |               |                          |                      |
| 1939                                                                         | 6 1,128             | 0.10                          | 5             | 0.00                     | - 40                 |
| 1938                                                                         | 8 1,266             | 0.11                          | 5             | 0.12                     | - 28                 |

| Farm<br>number | Potatoes<br>grown<br>acres | Yield<br>per<br>acre<br>bu. | Cost per acre         |                            |               | Average<br>per bushel |             | Labor<br>per<br>acre<br>hours | Return<br>per hour<br>of labor<br>dollars | Profit<br>on<br>enter-<br>prise<br>dollars |
|----------------|----------------------------|-----------------------------|-----------------------|----------------------------|---------------|-----------------------|-------------|-------------------------------|-------------------------------------------|--------------------------------------------|
|                |                            |                             | ferti-<br>lizer<br>\$ | spray<br>and<br>dust<br>\$ | growing<br>\$ | cost<br>\$            | value<br>\$ |                               |                                           |                                            |
| 193            | 135.5                      | 196                         | 24                    | 5                          | 79            | 0.57                  | 0.58        | 62                            | 0.33                                      | 418                                        |
| 267            | 62.0                       | 267                         | 10                    | 7                          | 61            | 0.37                  | 0.58        | 107                           | 0.84                                      | 3,443                                      |
| 221            | 56.5                       | 190                         | 6                     | 6                          | 44            | 0.34                  | 0.51        | 69                            | 0.70                                      | 1,877                                      |
| 153            | 34.7                       | 59                          | 0                     | 2                          | 35            | 0.87                  | 0.46        | 50                            | -0.18                                     | -854                                       |
| 163            | 33.7                       | 195                         | 20                    | 6                          | 69            | 0.51                  | 0.73        | 76                            | 0.88                                      | 1,411                                      |
| 165            | 31.4                       | 240                         | 20                    | 4                          | 79            | 0.42                  | 0.68        | 55                            | 1.48                                      | 1,992                                      |
| 186            | 29.8                       | 250                         | 13                    | 4                          | 75            | 0.49                  | 0.61        | 104                           | 0.66                                      | 901                                        |
| 316            | 28.0                       | 374                         | 23                    | 11                         | 101           | 0.43                  | 0.92        | 143                           | 1.56                                      | 5,125                                      |
| 166            | 26.0                       | 214                         | 17                    | 4                          | 59            | 0.39                  | 0.63        | 76                            | 1.00                                      | 1,291                                      |
| 266            | 22.0                       | 266                         | 15                    | 4                          | 81            | 0.41                  | 0.58        | 101                           | 0.70                                      | 945                                        |
| 146            | 21.4                       | 186                         | 16                    | 3                          | 59            | 0.47                  | 0.68        | 64                            | 1.05                                      | 835                                        |
| 130            | 19.5                       | 188                         | 3                     | 2                          | 51            | 0.40                  | 0.54        | 87                            | 0.60                                      | 534                                        |
| 284            | 17.8                       | 216                         | 33                    | 3                          | 101           | 0.57                  | 0.96        | 53                            | 1.99                                      | 1,468                                      |
| 361            | 15.5                       | 129                         | 0                     | 2                          | 37            | 0.40                  | 0.53        | 63                            | 0.47                                      | 260                                        |
| 211            | 15.0                       | 143                         | 6                     | 6                          | 47            | 0.48                  | 0.50        | 78                            | 0.26                                      | 38                                         |
| 160            | 14.4                       | 208                         | 16                    | 4                          | 68            | 0.52                  | 0.69        | 125                           | 0.62                                      | 508                                        |
| 155            | 10.0                       | 118                         | 8                     | 3                          | 43            | 0.55                  | 0.70        | 78                            | 0.43                                      | 180                                        |
| 324            | 9.5                        | 195                         | 12                    | 3                          | 74            | 0.53                  | 0.67        | 75                            | 0.66                                      | 260                                        |
| 357            | 9.0                        | 202                         | 10                    | 5                          | 69            | 0.48                  | 0.50        | 87                            | 0.31                                      | 35                                         |
| 164            | 8.0                        | 146                         | 0                     | 1                          | 41            | 0.40                  | 0.49        | 44                            | 0.66                                      | 110                                        |
| 344            | 7.5                        | 454                         | 15                    | 8                          | 119           | 0.37                  | 0.64        | 166                           | 1.01                                      | 919                                        |
| 149            | 4.7                        | 95                          | 13                    | 3                          | 79            | 0.95                  | 0.71        | 104                           | 0.00                                      | -106                                       |
| 364            | 3.0                        | 110                         | 5                     | 0                          | 37            | 0.55                  | 0.76        | 99                            | 0.49                                      | 72                                         |
| 145            | 2.6                        | 95                          | 17                    | 5                          | 80            | 1.10                  | 0.98        | 68                            | 0.17                                      | -29                                        |
| 309            | 2.0                        | 64                          | 0                     | 0                          | 45            | 0.92                  | 0.47        | 68                            | -0.17                                     | -58                                        |
| 150            | 1.5                        | 142                         | 6                     | 3                          | 51            | 0.52                  | 0.61        | 81                            | 0.50                                      | 19                                         |
| 330            | 1.5                        | 53                          | 8                     | 0                          | 46            | 1.06                  | 0.55        | 88                            | -0.23                                     | -41                                        |
| 169            | 1.4                        | 138                         | 8                     | 3                          | 47            | 0.57                  | 0.93        | 104                           | 0.81                                      | 69                                         |

Averages for 1939, by thirds according to number of acres, weighted by farms:

|        |      |     |    |   |    |      |      |    |      |       |
|--------|------|-----|----|---|----|------|------|----|------|-------|
| High   | 48.6 | 221 | 15 | 5 | 67 | 0.49 | 0.63 | 82 | 0.81 | 1,734 |
| Medium | 16.1 | 183 | 12 | 3 | 62 | 0.48 | 0.65 | 80 | 0.75 | 559   |
| Low    | 4.1  | 150 | 8  | 3 | 61 | 0.69 | 0.66 | 91 | 0.36 | 99    |

Annual averages, all farms, weighted by number of acres:

|      |      |     |    |   |    |      |      |    |      |       |
|------|------|-----|----|---|----|------|------|----|------|-------|
| 1939 | 22.3 | 207 | 15 | 5 | 67 | 0.47 | 0.63 | 79 | 0.74 | 772   |
| 1938 | 18.4 | 232 | 17 | 4 | 62 | 0.42 | 0.57 | 90 | 0.67 | 607   |
| 1937 | 20.3 | 203 | 13 | 4 | 72 | 0.50 | 0.43 | 80 | 0.13 | -282  |
| 1936 | 21.6 | 171 | 10 | 3 | 61 | 0.51 | 0.92 | 72 | 1.26 | 1,511 |
| 1935 | 22.3 | 155 | 9  | 2 | 45 | 0.44 | 0.55 | 72 | 0.52 | 389   |

Yields on many farms were reduced by the drought. The average yield of 207 bushels per acre was 25 bushels below the previous year.

Prices averaged 63 cents per bushel harvested.

Returns of 74 cents per hour made 1939 one of the eight best years in the past twenty-five for the potato growers in cost accounts.

| Farm<br>number | Cabbage<br>grown<br>acres | Yield<br>per<br>acre<br>tons | Average  |         | Average |       | Labor<br>per<br>acre<br>hours | Labor<br>returns    |       | Profit<br>on<br>enter-<br>prise<br>dollars |
|----------------|---------------------------|------------------------------|----------|---------|---------|-------|-------------------------------|---------------------|-------|--------------------------------------------|
|                |                           |                              | per acre |         | per ton |       |                               | per<br>acre<br>hour |       |                                            |
|                |                           |                              | cost     | returns | cost    | value |                               |                     |       |                                            |
|                |                           |                              | \$       | \$      | \$      | \$    |                               |                     | \$    |                                            |
| 211            | 25.3                      | 4.8                          | 54       | 71      | 11.37   | 14.95 | 78                            | 35                  | 0.44  | 430                                        |
| 266            | 23.4                      | 19.2                         | 96       | 359     | 5.00    | 18.70 | 105                           | 292                 | 2.78  | 1,152                                      |
| 360            | 22.0                      | 7.6                          | 58       | 113     | 7.44    | 14.60 | 67                            | 80                  | 1.20  | 1,196                                      |
| 193            | 22.0                      | 11.2                         | 142      | 214     | 12.67   | 19.05 | 144                           | 115                 | 0.80  | 1,574                                      |
| 221            | 21.2                      | 10.4                         | 72       | 157     | 6.92    | 15.17 | 142                           | 117                 | 0.82  | 1,811                                      |
| 315            | 18.0                      | 10.3                         | 74       | 141     | 7.12    | 13.61 | 117                           | 104                 | 0.88  | 1,200                                      |
| 170            | 14.1                      | 14.0                         | 100      | 164     | 7.15    | 11.66 | 102                           | 90                  | 0.89  | 893                                        |
| 327            | 12.5                      | 5.3                          | 69       | 109     | 12.55   | 20.11 | 117                           | 69                  | 0.59  | 498                                        |
| 153            | 12.2                      | 3.3                          | 68       | 30      | 20.85   | 9.30  | 119                           | 0                   | 0.00  | -460                                       |
| 357            | 11.0                      | 9.0                          | 99       | 152     | 10.98   | 16.90 | 113                           | 82                  | 0.73  | 585                                        |
| 81             | 10.0                      | 4.7                          | 66       | 60      | 14.08   | 12.88 | 79                            | 16                  | 0.21  | -56                                        |
| 150            | 9.2                       | 6.2                          | 62       | 84      | 9.98    | 13.56 | 65                            | 44                  | 0.69  | 204                                        |
| 186            | 6.0                       | 8.2                          | 77       | 102     | 9.41    | 12.47 | 89                            | 58                  | 0.65  | 151                                        |
| 155            | 6.0                       | 9.9                          | 60       | 146     | 6.07    | 14.64 | 90                            | 103                 | 1.14  | 510                                        |
| 149            | 6.0                       | 7.5                          | 62       | 94      | 8.04    | 12.34 | 100                           | 54                  | 0.54  | 193                                        |
| 130            | 5.7                       | 0.0                          | 47       | 0       | -       | -     | 52                            | -31                 | -0.60 | -266                                       |
| 174            | 4.5                       | 16.0                         | 283      | 420     | 17.69   | 26.30 | 167                           | 181                 | 1.08  | 619                                        |
| 284            | 4.0                       | 8.8                          | 77       | 142     | 8.75    | 16.21 | 61                            | 92                  | 1.51  | 262                                        |
| 324            | 3.0                       | 7.0                          | 66       | 136     | 9.48    | 19.48 | 91                            | 97                  | 1.07  | 210                                        |
| 175            | 2.6                       | 10.4                         | 233      | 232     | 22.41   | 22.37 | 95                            | 37                  | 0.39  | -1                                         |

Averages for 1939, by thirds according to number of acres, weighted by farms:

|        |      |      |     |     |       |       |     |     |      |       |
|--------|------|------|-----|-----|-------|-------|-----|-----|------|-------|
| High   | 22.0 | 10.6 | 83  | 176 | 8.42  | 16.01 | 109 | 124 | 1.15 | 2,060 |
| Medium | 10.7 | 7.2  | 77  | 100 | 12.14 | 13.84 | 98  | 51  | 0.54 | 259   |
| Low    | 4.5  | 8.5  | 118 | 167 | 12.07 | 18.56 | 94  | 76  | 0.73 | 218   |

Annual averages, all farms, weighted by number of acres:

|      |      |      |    |     |      |       |     |    |      |      |
|------|------|------|----|-----|------|-------|-----|----|------|------|
| 1939 | 11.9 | 9.2  | 84 | 150 | 9.10 | 16.23 | 103 | 95 | 0.92 | 785  |
| 1938 | 10.7 | 12.6 | 75 | 53  | 5.91 | 4.16  | 100 | 6  | 0.06 | -236 |
| 1937 | 9.9  | 8.9  | 69 | 120 | 7.74 | 13.44 | 81  | 74 | 0.92 | 504  |
| 1936 | 10.1 | 8.7  | 68 | 125 | 7.66 | 14.26 | 89  | 83 | 0.93 | 579  |
| 1935 | 10.0 | 9.3  | 73 | 89  | 7.83 | 9.55  | 105 | 44 | 0.42 | 160  |

Although yields were not so high as in 1938, the relatively high price of \$16.23 per ton resulted in a return of 92 cents per hour.

| (Arranged by acres of beans)                            |                         |                                 |                     |         |                       |         |                               |                  |             |                                            |
|---------------------------------------------------------|-------------------------|---------------------------------|---------------------|---------|-----------------------|---------|-------------------------------|------------------|-------------|--------------------------------------------|
| Farm<br>number                                          | Beans<br>grown<br>acres | Yield<br>per<br>acre<br>bushels | Average<br>per acre |         | Average<br>per bushel |         | Labor<br>per<br>acre<br>hours | Labor<br>returns |             | Profit<br>on<br>enter-<br>prise<br>dollars |
|                                                         |                         |                                 | cost                | returns | net<br>cost           | value   |                               | per<br>acre      | per<br>hour |                                            |
|                                                         |                         |                                 | \$                  | \$      | \$                    | dollars |                               |                  | \$          |                                            |
| 360                                                     | 40.5                    | 8                               | 25                  | 22      | 3.16                  | 2.72    | 19                            | 4                | 0.21        | -139                                       |
| 267                                                     | 31.0                    | 20                              | 36                  | 27      | 1.81                  | 1.36    | 18                            | - 3              | -0.19       | -273                                       |
| 202                                                     | 24.2                    | 20                              | 39                  | 51      | 1.68                  | 2.31    | 38                            | 23               | 0.60        | 299                                        |
| 103                                                     | 18.5                    | 19                              | 25                  | 29      | 1.32                  | 1.50    | 18                            | 10               | 0.58        | 64                                         |
| 164                                                     | 17.5                    | 9                               | 29                  | 30      | 2.87                  | 3.00    | 15                            | 6                | 0.42        | 21                                         |
| 81                                                      | 15.4                    | 16                              | 40                  | 31      | 2.40                  | 1.87    | 52                            | 6                | 0.11        | -135                                       |
| 135                                                     | 14.3                    | 17                              | 28                  | 29      | 1.49                  | 1.53    | 17                            | 9                | 0.51        | 11                                         |
| 357                                                     | 10.0                    | 17                              | 29                  | 34      | 1.45                  | 1.73    | 26                            | 12               | 0.45        | 49                                         |
| 186                                                     | 6.0                     | 16                              | 30                  | 30      | 1.62                  | 1.65    | 21                            | 8                | 0.39        | 3                                          |
| Annual averages, all farms, weighted by acres of beans: |                         |                                 |                     |         |                       |         |                               |                  |             |                                            |
| 1939                                                    | 19.7                    | 15                              | 31                  | 31      | 1.94                  | 1.90    | 24                            | 7                | 0.30        | - 11                                       |
| 1938                                                    | 12.8                    | 19                              | 33                  | 32      | 1.61                  | 1.56    | 30                            | 9                | 0.29        | - 13                                       |
| 1937                                                    | 16.2                    | 16                              | 35                  | 37      | 2.12                  | 2.20    | 26                            | 10               | 0.37        | 20                                         |

Factors from 10 CANNING-FACTORY PEA accounts, 1939  
(Arranged by acres of peas)

| (Arranged by acres of peas)                            |                        |                                          |                     |                        |                    |                     |                               |                  |             |                                            |
|--------------------------------------------------------|------------------------|------------------------------------------|---------------------|------------------------|--------------------|---------------------|-------------------------------|------------------|-------------|--------------------------------------------|
| Farm<br>number                                         | Peas<br>grown<br>acres | Yield<br>of<br>shelled<br>peas<br>pounds | Average             |                        | Average            |                     | Labor<br>per<br>acre<br>hours | Labor<br>returns |             | Profit<br>on<br>enter-<br>prise<br>dollars |
|                                                        |                        |                                          | per<br>acre<br>cost | per<br>acre<br>returns | per<br>ton<br>cost | per<br>ton<br>value |                               | per<br>acre      | per<br>hour |                                            |
|                                                        |                        |                                          | \$                  | \$                     | \$                 | dollars             |                               | \$               | \$          |                                            |
| 360                                                    | 26.0                   | 1,508                                    | 38                  | 38                     | 50                 | 50                  | 18                            | 7                | 0.37        | - 6                                        |
| 153                                                    | 24.0                   | 1,063                                    | 35                  | 24                     | 60                 | 40                  | 17                            | - 5              | -0.31       | -258                                       |
| 211                                                    | 10.8                   | 2,282                                    | 42                  | 57                     | 37                 | 50                  | 18                            | 19               | 1.04        | 157                                        |
| 361                                                    | 10.0                   | 2,264                                    | 32                  | 57                     | 28                 | 50                  | 14                            | 28               | 1.97        | 251                                        |
| 267                                                    | 10.0                   | 830                                      | 48                  | 22                     | 112                | 49                  | 19                            | -20              | -1.09       | -263                                       |
| 266                                                    | 7.5                    | 1,541                                    | 45                  | 39                     | 59                 | 50                  | 24                            | 0                | 0.00        | - 51                                       |
| 146                                                    | 7.0                    | 711                                      | 35                  | 19                     | 98                 | 52                  | 18                            | - 9              | -0.49       | -114                                       |
| 130                                                    | 6.0                    | 1,250                                    | 55                  | 31                     | 90                 | 51                  | 16                            | -19              | -1.21       | -144                                       |
| 149                                                    | 5.0                    | 1,080                                    | 49                  | 33                     | 80                 | 50                  | 17                            | -13              | -0.72       | - 82                                       |
| 315                                                    | 4.0                    | 1,349                                    | 33                  | 36                     | 49                 | 53                  | 16                            | 7                | 0.45        | 9                                          |
| Annual averages, all farms, weighted by acres of peas: |                        |                                          |                     |                        |                    |                     |                               |                  |             |                                            |
| 1939                                                   | 11.0                   | 1,406                                    | 40                  | 35                     | 55                 | 49                  | 18                            | 1                | 0.06        | - 50                                       |
| 1938                                                   | 10.6                   | 1,656                                    | 38                  | 49                     | 46                 | 59                  | 20                            | 17               | 0.85        | 119                                        |
| 1937                                                   | 9.3                    | 1,803                                    | 40                  | 57                     | 45                 | 63                  | 24                            | 23               | 0.99        | 154                                        |

Factors from 6 CANNING-FACTORY TOMATO accounts, 1939  
(Arranged by acres of tomatoes)

| (Arranged by acres of tomatoes)                            |                            |                              |         |         |         |       |                               |                  |             |                                            |
|------------------------------------------------------------|----------------------------|------------------------------|---------|---------|---------|-------|-------------------------------|------------------|-------------|--------------------------------------------|
| number                                                     | Tomatoes<br>grown<br>acres | Yield<br>per<br>acre<br>tons | Average |         | Average |       | Labor<br>per<br>acre<br>hours | Labor<br>returns |             | Profit<br>on<br>enter-<br>prise<br>dollars |
|                                                            |                            |                              | cost    | returns | cost    | value |                               | per<br>acre      | per<br>hour |                                            |
|                                                            |                            |                              |         |         |         |       |                               |                  |             |                                            |
|                                                            |                            |                              | \$      | \$      | \$      | \$    |                               | \$               | \$          |                                            |
| 170                                                        | 30.8                       | 12.1                         | 105     | 153     | 8.69    | 12.65 | 151                           | 91               | 0.60        | 1,476                                      |
| 327                                                        | 15.0                       | 8.6                          | 82      | 99      | 9.57    | 11.47 | 124                           | 47               | 0.38        | 246                                        |
| 315                                                        | 10.0                       | 5.7                          | 71      | 64      | 12.37   | 11.26 | 75                            | 17               | 0.23        | - 64                                       |
| 130                                                        | 9.5                        | 5.6                          | 99      | 64      | 17.77   | 11.51 | 116                           | - 2              | -0.01       | - 331                                      |
| 357                                                        | 6.0                        | 9.5                          | 98      | 119     | 10.33   | 12.52 | 169                           | 64               | 0.38        | 125                                        |
| 149                                                        | 4.5                        | 4.8                          | 72      | 56      | 14.84   | 11.52 | 111                           | 8                | 0.07        | - 72                                       |
| Annual averages, all farms, weighted by acres of tomatoes: |                            |                              |         |         |         |       |                               |                  |             |                                            |
| 1939                                                       | 12.6                       | 9.1                          | 93      | 111     | 10.19   | 12.18 | 130                           | 54               | 0.41        | 230                                        |
| 1938                                                       | 12.8                       | 10.1                         | 96      | 129     | 9.46    | 12.80 | 143                           | 74               | 0.52        | 432                                        |
| 1937                                                       | 9.2                        | 9.9                          | 93      | 132     | 9.31    | 13.27 | 146                           | 83               | 0.57        | 361                                        |

| Farm<br>number | Orchard<br>bearing<br>age | Yield<br>pack-<br>able<br>fruit<br>per<br>acre | Labor                    |                                         | Cost<br>of<br>spray<br>materials<br>per<br>acre | Cost<br>to<br>grow<br>an<br>acre | Net to<br>grower   |                            | Return<br>per<br>hour<br>of<br>labor | Profit<br>on<br>enter-<br>prise |
|----------------|---------------------------|------------------------------------------------|--------------------------|-----------------------------------------|-------------------------------------------------|----------------------------------|--------------------|----------------------------|--------------------------------------|---------------------------------|
|                |                           |                                                | to<br>grow<br>an<br>acre | to<br>harvest<br>and<br>market<br>a bu. |                                                 |                                  | cost<br>per<br>bu. | re-<br>turns<br>per<br>bu. |                                      |                                 |
|                | acres                     | bu.                                            | hrs.                     | min.                                    | \$                                              | \$                               | \$                 | \$                         | \$                                   | \$                              |
| 192            | 90.8                      | 258                                            | 58                       | 37                                      | 12                                              | 91                               | 0.66               | 0.51                       | 0.20                                 | -3,502                          |
| 298            | 85.3                      | 123                                            | 59                       | 44                                      | 12                                              | 63                               | 0.77               | 0.27                       | -0.10                                | -5,310                          |
| 170            | 71.4                      | 155                                            | 36                       | 24                                      | 24                                              | 62                               | 0.56               | 0.31                       | -0.14                                | -2,799                          |
| 363            | 61.5                      | 168                                            | 33                       | 15                                      | 16                                              | 60                               | 0.50               | 0.33                       | -0.06                                | -1,802                          |
| 24             | 54.9                      | 168                                            | 63                       | 46                                      | 9                                               | 50                               | 0.59               | 0.49                       | 0.19                                 | -921                            |
| 340            | 52.9                      | 185                                            | 50                       | 42                                      | 13                                              | 90                               | 0.76               | 0.39                       | 0.00                                 | -3,577                          |
| 315            | 48.0                      | 257                                            | 47                       | 13                                      | 11                                              | 46                               | 0.26               | 0.26                       | 0.31                                 | 59                              |
| 185            | 44.7                      | 130                                            | 37                       | 16                                      | 11                                              | 38                               | 0.42               | 0.26                       | 0.01                                 | -925                            |
| 339            | 42.0                      | 92                                             | 34                       | 61                                      | 11                                              | 69                               | 1.23               | 0.86                       | 0.11                                 | -1,420                          |
| 200            | 25.7                      | 110                                            | 44                       | 19                                      | 15                                              | 48                               | 0.58               | 0.27                       | -0.13                                | -887                            |
| 169            | 25.4                      | 240                                            | 38                       | 35                                      | 4                                               | 40                               | 0.43               | 0.50                       | 0.43                                 | 432                             |
| 359            | 23.0                      | 108                                            | 32                       | 41                                      | 10                                              | 45                               | 0.67               | 0.42                       | 0.05                                 | -636                            |
| 81             | 19.4                      | 181                                            | 41                       | 22                                      | 11                                              | 49                               | 0.37               | 0.25                       | 0.09                                 | -390                            |
| 345            | 19.3                      | 153                                            | 38                       | 27                                      | 12                                              | 55                               | 0.55               | 0.41                       | 0.11                                 | -417                            |
| 325            | 18.0                      | 224                                            | 42                       | 24                                      | 8                                               | 63                               | 0.47               | 0.52                       | 0.40                                 | 202                             |
| 135            | 14.4                      | 21                                             | 24                       | 100                                     | 1                                               | 34                               | 2.28               | 0.85                       | -0.05                                | -432                            |
| 150            | 13.0                      | 137                                            | 20                       | 54                                      | 7                                               | 43                               | 0.66               | 0.19                       | -0.10                                | -834                            |
| 149            | 12.6                      | 72                                             | 14                       | 38                                      | 3                                               | 23                               | 0.43               | 0.35                       | 0.12                                 | -72                             |
| 327            | 12.0                      | 56                                             | 33                       | 28                                      | 6                                               | 33                               | 0.66               | 0.22                       | -0.17                                | -304                            |
| 285            | 4.0                       | 78                                             | 29                       | 26                                      | 4                                               | 27                               | 0.61               | 0.62                       | 0.42                                 | 4                               |

Averages for 1939, by thirds according to number of acres, weighted by farms:

|        |      |     |    |    |    |    |      |      |      |        |
|--------|------|-----|----|----|----|----|------|------|------|--------|
| High   | 66.4 | 188 | 49 | 32 | 14 | 66 | 0.59 | 0.37 | 0.06 | -2,550 |
| Medium | 28.5 | 145 | 38 | 32 | 11 | 49 | 0.61 | 0.42 | 0.10 | -606   |
| Low    | 12.3 | 98  | 27 | 45 | 5  | 37 | 0.85 | 0.46 | 0.10 | -239   |

Annual averages, all farms, weighted by number of acres:

|      |      |     |    |    |    |    |      |      |      |        |
|------|------|-----|----|----|----|----|------|------|------|--------|
| 1939 | 36.9 | 166 | 44 | 32 | 12 | 60 | 0.59 | 0.40 | 0.09 | -1,177 |
| 1938 | 36.4 | 173 | 44 | 28 | 12 | 62 | 0.57 | 0.64 | 0.44 | 440    |
| 1937 | 37.5 | 173 | 53 | 31 | 12 | 67 | 0.61 | 0.46 | 0.16 | -985   |
| 1936 | 38.7 | 155 | 40 | 26 | 11 | 56 | 0.55 | 0.86 | 0.79 | 1,851  |
| 1935 | 36.5 | 180 | 39 | 27 | 11 | 55 | 0.48 | 0.50 | 0.34 | 137    |

Apples, other than culls, sold for 40 cents a bushel for the fruit, after deducting the cost of the package, commission, cold storage and hired cartage. With the exception of 1931 and 1932, this is the lowest price since apple accounts have been kept as a part of this project (1920).

Although yields and costs were about the same as the average of recent years, low prices resulted in an average return of only 9 cents an hour. Since labor on the apple enterprise cost 33 cents an hour, there was an average loss of \$1177 on the enterprise.

Factors from FRUIT accounts, 1939  
(Arranged by acres of fruit)

| Farm<br>number                                            | Orchard<br>bearing<br>age | Yield<br>pack-<br>able<br>fruit<br>per<br>acre | Labor                    |                                         | Cost<br>of<br>spray<br>materials<br>per<br>acre | Cost<br>to<br>grow<br>an<br>acre | Net to<br>grower   |                            | Return<br>per<br>hour<br>of<br>labor | Profit<br>on<br>enter-<br>prise |
|-----------------------------------------------------------|---------------------------|------------------------------------------------|--------------------------|-----------------------------------------|-------------------------------------------------|----------------------------------|--------------------|----------------------------|--------------------------------------|---------------------------------|
|                                                           |                           |                                                | to<br>grow<br>an<br>acre | to<br>harvest<br>and<br>market<br>a bu. |                                                 |                                  | cost<br>per<br>bu. | re-<br>turns<br>per<br>bu. |                                      |                                 |
|                                                           | acres                     | bu.                                            | hrs.                     | min.                                    | \$                                              | \$                               | \$                 | \$                         | \$                                   | \$                              |
| 7 accounts with PEACHES                                   |                           |                                                |                          |                                         |                                                 |                                  |                    |                            |                                      |                                 |
| 200                                                       | 9.0                       | 64                                             | 40                       | 21                                      | 1                                               | 26                               | 0.59               | 0.51                       | 0.27                                 | - 48                            |
| 315                                                       | 8.5                       | 268                                            | 80                       | 24                                      | 6                                               | 52                               | 0.36               | 0.60                       | 0.66                                 | 555                             |
| 363                                                       | 7.0                       | 129                                            | 50                       | 32                                      | 13                                              | 60                               | 0.72               | 0.52                       | 0.12                                 | -185                            |
| 170                                                       | 7.0                       | 140                                            | 44                       | 34                                      | 9                                               | 48                               | 0.53               | 0.73                       | 0.50                                 | 198                             |
| 359                                                       | 2.0                       | 10                                             | 11                       | 51                                      | 0                                               | 16                               | 1.90               | 0.75                       | -0.28                                | - 23                            |
| 325                                                       | 2.0                       | 23                                             | 7                        | 94                                      | 1                                               | 15                               | 1.67               | 1.15                       | 0.05                                 | - 24                            |
| 81                                                        | 2.0                       | 31                                             | 35                       | 108                                     | 4                                               | 32                               | 1.68               | 0.73                       | -0.05                                | - 59                            |
| Annual averages, all farms, weighted by acres of peaches: |                           |                                                |                          |                                         |                                                 |                                  |                    |                            |                                      |                                 |
| 1939                                                      | 5.4                       | 129                                            | 48                       | 29                                      | 6                                               | 41                               | 0.52               | 0.61                       | 0.41                                 | 59                              |
| 1938                                                      | 7.0                       | 153                                            | 28                       | 18                                      | 3                                               | 28                               | 0.29               | 0.76                       | 1.26                                 | 500                             |
| 1937                                                      | 5.2                       | 53                                             | 32                       | 33                                      | 3                                               | 29                               | 0.80               | 0.80                       | 0.32                                 | 1                               |

## 8 accounts with PEARS

|                                                         |      |     |    |    |    |    |      |      |       |      |
|---------------------------------------------------------|------|-----|----|----|----|----|------|------|-------|------|
| 327                                                     | 12.0 | 32  | 15 | 26 | 1  | 17 | 0.73 | 0.44 | -0.06 | -108 |
| 170                                                     | 10.9 | 103 | 32 | 16 | 7  | 41 | 0.48 | 0.49 | 0.29  | 14   |
| 298                                                     | 8.6  | 149 | 12 | 52 | 2  | 39 | 0.58 | 0.84 | 0.59  | 329  |
| 315                                                     | 6.0  | 86  | 0  | 19 | 0  | 3  | 0.15 | 0.22 | 0.50  | 36   |
| 24                                                      | 5.6  | 62  | 18 | 15 | 0  | 18 | 0.38 | 0.57 | 0.63  | 66   |
| 325                                                     | 4.0  | 37  | 5  | 51 | 1  | 13 | 0.82 | 0.71 | 0.20  | - 17 |
| 345                                                     | 1.8  | 160 | 16 | 32 | 5  | 30 | 0.41 | 1.03 | 1.30  | 181  |
| 363                                                     | 1.0  | 64  | 1  | 68 | 10 | 33 | 1.12 | 1.00 | 0.22  | - 8  |
| Annual averages, all farms, weighted by acres of pears: |      |     |    |    |    |    |      |      |       |      |
| 1939                                                    | 6.2  | 83  | 16 | 32 | 2  | 25 | 0.50 | 0.62 | 0.46  | 62   |
| 1938                                                    | 5.3  | 100 | 14 | 37 | 3  | 24 | 0.45 | 0.47 | 0.33  | 11   |
| 1937                                                    | 5.5  | 52  | 18 | 36 | 4  | 28 | 0.76 | 0.93 | 0.50  | 48   |

Factors from 5 CHERRY accounts, 1939  
(Arranged by acres of cherries)

| Farm<br>number                                             | Orchard<br>bearing<br>age | Yield<br>per<br>acre | Average per acre    |                               |                    | Net to grower        |                              | Return<br>per<br>hour<br>of<br>labor | Profit<br>on<br>enter-<br>prise |
|------------------------------------------------------------|---------------------------|----------------------|---------------------|-------------------------------|--------------------|----------------------|------------------------------|--------------------------------------|---------------------------------|
|                                                            |                           |                      | labor<br>to<br>grow | cost of<br>spray<br>materials | cost<br>to<br>grow | cost<br>per<br>pound | re-<br>turns<br>per<br>pound |                                      |                                 |
|                                                            | acres                     | pounds               | hours               | dollars                       | \$                 | cents                | cents                        | dollars                              | dollars                         |
| 363                                                        | 17.7                      | 7,212                | 10                  | 3                             | 37                 | 2.3                  | 1.7                          | 0.22                                 | -693                            |
| 315                                                        | 7.5                       | 3,294                | 17                  | 3                             | 24                 | 1.8                  | 2.0                          | 0.31                                 | 59                              |
| 298                                                        | 5.0                       | 1,590                | 19                  | 7                             | 51                 | 0.8                  | 0.9                          | 0.35                                 | 54                              |
| 170                                                        | 4.8                       | 8,333                | 74                  | 16                            | 64                 | 1.4                  | 1.4                          | 0.26                                 | - 10                            |
| 327                                                        | 3.0                       | 2,969                | 7                   | 2                             | 16                 | 1.3                  | 1.5                          | 0.19                                 | 14                              |
| Annual averages, all farms, weighted by acres of cherries: |                           |                      |                     |                               |                    |                      |                              |                                      |                                 |
| 1939                                                       | 7.6                       | 5,506                | 21                  | 5                             | 38                 | 2.2                  | 1.9                          | 0.25                                 | -115                            |
| 1938                                                       | 3.6                       | 5,173                | 31                  | 9                             | 45                 | 2.0                  | 3.1                          | 0.46                                 | 207                             |
| 1937                                                       | 3.9                       | 6,037                | 32                  | 7                             | 50                 | 2.5                  | 5.6                          | 0.85                                 | 732                             |

(Arranged by acres of alfalfa)

| Farm<br>number                                                                 | Alfalfa<br>per<br>farm<br>acres | Yield<br>per<br>acre<br>tons | Average  |         | Average |       | Labor<br>per<br>acre<br>hours | Labor<br>returns |             | Profit<br>on<br>enter-<br>prise |
|--------------------------------------------------------------------------------|---------------------------------|------------------------------|----------|---------|---------|-------|-------------------------------|------------------|-------------|---------------------------------|
|                                                                                |                                 |                              | per acre |         | per ton |       |                               | per<br>acre      | per<br>hour |                                 |
|                                                                                |                                 |                              | cost     | returns | cost    | value |                               |                  |             |                                 |
|                                                                                |                                 |                              | \$       | \$      | \$      | \$    |                               | \$               | \$          | \$                              |
| 266                                                                            | 59.4                            | 2.5                          | 26       | 34      | 10      | 14    | 13                            | 12               | 0.92        | 496                             |
| 146                                                                            | 57.0                            | 1.4                          | 19       | 21      | 14      | 15    | 12                            | 7                | 0.56        | 81                              |
| 130                                                                            | 52.3                            | 2.1                          | 20       | 28      | 9       | 13    | 12                            | 12               | 0.99        | 446                             |
| 153                                                                            | 46.1                            | 2.0                          | 15       | 20      | 8       | 10    | 9                             | 7                | 0.81        | 189                             |
| 164                                                                            | 45.2                            | 0.6                          | 11       | 14      | 16      | 21    | 4                             | 4                | 1.18        | 136                             |
| 292                                                                            | 44.5                            | 1.3                          | 19       | 19      | 14      | 15    | 12                            | 4                | 0.33        | 22                              |
| 170                                                                            | 41.8                            | 3.3                          | 23       | 44      | 7       | 13    | 13                            | 25               | 1.89        | 914                             |
| 318                                                                            | 40.0                            | 1.8                          | 10       | 28      | 6       | 16    | 8                             | 20               | 2.43        | 717                             |
| 327                                                                            | 39.0                            | 1.0                          | 11       | 9       | 10      | 8     | 6                             | 0                | -0.06       | - 72                            |
| 360                                                                            | 38.0                            | 0.9                          | 14       | 11      | 15      | 12    | 5                             | - 1              | -0.16       | - 96                            |
| 155                                                                            | 33.0                            | 1.1                          | 9        | 13      | 8       | 11    | 7                             | 5                | 0.69        | 120                             |
| 315                                                                            | 29.3                            | 1.4                          | 15       | 21      | 11      | 15    | 7                             | 8                | 1.14        | 180                             |
| 361                                                                            | 28.0                            | 2.5                          | 14       | 44      | 6       | 18    | 7                             | 31               | 4.58        | 835                             |
| 330                                                                            | 24.0                            | 1.5                          | 20       | 24      | 13      | 15    | 4                             | 5                | 1.07        | 87                              |
| 150                                                                            | 22.7                            | 1.8                          | 17       | 23      | 10      | 13    | 9                             | 9                | 0.99        | 130                             |
| 24                                                                             | 20.9                            | 1.6                          | 16       | 16      | 10      | 10    | 11                            | 3                | 0.25        | - 6                             |
| 196                                                                            | 20.9                            | 2.4                          | 32       | 39      | 13      | 16    | 11                            | 12               | 1.07        | 153                             |
| 139                                                                            | 20.5                            | 2.2                          | 19       | 34      | 9       | 15    | 12                            | 17               | 1.43        | 292                             |
| 81                                                                             | 17.1                            | 2.0                          | 31       | 28      | 15      | 14    | 15                            | 2                | 0.12        | - 41                            |
| 281                                                                            | 15.9                            | 2.0                          | 15       | 25      | 8       | 12    | 7                             | 11               | 1.58        | 156                             |
| 357                                                                            | 15.0                            | 2.5                          | 17       | 42      | 5       | 15    | 12                            | 28               | 2.36        | 370                             |
| 163                                                                            | 13.0                            | 1.5                          | 19       | 18      | 13      | 12    | 7                             | 1                | 0.20        | - 12                            |
| 149                                                                            | 12.8                            | 0.7                          | 20       | 11      | 27      | 15    | 8                             | - 7              | -0.96       | -115                            |
| 355                                                                            | 12.0                            | 2.6                          | 24       | 26      | 9       | 10    | 6                             | 5                | 0.81        | 33                              |
| 358                                                                            | 12.0                            | 0.8                          | 21       | 14      | 28      | 19    | 3                             | - 5              | -1.62       | - 80                            |
| 319                                                                            | 11.8                            | 1.0                          | 14       | 14      | 12      | 12    | 5                             | 2                | 0.29        | - 2                             |
| 341                                                                            | 10.0                            | 1.2                          | 24       | 24      | 20      | 20    | 6                             | 2                | 0.27        | 2                               |
| 135                                                                            | 9.7                             | 2.0                          | 34       | 29      | 17      | 15    | 13                            | 1                | 0.09        | - 46                            |
| 287                                                                            | 9.4                             | 2.6                          | 27       | 41      | 11      | 16    | 5                             | 15               | 2.98        | 127                             |
| 165                                                                            | 8.7                             | 1.6                          | 18       | 16      | 11      | 10    | 9                             | 1                | 0.16        | - 14                            |
| 299                                                                            | 7.1                             | 1.7                          | 28       | 27      | 17      | 16    | 12                            | 3                | 0.22        | - 9                             |
| 202                                                                            | 6.0                             | 0.6                          | 17       | 4       | 30      | 7     | 7                             | -12              | -1.72       | - 80                            |
| 221                                                                            | 6.0                             | 3.1                          | 32       | 48      | 10      | 15    | 12                            | 18               | 1.53        | 94                              |
| 331                                                                            | 5.5                             | 2.2                          | 21       | 19      | 9       | 9     | 9                             | 0                | -0.12       | - 7                             |
| 338                                                                            | 5.5                             | 1.6                          | 21       | 25      | 13      | 15    | 9                             | 6                | 0.65        | 18                              |
| 267                                                                            | 5.0                             | 3.8                          | 53       | 47      | 14      | 12    | 26                            | 3                | 0.12        | - 26                            |
| 288                                                                            | 4.4                             | 1.4                          | 32       | 21      | 22      | 14    | 11                            | - 8              | -0.66       | - 46                            |
| 324                                                                            | 4.0                             | 2.0                          | 27       | 22      | 12      | 10    | 17                            | 1                | 0.04        | - 17                            |
| 348                                                                            | 3.8                             | 1.1                          | 17       | 21      | 16      | 20    | 6                             | 6                | 0.96        | 16                              |
| 211                                                                            | 3.0                             | 1.7                          | 37       | 25      | 22      | 14    | 4                             | -12              | -3.27       | - 38                            |
| Averages for 1939, by thirds according to acres of alfalfa, weighted by farms: |                                 |                              |          |         |         |       |                               |                  |             |                                 |
| High                                                                           | 42.6                            | 1.7                          | 16       | 24      | 10      | 14    | 9                             | 10               | 1.18        | 305                             |
| Medium                                                                         | 16.8                            | 1.7                          | 20       | 24      | 13      | 14    | 8                             | 6                | 0.58        | 74                              |
| Low                                                                            | 6.3                             | 1.9                          | 28       | 26      | 16      | 14    | 10                            | 2                | 0.09        | - 2                             |
| Annual averages, all farms, weighted by acres of alfalfa:                      |                                 |                              |          |         |         |       |                               |                  |             |                                 |
| 1939                                                                           | 21.5                            | 1.7                          | 19       | 24      | 10      | 14    | 9                             | 8                | 0.93        | 123                             |
| 1938                                                                           | 18.9                            | 2.2                          | 20       | 20      | 9       | 9     | 13                            | 3                | 0.26        | - 10                            |
| 1937                                                                           | 21.2                            | 2.2                          | 21       | 23      | 9       | 10    | 13                            | 5                | 0.38        | 24                              |
| 1936                                                                           | 20.9                            | 1.6                          | 19       | 22      | 11      | 14    | 9                             | 6                | 0.68        | 75                              |
| 1935                                                                           | 22.2                            | 2.5                          | 21       | 22      | 8       | 8     | 14                            | 4                | 0.30        | 3                               |

| Farm<br>number | Hay<br>per<br>farm<br>acres | Yield<br>per<br>acre<br>tons | Average  |         | Average |       | Labor<br>per<br>acre<br>hours | Labor<br>returns  |                   | Profit<br>on<br>enter-<br>prise<br>\$ |
|----------------|-----------------------------|------------------------------|----------|---------|---------|-------|-------------------------------|-------------------|-------------------|---------------------------------------|
|                |                             |                              | per acre |         | per ton |       |                               | per<br>acre<br>\$ | per<br>hour<br>\$ |                                       |
|                |                             |                              | cost     | returns | cost    | value |                               |                   |                   |                                       |
|                |                             |                              | \$       | \$      | \$      | \$    |                               |                   |                   |                                       |
| 188 (3)        | 110.7                       | 2.0                          | 16       | 21      | 7       | 10    | 5                             | 7                 | 1.36              | 616                                   |
| 358 (3)        | 109.4                       | 0.7                          | 24       | 12      | 35      | 17    | 5                             | -10               | -2.19             | -1,328                                |
| 278 (3)        | 91.4                        | 0.8                          | 12       | 12      | 15      | 15    | 3                             | 1                 | 0.26              | 11                                    |
| 364 (5)        | 85.8                        | 1.0                          | 10       | 12      | 10      | 12    | 5                             | 4                 | 0.76              | 231                                   |
| 359 (5)        | 66.2                        | 1.0                          | 17       | 12      | 16      | 11    | 5                             | -3                | -0.63             | -337                                  |
| 163 (2)        | 62.3                        | 0.8                          | 7        | 5       | 8       | 5     | 4                             | -1                | -0.23             | -130                                  |
| 362 (5)        | 61.0                        | 1.8                          | 19       | 33      | 10      | 18    | 8                             | 17                | 2.03              | 888                                   |
| 331 (5)        | 60.1                        | 2.6                          | 18       | 26      | 7       | 10    | 13                            | 11                | 0.96              | 480                                   |
| 196 (5)        | 59.5                        | 1.7                          | 28       | 20      | 16      | 12    | 10                            | -4                | -0.58             | -438                                  |
| 344 (3)        | 57.5                        | 2.3                          | 27       | 19      | 11      | 8     | 10                            | -5                | -0.52             | -452                                  |
| 186 (3)        | 53.9                        | 1.3                          | 18       | 13      | 13      | 10    | 7                             | -2                | -0.20             | -229                                  |
| 325 (3)        | 51.8                        | 2.0                          | 22       | 21      | 11      | 10    | 10                            | 2                 | 0.19              | -66                                   |
| 351 (3)        | 50.5                        | 1.2                          | 10       | 15      | 8       | 12    | 6                             | 7                 | 1.14              | 253                                   |
| 166 (5)        | 48.4                        | 0.8                          | 11       | 7       | 13      | 8     | 6                             | -2                | -0.46             | -196                                  |
| 295 (5)        | 46.9                        | 0.6                          | 10       | 12      | 13      | 15    | 3                             | 2                 | 0.66              | 53                                    |
| 309 (3)        | 45.0                        | 0.9                          | 9        | 11      | 10      | 12    | 5                             | 3                 | 0.65              | 83                                    |
| 155 (2)        | 43.1                        | 0.7                          | 7        | 6       | 10      | 9     | 6                             | 1                 | 0.12              | -18                                   |
| 103 (3)        | 43.0                        | 1.5                          | 18       | 25      | 12      | 17    | 7                             | 10                | 1.44              | 300                                   |
| 361 (3)        | 38.5                        | 1.2                          | 12       | 16      | 11      | 14    | 3                             | 4                 | 1.47              | 145                                   |
| 202 (5)        | 36.9                        | 0.8                          | 12       | 8       | 16      | 10    | 6                             | -3                | -0.50             | -173                                  |
| 318 (3)        | 36.0                        | 0.8                          | 12       | 13      | 14      | 16    | 6                             | 3                 | 0.55              | 58                                    |
| 341 (3)        | 36.0                        | 1.3                          | 19       | 24      | 14      | 18    | 5                             | 6                 | 1.18              | 184                                   |
| 149 (2)        | 35.9                        | 0.6                          | 6        | 8       | 8       | 12    | 2                             | 3                 | 1.31              | 81                                    |
| 139 (5)        | 35.4                        | 0.9                          | 13       | 9       | 15      | 10    | 5                             | -3                | -0.57             | -152                                  |
| 221 (5)        | 30.5                        | 1.5                          | 23       | 18      | 15      | 12    | 8                             | -3                | -0.44             | -153                                  |
| 200 (3)        | 30.2                        | 0.7                          | 17       | 10      | 22      | 12    | 7                             | -5                | -0.69             | -216                                  |
| 348 (3)        | 30.0                        | 1.4                          | 20       | 28      | 14      | 20    | 6                             | 10                | 1.60              | 249                                   |
| 160 (2)        | 27.9                        | 1.8                          | 13       | 13      | 7       | 7     | 13                            | 4                 | 0.29              | -19                                   |
| 343 (2)        | 27.6                        | 1.0                          | 11       | 15      | 11      | 15    | 5                             | 5                 | 0.98              | 100                                   |
| 345 (2)        | 27.0                        | 0.9                          | 16       | 14      | 17      | 15    | 10                            | 1                 | 0.09              | -58                                   |
| 306 (5)        | 26.7                        | 1.7                          | 17       | 31      | 10      | 18    | 6                             | 16                | 2.84              | 368                                   |
| 292 (3)        | 26.3                        | 0.8                          | 15       | 10      | 17      | 12    | 7                             | -3                | -0.39             | -118                                  |
| 299 (3)        | 25.6                        | 1.2                          | 23       | 18      | 18      | 14    | 6                             | -4                | -0.65             | -144                                  |
| 288 (5)        | 25.1                        | 1.3                          | 13       | 17      | 10      | 13    | 10                            | 7                 | 0.70              | 106                                   |
| 150 (5)        | 24.9                        | 0.8                          | 14       | 9       | 16      | 10    | 4                             | -3                | -0.82             | -119                                  |
| 170 (4)        | 23.8                        | 2.1                          | 18       | 20      | 9       | 10    | 7                             | 5                 | 0.69              | 66                                    |
| 319 (3)        | 23.6                        | 1.4                          | 15       | 15      | 10      | 10    | 9                             | 3                 | 0.32              | 0                                     |
| 324 (5)        | 23.5                        | 1.1                          | 13       | 12      | 10      | 9     | 5                             | 0                 | 0.07              | -28                                   |
| 316 (5)        | 23.1                        | 1.9                          | 38       | 25      | 20      | 13    | 10                            | -10               | -1.02             | -303                                  |
| 211 (1)        | 22.3                        | 0.9                          | 20       | 11      | 22      | 12    | 4                             | -8                | -2.02             | -196                                  |
| 355 (2)        | 21.9                        | 1.3                          | 17       | 14      | 11      | 9     | 4                             | -2                | -0.54             | -68                                   |
| 287 (5)        | 21.5                        | 1.7                          | 19       | 21      | 11      | 12    | 3                             | 3                 | 0.77              | 32                                    |
| 292 (2)        | 21.0                        | 0.4                          | 7        | 5       | 19      | 12    | 9                             | 0                 | -0.03             | -59                                   |
| 24 (3)         | 20.3                        | 1.8                          | 20       | 18      | 11      | 10    | 12                            | 2                 | 0.14              | -34                                   |
| 165 (3)        | 20.0                        | 1.3                          | 16       | 13      | 12      | 10    | 7                             | -1                | -0.08             | -59                                   |

- continued -

| Farm<br>number | Hay<br>per<br>farm<br>acres | Yield<br>per<br>acre<br>tons | Average<br>per acre |    | Average<br>per ton |    | Labor<br>per<br>acre<br>hours | Labor<br>returns |             | Profit<br>on<br>enter-<br>prise<br>\$ |
|----------------|-----------------------------|------------------------------|---------------------|----|--------------------|----|-------------------------------|------------------|-------------|---------------------------------------|
|                |                             |                              | cost returns        |    | cost value         |    |                               | per<br>acre      | per<br>hour |                                       |
|                |                             |                              | \$                  | \$ | \$                 | \$ |                               | \$               | \$          |                                       |
| 145 (2)        | 19.9                        | 0.8                          | 15                  | 14 | 17                 | 15 | 3                             | - 1              | -0.23       | - 29                                  |
| 164 (3)        | 19.9                        | 0.6                          | 20                  | 10 | 33                 | 17 | 3                             | - 8              | -2.49       | -190                                  |
| 169 (5)        | 18.7                        | 2.0                          | 30                  | 30 | 15                 | 15 | 11                            | 4                | 0.36        | 5                                     |
| 281 (2)        | 16.6                        | 1.4                          | 15                  | 14 | 10                 | 10 | 7                             | 1                | 0.16        | - 5                                   |
| 281 (1)        | 16.1                        | 1.4                          | 24                  | 17 | 17                 | 12 | 13                            | - 4              | -0.30       | -108                                  |
| 360 (3)        | 16.0                        | 1.0                          | 14                  | 12 | 12                 | 10 | 5                             | - 1              | -0.12       | - 38                                  |
| 285 (3)        | 15.5                        | 1.0                          | 31                  | 15 | 32                 | 15 | 7                             | -14              | -1.97       | -260                                  |
| 160 (3)        | 15.0                        | 1.6                          | 17                  | 16 | 10                 | 10 | 10                            | 3                | 0.30        | - 6                                   |
| 145 (3)        | 14.5                        | 2.2                          | 25                  | 33 | 11                 | 15 | 7                             | 10               | 1.39        | 113                                   |
| 355 (3)        | 12.4                        | 2.4                          | 18                  | 26 | 7                  | 10 | 5                             | 9                | 1.80        | 95                                    |
| 174 (2)        | 12.2                        | 1.9                          | 53                  | 19 | 28                 | 10 | 17                            | -29              | -1.72       | -412                                  |
| 343 (5)        | 12.0                        | 0.4                          | 16                  | 8  | 42                 | 20 | 3                             | - 8              | -2.50       | - 98                                  |
| 165 (2)        | 11.2                        | 2.0                          | 18                  | 18 | 9                  | 9  | 10                            | 3                | 0.29        | - 5                                   |
| 163 (1)        | 10.4                        | 2.7                          | 25                  | 22 | 8                  | 8  | 9                             | 1                | 0.07        | - 25                                  |
| 338 (5)        | 10.2                        | 2.2                          | 28                  | 32 | 13                 | 15 | 8                             | 6                | 0.72        | 40                                    |
| 310 (5)        | 9.9                         | 0.8                          | 13                  | 10 | 16                 | 12 | 4                             | - 2              | -0.42       | - 28                                  |
| 284 (3)        | 7.5                         | 2.9                          | 32                  | 44 | 11                 | 15 | 12                            | 18               | 1.48        | 92                                    |
| 139 (1)        | 6.0                         | 1.3                          | 26                  | 16 | 19                 | 12 | 6                             | - 8              | -1.50       | - 59                                  |
| 363 (2)        | 6.0                         | 2.0                          | 35                  | 20 | 18                 | 10 | 28                            | - 6              | -0.20       | - 90                                  |
| 149 (3)        | 3.0                         | 0.7                          | 15                  | 8  | 23                 | 12 | 3                             | - 7              | -2.00       | - 22                                  |
| 175 (2)        | 1.5                         | 1.3                          | 50                  | 13 | 38                 | 10 | 8                             | -33              | -4.17       | - 55                                  |

## Averages for 1939, by thirds according to acres of hay, weighted by farms:

|        |      |     |    |    |    |    |   |     |       |      |
|--------|------|-----|----|----|----|----|---|-----|-------|------|
| High   | 58.8 | 1.3 | 15 | 16 | 13 | 12 | 6 | 2   | 0.34  | - 3  |
| Medium | 26.1 | 1.2 | 17 | 16 | 14 | 12 | 7 | 1   | 0.12  | - 30 |
| Low    | 12.5 | 1.5 | 24 | 19 | 18 | 12 | 8 | - 3 | -0.50 | - 52 |

## Annual averages, all farms, weighted by acres of hay:

|      |      |     |    |    |    |    |   |     |       |      |
|------|------|-----|----|----|----|----|---|-----|-------|------|
| 1939 | 32.5 | 1.3 | 17 | 16 | 13 | 12 | 6 | 1   | 0.16  | - 28 |
| 1938 | 32.4 | 1.7 | 17 | 13 | 10 | 7  | 8 | - 2 | -0.19 | -108 |
| 1937 | 36.6 | 1.7 | 18 | 15 | 10 | 8  | 8 | 0   | -0.02 | - 91 |
| 1936 | 34.8 | 1.3 | 15 | 16 | 12 | 12 | 7 | 3   | 0.45  | 30   |
| 1935 | 34.8 | 1.7 | 16 | 13 | 10 | 8  | 8 | - 1 | -0.09 | - 86 |

The number in parenthesis after the farm number indicates the kind of hay.  
(1) clover; (2) timothy; (3) mixed leguminous hay; (4) sweet clover; and  
(5) mixed hay.

Yields of 1.3 tons per acre of hay other than alfalfa were relatively low in 1939 as a result of the drought. High values, averaging \$12 per ton, resulted in a return of 16 cents per hour.

| Farm number                                                                   | Silage per farm | Yield per acre | Labor per ton | Labor per acre |            | Cost per acre |       | Cost per ton to harvest | Cost per ton |
|-------------------------------------------------------------------------------|-----------------|----------------|---------------|----------------|------------|---------------|-------|-------------------------|--------------|
|                                                                               | acres           | tons           | hours         | to grow        | to harvest | manure        | total | \$                      | \$           |
| 330                                                                           | 36.0            | 7              | 2.0           | 5              | 9          | 8             | 26    | 0.86                    | 3.73         |
| 188                                                                           | 32.0            | 6              | 2.3           | 5              | 9          | 7             | 28    | 1.10                    | 4.43         |
| 318                                                                           | 31.0            | 10             | 2.3           | 8              | 16         | 6             | 30    | 1.15                    | 1.55         |
| 292                                                                           | 26.8            | 5              | 4.3           | 7              | 16         | 9             | 32    | 1.94                    | 5.95         |
| 359                                                                           | 22.0            | 6              | 3.7           | 8              | 15         | 4             | 33    | 2.12                    | 5.20         |
| 362                                                                           | 22.0            | 6              | 5.2           | 19             | 15         | 12            | 41    | 1.54                    | 6.17         |
| 149                                                                           | 21.5            | 8              | 3.9           | 16             | 16         | 3             | 32    | 1.05                    | 3.20         |
| 361                                                                           | 20.5            | 9              | 3.9           | 14             | 21         | 9             | 28    | 0.58                    | 3.07         |
| 278                                                                           | 17.0            | 6              | 4.3           | 8              | 17         | 10            | 26    | 1.19                    | 3.86         |
| 344                                                                           | 17.0            | 11             | 2.1           | 10             | 14         | 8             | 44    | 1.00                    | 3.98         |
| 281                                                                           | 16.9            | 10             | 5.2           | 27             | 28         | 13            | 50    | 1.45                    | 8.78         |
| 130                                                                           | 16.0            | 10             | 3.3           | 10             | 23         | 11            | 48    | 1.48                    | 4.87         |
| 288                                                                           | 15.6            | 8              | 3.0           | 12             | 11         | 9             | 34    | 1.03                    | 4.46         |
| 287                                                                           | 14.7            | 4              | 6.1           | 11             | 15         | 12            | 45    | 3.29                    | 10.77        |
| 306                                                                           | 14.4            | 6              | 5.1           | 18             | 12         | 7             | 42    | 1.82                    | 7.24         |
| 325                                                                           | 14.3            | 14             | 3.4           | 18             | 29         | 14            | 57    | 1.37                    | 3.09         |
| 357                                                                           | 13.0            | 7              | 4.2           | 9              | 22         | 8             | 36    | 1.37                    | 4.26         |
| 221                                                                           | 12.5            | 10             | 2.1           | 4              | 16         | 7             | 30    | 0.69                    | 3.17         |
| 343                                                                           | 12.5            | 4              | 5.9           | 9              | 13         | 13            | 31    | 1.44                    | 8.53         |
| 145                                                                           | 12.2            | 7              | 2.9           | 9              | 11         | 12            | 33    | 0.99                    | 4.57         |
| 355                                                                           | 11.7            | 12             | 2.0           | 7              | 17         | 7             | 48    | 1.43                    | 4.02         |
| 324                                                                           | 11.5            | 9              | 3.0           | 12             | 14         | 6             | 34    | 0.74                    | 3.94         |
| 295                                                                           | 11.3            | 3              | 4.7           | 7              | 9          | 4             | 26    | 2.03                    | 7.76         |
| 364                                                                           | 11.0            | 6              | 4.9           | 16             | 17         | 7             | 52    | 2.76                    | 7.70         |
| 316                                                                           | 11.0            | 7              | 6.1           | 22             | 21         | 3             | 61    | 1.73                    | 8.56         |
| 163                                                                           | 10.8            | 10             | 3.9           | 12             | 28         | 3             | 31    | 1.24                    | 1.67         |
| 331                                                                           | 10.8            | 10             | 4.1           | 10             | 30         | 16            | 52    | 1.73                    | 5.21         |
| 155                                                                           | 10.4            | 10             | 2.1           | 7              | 15         | 12            | 39    | 0.85                    | 3.75         |
| 165                                                                           | 10.1            | 11             | 5.1           | 16             | 40         | 6             | 45    | 1.78                    | 2.79         |
| 150                                                                           | 9.8             | 11             | 2.4           | 7              | 20         | 7             | 35    | 1.00                    | 3.16         |
| 319                                                                           | 9.7             | 8              | 3.7           | 12             | 17         | 5             | 30    | 1.53                    | 3.85         |
| 284                                                                           | 9.6             | 7              | 3.4           | 6              | 19         | 6             | 43    | 2.26                    | 5.84         |
| 309                                                                           | 9.4             | 9              | 3.4           | 15             | 16         | 11            | 38    | 1.01                    | 4.21         |
| 327                                                                           | 9.0             | 5              | 7.0           | 21             | 17         | 0             | 29    | 1.55                    | 5.41         |
| 169                                                                           | 8.9             | 13             | 3.7           | 20             | 29         | 7             | 48    | 0.94                    | 3.47         |
| 139                                                                           | 8.7             | 10             | 3.7           | 17             | 21         | 14            | 46    | 1.04                    | 4.40         |
| 351                                                                           | 8.5             | 11             | 2.6           | 13             | 16         | 7             | 35    | 0.94                    | 3.07         |
| 358                                                                           | 8.5             | 6              | 5.9           | 13             | 22         | 10            | 41    | 2.54                    | 7.02         |
| 24                                                                            | 8.0             | 6              | 5.1           | 22             | 19         | 8             | 54    | 1.61                    | 6.75         |
| 166                                                                           | 7.9             | 8              | 4.9           | 19             | 23         | 4             | 38    | 1.37                    | 4.49         |
| 164                                                                           | 7.2             | 8              | 3.3           | 8              | 21         | 11            | 48    | 2.03                    | 5.61         |
| 348                                                                           | 6.0             | 12             | 3.2           | 19             | 19         | 9             | 49    | 1.30                    | 4.21         |
| 338                                                                           | 5.8             | 7              | 3.6           | 11             | 19         | 19            | 53    | 1.98                    | 7.12         |
| 160                                                                           | 5.3             | 11             | 4.4           | 14             | 34         | 7             | 45    | 2.05                    | 4.09         |
| 202                                                                           | 3.0             | 12             | 3.6           | 17             | 26         | 5             | 52    | 1.86                    | 3.61         |
| 299                                                                           | 3.0             | 6              | 10.8          | 29             | 39         | 13            | 102   | 7.47                    | 16.05        |
| Averages for 1939, by thirds according to acres of silage, weighted by farms: |                 |                |               |                |            |               |       |                         |              |
| High                                                                          | 21.6            | 7              | 3.8           | 12             | 16         | 9             | 36    | 1.44                    | 4.75         |
| Medium                                                                        | 11.5            | 9              | 3.8           | 11             | 20         | 8             | 41    | 1.41                    | 4.81         |
| Low                                                                           | 7.4             | 9              | 4.5           | 16             | 22         | 8             | 47    | 1.97                    | 5.58         |
| Annual averages, all farms, weighted by acres of silage:                      |                 |                |               |                |            |               |       |                         |              |
| 1939                                                                          | 13.4            | 8              | 3.6           | 12             | 18         | 8             | 38    | 1.37                    | 4.33         |
| 1938                                                                          | 11.0            | 10             | 3.9           | 14             | 26         | 8             | 43    | 1.45                    | 3.98         |
| 1937                                                                          | 12.1            | 9              | 3.8           | 12             | 21         | 9             | 43    | 1.49                    | 4.66         |

| Farm<br>number                                                                     | Grain<br>per<br>farm<br>acres | Yield<br>per<br>acre<br>bushels | Average<br>per acre |         | Average<br>per bushel |       | Labor<br>per<br>acre<br>hours | Labor<br>returns |             | Profit<br>on<br>enter-<br>prise |
|------------------------------------------------------------------------------------|-------------------------------|---------------------------------|---------------------|---------|-----------------------|-------|-------------------------------|------------------|-------------|---------------------------------|
|                                                                                    |                               |                                 | cost                | returns | cost                  | value |                               | per<br>acre      | per<br>hour |                                 |
|                                                                                    |                               |                                 | \$                  | \$      | \$                    | \$    |                               | \$               | \$          | \$                              |
| <u>23 accounts with CORN FOR GRAIN</u>                                             |                               |                                 |                     |         |                       |       |                               |                  |             |                                 |
| 221                                                                                | 35.0                          | 50                              | 35                  | 57      | 0.69                  | 1.13  | 31                            | 29               | 0.93        | 776                             |
| 211                                                                                | 18.8                          | 41                              | 34                  | 38      | 0.83                  | 0.91  | 57                            | 16               | 0.28        | 63                              |
| 153                                                                                | 14.0                          | 32                              | 55                  | 64      | 1.68                  | 1.98  | 92                            | 36               | 0.39        | 134                             |
| 266                                                                                | 13.3                          | 47                              | 41                  | 28      | 0.78                  | 0.50  | 35                            | - 3              | -0.09       | -173                            |
| 359                                                                                | 13.0                          | 20                              | 41                  | 54      | 1.54                  | 2.16  | 40                            | 25               | 0.63        | 164                             |
| 355                                                                                | 10.3                          | 59                              | 58                  | 57      | 0.90                  | 0.89  | 73                            | 19               | 0.26        | - 8                             |
| 315                                                                                | 8.0                           | 50                              | 29                  | 27      | 0.54                  | 0.50  | 34                            | 8                | 0.25        | - 17                            |
| 146                                                                                | 8.0                           | 35                              | 36                  | 26      | 0.98                  | 0.70  | 28                            | 2                | 0.08        | - 79                            |
| 327                                                                                | 7.0                           | 21                              | 20                  | 16      | 0.79                  | 0.60  | 24                            | 2                | 0.08        | - 29                            |
| 150                                                                                | 6.5                           | 54                              | 35                  | 32      | 0.60                  | 0.55  | 30                            | 8                | 0.25        | - 18                            |
| 200                                                                                | 6.3                           | 25                              | 44                  | 26      | 1.60                  | 0.89  | 42                            | - 3              | -0.07       | -113                            |
| 288                                                                                | 5.5                           | 45                              | 43                  | 36      | 0.75                  | 0.60  | 47                            | 6                | 0.12        | - 37                            |
| 363                                                                                | 5.0                           | 33                              | 40                  | 24      | 1.08                  | 0.60  | 46                            | 0                | 0.00        | - 79                            |
| 319                                                                                | 5.0                           | 27                              | 36                  | 32      | 1.15                  | 0.99  | 58                            | 14               | 0.24        | - 22                            |
| 310                                                                                | 5.0                           | 71                              | 49                  | 56      | 0.69                  | 0.78  | 55                            | 26               | 0.48        | 33                              |
| 135                                                                                | 5.0                           | 25                              | 49                  | 29      | 1.80                  | 1.00  | 65                            | 10               | 0.15        | -100                            |
| 345                                                                                | 4.5                           | 46                              | 50                  | 30      | 0.98                  | 0.55  | 75                            | 3                | 0.04        | - 89                            |
| 155                                                                                | 4.2                           | 42                              | 28                  | 23      | 0.62                  | 0.51  | 49                            | 5                | 0.10        | - 19                            |
| 364                                                                                | 4.0                           | 25                              | 27                  | 22      | 0.89                  | 0.70  | 31                            | 3                | 0.10        | - 19                            |
| 316                                                                                | 3.0                           | 96                              | 70                  | 77      | 0.73                  | 0.80  | 114                           | 39               | 0.34        | 20                              |
| 130                                                                                | 2.0                           | 50                              | 56                  | 45      | 1.01                  | 0.80  | 92                            | 16               | 0.18        | - 21                            |
| 285                                                                                | 1.3                           | 25                              | 63                  | 18      | 2.56                  | 0.75  | 61                            | -21              | -0.34       | - 58                            |
| 299                                                                                | 1.0                           | 15                              | 56                  | 20      | 3.47                  | 1.07  | 52                            | -19              | -0.37       | - 36                            |
| <u>Averages for 1939, by thirds according to acres of corn, weighted by farms:</u> |                               |                                 |                     |         |                       |       |                               |                  |             |                                 |
| High                                                                               | 15.0                          | 42                              | 41                  | 44      | 0.99                  | 1.10  | 49                            | 16               | 0.34        | 108                             |
| Medium                                                                             | 5.7                           | 38                              | 40                  | 31      | 1.06                  | 0.75  | 46                            | 8                | 0.16        | - 46                            |
| Low                                                                                | 2.9                           | 43                              | 50                  | 34      | 1.47                  | 0.74  | 68                            | 4                | 0.01        | - 32                            |
| <u>Annual averages, all farms, weighted by acres of corn:</u>                      |                               |                                 |                     |         |                       |       |                               |                  |             |                                 |
| 1939                                                                               | 8.1                           | 42                              | 40                  | 42      | 0.90                  | 0.93  | 48                            | 15               | 0.32        | 12                              |
| 1938                                                                               | 6.0                           | 41                              | 40                  | 37      | 0.92                  | 0.84  | 49                            | 11               | 0.23        | - 19                            |
| 1937                                                                               | 5.6                           | 39                              | 43                  | 38      | 0.95                  | 0.84  | 47                            | 12               | 0.25        | - 24                            |
| <u>14 accounts with SPRING BARLEY</u>                                              |                               |                                 |                     |         |                       |       |                               |                  |             |                                 |
| 188                                                                                | 35.0                          | 30                              | 29                  | 18      | 0.86                  | 0.50  | 11                            | - 8              | -0.69       | -372                            |
| 331                                                                                | 22.5                          | 40                              | 27                  | 44      | 0.57                  | 1.00  | 22                            | 23               | 1.05        | 384                             |
| 146                                                                                | 20.0                          | 20                              | 20                  | 12      | 0.99                  | 0.58  | 10                            | - 4              | -0.44       | -170                            |
| 221                                                                                | 18.0                          | 42                              | 21                  | 28      | 0.44                  | 0.60  | 7                             | 8                | 1.21        | 122                             |
| 135                                                                                | 13.0                          | 31                              | 30                  | 23      | 0.90                  | 0.70  | 12                            | - 1              | -0.04       | - 80                            |
| 266                                                                                | 13.0                          | 34                              | 17                  | 25      | 0.51                  | 0.75  | 6                             | 10               | 1.71        | 104                             |
| 327                                                                                | 12.0                          | 24                              | 26                  | 13      | 1.06                  | 0.50  | 21                            | - 8              | -0.37       | -161                            |
| 360                                                                                | 12.0                          | 21                              | 18                  | 10      | 0.85                  | 0.50  | 11                            | - 3              | -0.28       | - 88                            |
| 163                                                                                | 11.1                          | 36                              | 20                  | 29      | 0.45                  | 0.70  | 12                            | 13               | 1.07        | 99                              |
| 170                                                                                | 11.0                          | 28                              | 32                  | 28      | 1.09                  | 0.93  | 19                            | 1                | 0.03        | - 49                            |
| 310                                                                                | 10.2                          | 32                              | 20                  | 15      | 0.61                  | 0.48  | 8                             | - 1              | -0.08       | - 42                            |
| 103                                                                                | 8.0                           | 25                              | 18                  | 13      | 0.71                  | 0.53  | 4                             | - 3              | -0.89       | - 36                            |
| 364                                                                                | 4.0                           | 44                              | 17                  | 48      | 0.17                  | 0.86  | 14                            | 34               | 2.45        | 121                             |
| 155                                                                                | 3.0                           | 18                              | 27                  | 9       | 1.47                  | 0.49  | 21                            | -14              | -0.67       | - 54                            |
| <u>Annual averages, all farms, weighted by acres of barley:</u>                    |                               |                                 |                     |         |                       |       |                               |                  |             |                                 |
| 1939                                                                               | 13.8                          | 31                              | 24                  | 23      | 0.71                  | 0.67  | 12                            | 3                | 0.21        | - 16                            |
| 1938                                                                               | 18.0                          | 27                              | 23                  | 19      | 0.76                  | 0.61  | 12                            | - 1              | -0.06       | - 75                            |
| 1937                                                                               | 13.8                          | 26                              | 28                  | 24      | 0.95                  | 0.80  | 14                            | 0                | -0.01       | - 56                            |

| Farm<br>number | Grain<br>per<br>farm<br>acres | Yield<br>per<br>acre<br>bushels | Average  |         | Average    |       | Labor<br>per<br>acre<br>hours | Labor<br>returns |             | Profit<br>on<br>enter-<br>prise |
|----------------|-------------------------------|---------------------------------|----------|---------|------------|-------|-------------------------------|------------------|-------------|---------------------------------|
|                |                               |                                 | per acre |         | per bushel |       |                               | per<br>acre      | per<br>hour |                                 |
|                |                               |                                 | cost     | returns | cost       | value |                               |                  |             |                                 |
|                |                               |                                 | \$       | \$      | \$         | \$    |                               | \$               | \$          | \$                              |
| 278            | 65.0                          | 31                              | 15       | 17      | 0.40       | 0.45  | 9                             | 4                | 0.40        | 103                             |
| 155            | 31.5                          | 37                              | 19       | 18      | 0.45       | 0.40  | 13                            | 1                | 0.05        | - 57                            |
| 130            | 29.4                          | 57                              | 23       | 26      | 0.36       | 0.40  | 15                            | 7                | 0.47        | 75                              |
| 186            | 29.0                          | 48                              | 28       | 25      | 0.55       | 0.50  | 15                            | 3                | 0.20        | - 70                            |
| 359            | 28.0                          | 17                              | 18       | 10      | 0.95       | 0.48  | 9                             | - 5              | -0.57       | -219                            |
| 316            | 27.8                          | 47                              | 29       | 30      | 0.56       | 0.58  | 14                            | 5                | 0.36        | 28                              |
| 164            | 26.6                          | 20                              | 16       | 14      | 0.72       | 0.60  | 7                             | 0                | -0.05       | - 68                            |
| 221            | 25.0                          | 44                              | 23       | 21      | 0.44       | 0.40  | 15                            | 1                | 0.09        | - 47                            |
| 165            | 20.4                          | 41                              | 23       | 28      | 0.48       | 0.60  | 12                            | 9                | 0.73        | 97                              |
| 153            | 19.8                          | 42                              | 26       | 23      | 0.59       | 0.50  | 16                            | 1                | 0.07        | - 77                            |
| 362            | 17.0                          | 31                              | 33       | 21      | 0.75       | 0.36  | 28                            | - 4              | -0.13       | -206                            |
| 266            | 17.0                          | 75                              | 23       | 39      | 0.28       | 0.49  | 17                            | 20               | 1.21        | 268                             |
| 170            | 12.7                          | 51                              | 40       | 38      | 0.74       | 0.70  | 20                            | 3                | 0.17        | - 25                            |
| 315            | 12.4                          | 32                              | 19       | 15      | 0.53       | 0.40  | 15                            | 1                | 0.04        | - 49                            |
| 166            | 11.2                          | 36                              | 20       | 15      | 0.53       | 0.40  | 14                            | 0                | 0.00        | - 52                            |
| 202            | 9.8                           | 37                              | 17       | 16      | 0.43       | 0.40  | 13                            | 2                | 0.17        | - 12                            |
| 364            | 9.3                           | 26                              | 22       | 21      | 0.68       | 0.64  | 19                            | 4                | 0.20        | - 10                            |
| 319            | 9.0                           | 22                              | 21       | 14      | 0.88       | 0.55  | 14                            | - 3              | -0.23       | - 67                            |
| 348            | 8.6                           | 27                              | 23       | 13      | 0.75       | 0.40  | 14                            | - 5              | -0.39       | - 82                            |
| 24             | 8.2                           | 39                              | 29       | 22      | 0.67       | 0.50  | 16                            | - 2              | -0.13       | - 55                            |
| 267            | 5.0                           | 28                              | 29       | 11      | 1.02       | 0.38  | 7                             | -16              | -2.45       | - 91                            |
| 200            | 5.0                           | 28                              | 32       | 12      | 1.09       | 0.40  | 12                            | -15              | -1.23       | - 98                            |
| 281            | 4.7                           | 31                              | 24       | 20      | 0.72       | 0.60  | 20                            | 1                | 0.03        | - 17                            |
| 345            | 4.5                           | 41                              | 41       | 33      | 0.84       | 0.65  | 33                            | 2                | 0.07        | - 36                            |
| 163            | 3.6                           | 26                              | 18       | 14      | 0.61       | 0.49  | 15                            | 2                | 0.13        | - 11                            |
| 361            | 3.5                           | 29                              | 21       | 23      | 0.49       | 0.55  | 12                            | 4                | 0.35        | 6                               |
| 139            | 3.0                           | 32                              | 36       | 23      | 0.94       | 0.51  | 25                            | - 8              | -0.31       | - 41                            |
| 135            | 3.0                           | 45                              | 33       | 23      | 0.65       | 0.41  | 18                            | - 3              | -0.15       | - 32                            |
| 175            | 1.6                           | 53                              | 52       | 23      | 0.95       | 0.40  | 23                            | -21              | -0.89       | - 47                            |

## Averages for 1939, by thirds according to acres of oats, weighted by farms:

|        |      |    |    |    |      |      |    |     |       |      |
|--------|------|----|----|----|------|------|----|-----|-------|------|
| High   | 31.4 | 38 | 22 | 21 | 0.55 | 0.49 | 12 | 3   | 0.19  | - 18 |
| Medium | 12.7 | 38 | 24 | 22 | 0.62 | 0.48 | 17 | 2   | 0.11  | - 31 |
| Low    | 4.2  | 35 | 32 | 20 | 0.80 | 0.49 | 18 | - 6 | -0.46 | - 42 |

## Annual averages, all farms, weighted by acres of oats:

|      |      |    |    |    |      |      |    |     |       |      |
|------|------|----|----|----|------|------|----|-----|-------|------|
| 1939 | 15.6 | 38 | 23 | 21 | 0.53 | 0.48 | 14 | 2   | 0.14  | - 31 |
| 1938 | 14.9 | 39 | 25 | 17 | 0.56 | 0.37 | 16 | - 3 | -0.18 | -112 |
| 1937 | 13.1 | 29 | 26 | 17 | 0.80 | 0.48 | 16 | - 4 | -0.26 | -119 |
| 1936 | 14.8 | 24 | 23 | 20 | 0.82 | 0.67 | 13 | 1   | 0.04  | - 52 |
| 1935 | 13.5 | 35 | 22 | 16 | 0.56 | 0.38 | 15 | - 2 | -0.14 | - 85 |

| Farm<br>number | Grain<br>per<br>farm<br>acres | Yield<br>per<br>acre<br>bushels | Average<br>per acre |         | Average<br>per bushel |       | Labor<br>per<br>acre<br>hours | Labor<br>returns |             | Profit<br>on<br>enter-<br>prise |
|----------------|-------------------------------|---------------------------------|---------------------|---------|-----------------------|-------|-------------------------------|------------------|-------------|---------------------------------|
|                |                               |                                 | cost                | returns | cost                  | value |                               | per<br>acre      | per<br>hour |                                 |
|                |                               |                                 | \$                  | \$      | \$                    | \$    |                               | \$               | \$          | \$                              |
| 361            | 34.8                          | 35                              | 19                  | 26      | 0.29                  | 0.50  | 12                            | 10               | 0.84        | 257                             |
| 309            | 34.8                          | 29                              | 20                  | 22      | 0.55                  | 0.65  | 10                            | 6                | 0.54        | 103                             |
| 266            | 33.0                          | 51                              | 21                  | 27      | 0.37                  | 0.50  | 17                            | 11               | 0.66        | 212                             |
| 292            | 31.6                          | 40                              | 20                  | 26      | 0.33                  | 0.50  | 15                            | 11               | 0.74        | 213                             |
| 150            | 30.5                          | 30                              | 21                  | 22      | 0.65                  | 0.70  | 10                            | 5                | 0.49        | 45                              |
| 149            | 21.1                          | 32                              | 19                  | 18      | 0.54                  | 0.51  | 12                            | 2                | 0.15        | - 17                            |
| 344            | 21.0                          | 44                              | 34                  | 32      | 0.63                  | 0.60  | 18                            | 4                | 0.20        | - 31                            |
| 330            | 18.8                          | 14                              | 16                  | 14      | 0.83                  | 0.65  | 13                            | 1                | 0.06        | - 49                            |
| 351            | 17.0                          | 34                              | 20                  | 25      | 0.48                  | 0.60  | 18                            | 10               | 0.53        | 69                              |
| 284            | 16.0                          | 51                              | 21                  | 37      | 0.23                  | 0.55  | 10                            | 20               | 1.98        | 257                             |
| 318            | 15.0                          | 37                              | 24                  | 32      | 0.37                  | 0.60  | 16                            | 13               | 0.81        | 124                             |
| 103            | 14.0                          | 34                              | 20                  | 22      | 0.48                  | 0.53  | 10                            | 6                | 0.57        | 24                              |
| 200            | 13.9                          | 44                              | 33                  | 23      | 0.74                  | 0.50  | 13                            | - 6              | -0.48       | -146                            |
| 355            | 13.6                          | 53                              | 29                  | 43      | 0.48                  | 0.75  | 23                            | 21               | 0.93        | 194                             |
| 343            | 13.0                          | 20                              | 20                  | 13      | 0.94                  | 0.60  | 12                            | - 4              | -0.37       | - 89                            |
| 281            | 12.6                          | 56                              | 36                  | 37      | 0.53                  | 0.55  | 22                            | 5                | 0.25        | 11                              |
| 325            | 12.0                          | 43                              | 35                  | 27      | 0.70                  | 0.50  | 18                            | - 3              | -0.17       | -104                            |
| 306            | 10.0                          | 25                              | 32                  | 21      | 0.95                  | 0.50  | 18                            | - 5              | -0.27       | -111                            |
| 287            | 9.2                           | 22                              | 42                  | 22      | 1.75                  | 0.80  | 6                             | -19              | -3.19       | -190                            |
| 163            | 9.1                           | 41                              | 17                  | 25      | 0.35                  | 0.56  | 11                            | 12               | 1.11        | 79                              |
| 354            | 8.5                           | 30                              | 29                  | 19      | 0.82                  | 0.50  | 8                             | - 7              | -0.83       | - 81                            |
| 288            | 8.1                           | 49                              | 28                  | 25      | 0.51                  | 0.45  | 21                            | 3                | 0.13        | - 23                            |
| 160            | 8.0                           | 38                              | 21                  | 27      | 0.45                  | 0.60  | 16                            | 11               | 0.68        | 45                              |
| 164            | 7.8                           | 9                               | 20                  | 7       | 2.07                  | 0.60  | 14                            | - 8              | -0.57       | -103                            |
| 364            | 7.0                           | 27                              | 17                  | 21      | 0.44                  | 0.56  | 13                            | 6                | 0.51        | 23                              |
| 169            | 7.0                           | 42                              | 42                  | 31      | 0.86                  | 0.60  | 18                            | - 5              | -0.26       | - 76                            |
| 81             | 7.0                           | 66                              | 29                  | 35      | 0.36                  | 0.45  | 25                            | 13               | 0.53        | 44                              |
| 285            | 6.2                           | 10                              | 35                  | 10      | 3.45                  | 0.90  | 11                            | -20              | -1.76       | -153                            |
| 145            | 6.0                           | 11                              | 30                  | 10      | 2.38                  | 0.60  | 15                            | -15              | -1.00       | -121                            |
| 324            | 5.5                           | 39                              | 29                  | 22      | 0.59                  | 0.40  | 14                            | - 3              | -0.23       | - 41                            |
| 299            | 3.0                           | 33                              | 48                  | 33      | 1.13                  | 0.70  | 35                            | - 3              | -0.09       | - 43                            |

Averages for 1939, by thirds according to acres of grain, weighted by farms:

|        |      |    |    |    |      |      |    |     |       |      |
|--------|------|----|----|----|------|------|----|-----|-------|------|
| High   | 24.9 | 36 | 21 | 26 | 0.48 | 0.58 | 14 | 8   | 0.64  | 108  |
| Medium | 11.6 | 37 | 29 | 25 | 0.77 | 0.58 | 14 | 0   | -0.24 | - 41 |
| Low    | 6.6  | 32 | 30 | 22 | 1.22 | 0.59 | 18 | - 2 | -0.21 | - 45 |

Annual averages, all farms, weighted by acres of grain:

|      |      |    |    |    |      |      |    |     |       |      |
|------|------|----|----|----|------|------|----|-----|-------|------|
| 1939 | 14.7 | 36 | 24 | 25 | 0.54 | 0.56 | 14 | 5   | 0.34  | 10   |
| 1938 | 15.1 | 34 | 25 | 20 | 0.63 | 0.49 | 15 | 0   | -0.01 | - 71 |
| 1937 | 15.7 | 26 | 26 | 17 | 0.88 | 0.55 | 15 | - 4 | -0.28 | -135 |
| 1936 | 15.6 | 20 | 24 | 18 | 1.02 | 0.73 | 14 | - 2 | -0.13 | - 92 |
| 1935 | 14.8 | 34 | 25 | 19 | 0.65 | 0.47 | 17 | - 1 | -0.09 | - 92 |

| Farm<br>number | Grain<br>per<br>farm<br>acres | Yield<br>per<br>acre<br>bushels | Average  |         | Average    |       | Labor<br>per<br>acre<br>hours | Labor<br>returns |             | Profit<br>on<br>enter-<br>prise |
|----------------|-------------------------------|---------------------------------|----------|---------|------------|-------|-------------------------------|------------------|-------------|---------------------------------|
|                |                               |                                 | per acre |         | per bushel |       |                               | per<br>acre      | per<br>hour |                                 |
|                |                               |                                 | cost     | returns | cost       | value |                               |                  |             |                                 |
|                |                               |                                 | \$       | \$      | \$         | \$    |                               | \$               | \$          | \$                              |
| 193            | 58.1                          | 32                              | 25       | 28      | 0.73       | 0.81  | 10                            | 5                | 0.56        | 149                             |
| 267            | 50.9                          | 36                              | 21       | 22      | 0.57       | 0.60  | 6                             | 3                | 0.48        | 48                              |
| 146            | 39.2                          | 26                              | 18       | 26      | 0.66       | 0.97  | 9                             | 12               | 1.25        | 310                             |
| 360            | 34.0                          | 19                              | 14       | 13      | 0.71       | 0.65  | 6                             | 1                | 0.18        | - 40                            |
| 150            | 30.0                          | 34                              | 30       | 38      | 0.67       | 0.89  | 17                            | 14               | 0.84        | 232                             |
| 221            | 26.0                          | 32                              | 20       | 35      | 0.50       | 0.95  | 10                            | 17               | 1.69        | 383                             |
| 186            | 25.0                          | 32                              | 28       | 26      | 0.74       | 0.70  | 17                            | 5                | 0.28        | - 35                            |
| 310            | 23.1                          | 33                              | 23       | 32      | 0.53       | 0.82  | 7                             | 12               | 1.69        | 220                             |
| 135            | 22.1                          | 28                              | 22       | 20      | 0.79       | 0.71  | 13                            | 3                | 0.25        | - 51                            |
| 81             | 20.0                          | 41                              | 32       | 45      | 0.59       | 0.91  | 15                            | 17               | 1.18        | 262                             |
| 327            | 20.0                          | 28                              | 26       | 33      | 0.72       | 0.95  | 14                            | 10               | 0.73        | 132                             |
| 130            | 19.4                          | 33                              | 28       | 30      | 0.73       | 0.78  | 22                            | 8                | 0.35        | 29                              |
| 266            | 18.5                          | 43                              | 25       | 46      | 0.53       | 1.00  | 27                            | 28               | 1.02        | 378                             |
| 288            | 16.5                          | 36                              | 25       | 37      | 0.64       | 1.00  | 13                            | 16               | 1.27        | 212                             |
| 324            | 16.0                          | 38                              | 32       | 45      | 0.59       | 0.92  | 15                            | 18               | 1.17        | 208                             |
| 153            | 15.5                          | 29                              | 17       | 29      | 0.60       | 1.00  | 10                            | 15               | 1.44        | 181                             |
| 211            | 14.7                          | 38                              | 26       | 38      | 0.58       | 0.90  | 14                            | 16               | 1.11        | 181                             |
| 287            | 12.9                          | 19                              | 28       | 25      | 1.19       | 1.06  | 7                             | 0                | 0.00        | - 31                            |
| 330            | 11.2                          | 36                              | 20       | 39      | 0.31       | 0.84  | 9                             | 21               | 2.37        | 213                             |
| 309            | 10.5                          | 28                              | 24       | 30      | 0.70       | 0.91  | 10                            | 8                | 0.79        | 62                              |
| 164            | 9.4                           | 13                              | 19       | 15      | 1.32       | 1.00  | 15                            | 1                | 0.06        | - 39                            |
| 103            | 9.0                           | 23                              | 32       | 25      | 1.20       | 0.87  | 17                            | - 1              | -0.06       | - 70                            |
| 357            | 9.0                           | 17                              | 21       | 17      | 1.04       | 0.84  | 15                            | 0                | 0.02        | - 32                            |
| 149            | 8.0                           | 16                              | 25       | 15      | 1.41       | 0.78  | 28                            | - 4              | -0.13       | - 81                            |
| 24             | 7.6                           | 26                              | 33       | 30      | 1.12       | 1.00  | 19                            | 2                | 0.12        | - 24                            |
| 155            | 7.5                           | 30                              | 24       | 36      | 0.49       | 0.90  | 21                            | 17               | 0.78        | 91                              |
| 361            | 7.5                           | 39                              | 23       | 38      | 0.41       | 0.80  | 14                            | 19               | 1.31        | 114                             |
| 202            | 7.1                           | 28                              | 25       | 25      | 0.88       | 0.88  | 17                            | 5                | 0.28        | 0                               |
| 174            | 5.2                           | 33                              | 56       | 33      | 1.59       | 0.89  | 20                            | -18              | -0.87       | -120                            |
| 359            | 4.0                           | 38                              | 27       | 51      | 0.57       | 1.20  | 16                            | 29               | 1.76        | 95                              |
| 306            | 2.5                           | 42                              | 50       | 66      | 0.63       | 1.00  | 45                            | 30               | 0.68        | 38                              |
| 166            | 1.3                           | 31                              | 16       | 21      | 0.52       | 0.68  | 22                            | 12               | 0.54        | 6                               |

Averages for 1939, by thirds according to acres of wheat, weighted by farms:

|        |      |    |    |    |      |      |    |    |      |     |
|--------|------|----|----|----|------|------|----|----|------|-----|
| High   | 31.7 | 31 | 24 | 29 | 0.66 | 0.81 | 11 | 9  | 0.83 | 146 |
| Medium | 14.5 | 31 | 24 | 33 | 0.72 | 0.94 | 14 | 13 | 0.96 | 139 |
| Low    | 6.2  | 29 | 30 | 32 | 0.90 | 0.89 | 21 | 8  | 0.40 | 2   |

Annual averages, all farms, weighted by acres of wheat:

|      |      |    |    |    |      |      |    |    |      |      |
|------|------|----|----|----|------|------|----|----|------|------|
| 1939 | 17.6 | 31 | 24 | 30 | 0.67 | 0.85 | 13 | 9  | 0.73 | 94   |
| 1938 | 20.4 | 33 | 28 | 26 | 0.76 | 0.71 | 16 | 3  | 0.21 | - 32 |
| 1937 | 19.9 | 29 | 29 | 34 | 0.85 | 1.02 | 16 | 10 | 0.62 | 99   |
| 1936 | 17.3 | 24 | 26 | 32 | 0.90 | 1.16 | 15 | 11 | 0.74 | 109  |
| 1935 | 16.6 | 28 | 24 | 26 | 0.76 | 0.82 | 15 | 6  | 0.39 | 27   |

| Enterprise               | Average size<br>of enterprise | Average per farm |       | Return<br>per hour<br>of labor |
|--------------------------|-------------------------------|------------------|-------|--------------------------------|
|                          |                               | Profit           | Labor |                                |
|                          |                               | dollars          | hours | dollars                        |
| <u>Livestock:</u>        |                               |                  |       |                                |
| Dairy cows               | 23 cows                       | -126             | 3,139 | 0.25                           |
| Hens                     | 762 birds                     | - 65             | 1,377 | 0.27                           |
| Chicks                   | 1,824 chicks started          | - 18             | 512   | 0.29                           |
| Incubation               | 13,879 eggs set               | 232              | 274   | 1.19                           |
| Sheep                    | 75 sheep                      | -158             | 436   | -0.03                          |
| Feeder lambs             | 570 lambs purchased           | -476             | 976   | -0.18                          |
| <u>Cash crops:</u>       |                               |                  |       |                                |
| Potatoes                 | 22.3 acres                    | 772              | 1,770 | 0.74                           |
| Cabbage                  | 11.9 acres                    | 785              | 1,233 | 0.92                           |
| Dry beans                | 19.7 acres                    | - 11             | 471   | 0.30                           |
| Canning-factory peas     | 11.0 acres                    | - 50             | 195   | 0.06                           |
| Canning-factory tomatoes | 12.6 acres                    | 230              | 1,645 | 0.41                           |
| <u>Fruit:</u>            |                               |                  |       |                                |
| Apples                   | 36.9 acres                    | -1,177           | 4,859 | 0.09                           |
| Peaches                  | 5.4 acres                     | 59               | 592   | 0.41                           |
| Pears                    | 6.2 acres                     | 62               | 373   | 0.46                           |
| Cherries                 | 7.6 acres                     | -115             | 2,004 | 0.25                           |
| <u>Hay:</u>              |                               |                  |       |                                |
| Alfalfa                  | 21.5 acres                    | 123              | 196   | 0.93                           |
| Hay other than alfalfa   | 32.5 acres                    | - 28             | 208   | 0.16                           |
| <u>Grain:</u>            |                               |                  |       |                                |
| Corn                     | 8.1 acres                     | 12               | 392   | 0.32                           |
| Barley                   | 13.8 acres                    | - 16             | 172   | 0.21                           |
| Oats                     | 15.6 acres                    | - 31             | 214   | 0.14                           |
| Mixed spring grains      | 14.7 acres                    | 10               | 210   | 0.34                           |
| Wheat                    | 17.6 acres                    | 94               | 226   | 0.73                           |