

Individual Factors and  
Annual Averages  
— *from* —  
FARM COST ACCOUNTS  
52 Farms -- 1945

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## FOREWORD

Each farm enterprise is tabulated separately in this report. The enterprises are arranged according to size; for example, the farm with the largest number of cows is shown first on page 10, and the farm with the largest number of hens is first on page 13.

Enterprises with 12 or more farms have been divided into three equal groups according to the size of the enterprises: Largest, medium sized and smallest.

The averages for each of these groups, shown near the bottom of the following pages, are weighted by farms; that is, each farm is given equal weight in the calculation of the averages. For example, on page 10, the value per cow for the high third was \$174, the average of the 10 figures representing the value per cow on the 10 farms in the group.

The annual averages are weighted by animals or acres rather than by farms. The average value per cow for 1945 of \$160 is the sum of the value of all cows, \$233,585, divided by 1,462, the total number of cows.

## ACKNOWLEDGEMENTS

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| Hens                                     | 13          | Corn                   | 29          |
| Chicks                                   | 15          | Oats                   | 30          |
| Incubation                               | 16          | Mixed spring grain     | 31          |
| Sheep                                    | 16          | Wheat                  | 32          |
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| <u>Cash Crops:</u>                       |             |                        |             |
| Potatoes                                 | 18          |                        |             |
| Cabbage                                  | 19          |                        |             |
| Dry Beans                                | 19          |                        |             |
| Canning-factory peas                     | 20          |                        |             |
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## Summary of Returns per Hour of Labor

|                           | 1914<br>to<br>1918 | 1919<br>to<br>1923 | 1924<br>to<br>1928 | 1929<br>to<br>1933 | 1934<br>to<br>1938 | 1939<br>to<br>1943 | 1944  | 1945  |
|---------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------|-------|
|                           | \$                 | \$                 | \$                 | \$                 | \$                 | \$                 | \$    | \$    |
| Farm Enterprises          |                    |                    |                    |                    |                    |                    |       |       |
| Livestock:                |                    |                    |                    |                    |                    |                    |       |       |
| Dairy cows                | 0.30               | 0.25               | 0.40               | 0.14               | 0.25               | 0.55               | 1.17  | 1.24  |
| Hens                      | 0.28*              | 0.84               | 0.47               | 0.31               | 0.29               | 0.77               | 0.89  | 1.27  |
| Raising chicks            | -                  | -                  | -                  | 0.46               | 0.33               | 0.48               | 0.32  | 1.00  |
| Incubation                | -                  | -                  | -                  | -                  | 1.91               | 2.96               | 5.37  | 7.17  |
| Sheep                     | -                  | -                  | -                  | -0.73              | 0.06               | 0.42               | -1.19 | 0.03  |
| Feeder lambs              | -                  | -                  | -                  | 0.04               | 0.18               | 0.24               | 0.37  | -0.87 |
| Fruit:                    |                    |                    |                    |                    |                    |                    |       |       |
| Apples                    | -                  | 0.79               | 0.79               | 0.45               | 0.45               | 0.85               | 1.90  | 0.27  |
| Cherries                  | -                  | -                  | -                  | -                  | 0.64               | 0.88               | 1.89  | 1.80  |
| Peaches                   | -                  | -                  | -                  | -                  | 0.54               | 0.56               | 1.91  | 2.39  |
| Pears                     | -                  | -                  | -                  | -                  | 0.36               | 1.24               | 1.32  | 0.08  |
| Grain:                    |                    |                    |                    |                    |                    |                    |       |       |
| Barley                    | 0.03               | -0.28              | 0.07               | -0.34              | 0.07               | -0.03              | 0.41  | 1.00  |
| Corn                      | 0.13               | -0.01              | -0.13              | 0.03               | 0.22               | 0.58               | 0.83  | 1.58  |
| Oats                      | 0.11               | -0.31              | 0.03               | -0.34              | -0.02              | 0.14               | 0.56  | 0.57  |
| Mixed spring grains       | -                  | -                  | -                  | -0.30              | -0.03              | 0.36               | 0.96  | 1.18  |
| Wheat                     | 0.58               | -0.03              | 0.20               | -0.03              | 0.47               | 1.17               | 1.88  | 2.63  |
| Hay:                      |                    |                    |                    |                    |                    |                    |       |       |
| Alfalfa                   | 0.82               | 0.94               | 0.78               | 0.31               | 0.53               | 1.04               | 2.19  | 1.99  |
| All other hay             | 0.73               | 0.66               | 0.08               | -0.01              | 0.18               | 0.51               | 1.33  | 1.02  |
| Vegetables:               |                    |                    |                    |                    |                    |                    |       |       |
| Beans, dry                | 0.12               | 0.23               | -0.06              | 0.05               | 0.30               | 0.59               | 0.38  | 1.21  |
| Cabbage                   | 0.46               | 0.45               | 0.49               | 0.34               | 0.48               | 1.08               | 1.32  | 0.40  |
| Corn, sweet               | -                  | -                  | -                  | -                  | 0.42               | 0.49               | 0.98  | 1.72  |
| Peas, canning-factory     | -                  | -                  | -                  | 0.21               | 0.16               | 0.92               | 2.68  | 3.21  |
| Potatoes                  | 0.49               | 0.51               | 0.89               | 0.52               | 0.50               | 1.08               | 2.46  | 1.11  |
| Tomatoes, canning-factory | -                  | -                  | -                  | 0.24*              | 0.41               | 0.67               | 0.84  | 1.49  |

\* Less than five years.

/ Canning-factory sweet corn only.

Summary, 1945  
Crop Enterprises

| Crop                  | Number<br>of<br>accounts | Average<br>acres<br>per farm | Average<br>yield<br>per acre | Returns<br>per hour<br>of labor | Hours<br>of labor<br>per acre | Profit<br>on<br>enterprise | Profit<br>per<br>acre |
|-----------------------|--------------------------|------------------------------|------------------------------|---------------------------------|-------------------------------|----------------------------|-----------------------|
| <u>Cash crops</u>     |                          |                              |                              |                                 |                               |                            |                       |
| Potatoes              | 17                       | 26.7                         | 158 bu.                      | 1.11                            | 77                            | \$ 812                     | \$ 30                 |
| Cabbage               | 8                        | 13.2                         | 8.4 tons                     | 0.40                            | 82                            | -342                       | -26                   |
| Tomatoes, C.F.        | 7                        | 16.3                         | 9.7 tons                     | 1.49                            | 107                           | 1,314                      | 81                    |
| Peas, C.F.            | 11                       | 11.0                         | 2,443 lbs.                   | 3.21                            | 18                            | 488                        | 44                    |
| Beans, dry            | 8                        | 13.2                         | 16 bu.                       | 1.21                            | 32                            | 256                        | 19                    |
| Corn, C.F.            | 7                        | 19.9                         | 3.5 tons                     | 1.72                            | 38                            | 818                        | 41                    |
| <u>Fruit</u>          |                          |                              |                              |                                 |                               |                            |                       |
| Apples                | 14                       | 41.1                         | 22 bu.                       | 0.27                            | 47                            | -1,045                     | -25                   |
| Cherries              | 4                        | 9.2                          | 2,697 lbs.                   | 1.80                            | 139                           | 1,121                      | 122                   |
| Peaches               | 6                        | 7.8                          | 146 bu.                      | 2.39                            | 120                           | 1,424                      | 183                   |
| Pears                 | 3                        | 8.3                          | 18 bu.                       | 0.08                            | 46                            | -280                       | -34                   |
| <u>Grain</u>          |                          |                              |                              |                                 |                               |                            |                       |
| Wheat                 | 24                       | 22.2                         | 33 bu.                       | 2.63                            | 12                            | 510                        | 23                    |
| Corn for grain        | 20                       | 12.7                         | 35 bu.                       | 1.58                            | 14                            | 160                        | 13                    |
| Mixed spring<br>grain | 15                       | 17.6                         | 35 bu.                       | 1.18                            | 11                            | 107                        | 6                     |
| Oats                  | 18                       | 14.1                         | 32 bu.                       | 0.57                            | 11                            | -14                        | -1                    |
| Barley                | 4                        | 12.7                         | 22                           | 1.00                            | 9                             | 24                         | 2                     |
| <u>Hay</u>            |                          |                              |                              |                                 |                               |                            |                       |
| Alfalfa               | 17                       | 24.8                         | 2.1 tons                     | 1.99                            | 9                             | 302                        | 12                    |
| Other hay             | 44                       | 36.2                         | 2.0 tons                     | 1.02                            | 9                             | 128                        | 4                     |

Livestock Enterprises

| Enterprise     | Number<br>of<br>accounts | Average<br>number of<br>head per farm | Production<br>per<br>head | Return<br>per hour<br>of labor | Hours<br>of labor<br>per head | Profit<br>on<br>enterprise |
|----------------|--------------------------|---------------------------------------|---------------------------|--------------------------------|-------------------------------|----------------------------|
| Dairy cows     | 30                       | 24                                    | 8,887 lbs.                | \$ 1.24                        | 117                           | \$ 1,852                   |
| Hens           | 28                       | 899                                   | 172 eggs                  | 1.27                           | 1.66                          | 996                        |
| Raising chicks | 29                       | 2,978*                                | -----                     | 1.00                           | 0.21                          | 242                        |
| Incubation     | 4                        | **                                    | **                        | 7.17                           | 1                             | 2,239                      |
| Sheep          | 4                        | 90                                    | 1.05 lambs                | 0.03                           | 6.0                           | -381                       |
| Feeder lambs   | 5                        | 469                                   | 24 lbs./                  | -0.87                          | 1.3                           | -1,018                     |

\* Number of chicks started.

\*\* The average number of eggs set per farm was 59,053 and the per cent hatch 60.

/ Pounds of grain per head for 132 days on feed.

Factors from 52 LABOR Accounts, 1945  
(Arranged by man equivalent)

| 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 | Averages                    |                               |
|----------------|------------------|-------------------------------|---------------------|--------------------|-------------------------------|----------------------------------------------------|---------------|--------------|------------------------------------|-----------------------------|-------------------------------|
|                |                  |                               |                     | 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 |                                    | per<br>hour<br>for<br>labor | Average<br>cost<br>per<br>man |
|                |                  | hours                         | hours               | \$                 | \$                            | \$                                                 | \$            | \$           | \$                                 | \$                          | \$                            |
| 174            | 11.6             | 31,815                        | 2,743               | 200                | 54                            | 162                                                | ---           | ---          | 0.58                               | 0.71                        | 1,949                         |
| 170            | 7.6              | 18,957                        | 2,494               | 185                | 39                            | 152                                                | ---           | 141          | 0.81                               | 0.87                        | 2,161                         |
| 366            | 6.5              | 7,454                         | 1,147               | 205                | 25                            | ---                                                | ---           | 78           | 1.22                               | 1.19                        | 1,364                         |
| 316            | 6.3              | 21,137                        | 3,355               | 200                | 63                            | 187                                                | ---           | 87           | 0.60                               | 0.69                        | 2,332                         |
| 315            | 5.9              | 15,215                        | 2,579               | 200                | 40                            | 232                                                | 147           | ---          | 0.62                               | 0.91                        | 2,356                         |
| 368            | 5.8              | 12,188                        | 2,101               | 167                | 43                            | 127                                                | ---           | ---          | 0.42                               | 0.79                        | 1,662                         |
| 267            | 5.5              | 12,187                        | 2,216               | 125                | 64                            | 170                                                | ---           | ---          | 0.61                               | 0.86                        | 1,905                         |
| 149            | 5.2              | 15,810                        | 3,040               | 100                | 38                            | ---                                                | 117           | 117          | 0.62                               | 0.46                        | 1,400                         |
| 331            | 4.6              | 12,878                        | 2,800               | 100                | 65                            | ---                                                | ---           | ---          | 0.20                               | 0.49                        | 1,379                         |
| 186            | 4.5              | 13,321                        | 2,960               | 125                | 59                            | 208                                                | ---           | ---          | 0.65                               | 0.71                        | 2,110                         |
| 163            | 4.4              | 12,039                        | 2,736               | 175                | 43                            | 166                                                | 96            | 100          | 0.64                               | 0.64                        | 1,741                         |
| 130            | 4.2              | 13,144                        | 3,130               | 140                | 60                            | ---                                                | ---           | 121          | 0.62                               | 0.63                        | 1,977                         |
| 345            | 4.1              | 11,292                        | 2,754               | 142                | 48                            | ---                                                | 126           | ---          | 0.47                               | 0.70                        | 1,938                         |
| 285            | 4.0              | 8,372                         | 2,183               | 83                 | 40                            | ---                                                | ---           | ---          | 0.50                               | 0.63                        | 1,368                         |
| 378            | 4.0              | 11,536                        | 2,884               | 200                | 52                            | 172                                                | ---           | ---          | 0.83                               | 0.85                        | 2,457                         |
| 188            | 3.8              | 12,938                        | 3,405               | 167                | 40                            | 192                                                | ---           | 95           | 0.50                               | 0.63                        | 2,160                         |
| 361            | 3.8              | 14,622                        | 3,848               | 167                | 47                            | 145                                                | ---           | 86           | ---                                | 0.47                        | 1,820                         |
| 211            | 3.7              | 9,548                         | 2,581               | 100                | 108                           | 142                                                | 117           | ---          | 0.50                               | 0.68                        | 1,753                         |
| 324            | 3.6              | 9,270                         | 2,575               | 125                | 57                            | 178                                                | ---           | 84           | 0.63                               | 0.75                        | 1,934                         |
| 375            | 3.6              | 11,613                        | 3,226               | 125                | 88                            | 122                                                | ---           | ---          | 0.46                               | 0.54                        | 1,750                         |
| 340            | 3.5              | 8,625                         | 2,464               | 200                | 38                            | 160                                                | ---           | 119          | 0.72                               | 0.80                        | 1,983                         |
| 359            | 3.5              | 11,283                        | 3,224               | 124                | 68                            | 176                                                | ---           | ---          | ---                                | 0.67                        | 2,169                         |
| 344            | 3.4              | 11,345                        | 3,337               | 167                | 67                            | 174                                                | ---           | ---          | 0.78                               | 0.68                        | 2,276                         |
| 376            | 3.4              | 5,640                         | 1,659               | 150                | 34                            | ---                                                | ---           | ---          | 0.56                               | 1.21                        | 2,004                         |
| 165            | 3.3              | 10,403                        | 3,152               | 175                | 61                            | 167                                                | ---           | ---          | 0.73                               | 0.71                        | 2,253                         |
| 24             | 3.0              | 8,621                         | 2,973               | 60                 | 81                            | 151                                                | ---           | 116          | 0.44                               | 0.53                        | 1,535                         |
| 166            | 2.9              | 8,382                         | 2,890               | 167                | 56                            | 151                                                | ---           | ---          | 0.61                               | 0.71                        | 2,060                         |
| 171            | 2.9              | 8,641                         | 2,980               | 125                | 47                            | 145                                                | ---           | ---          | ---                                | 0.56                        | 1,667                         |
| 377            | 2.9              | 9,366                         | 3,230               | 150                | 69                            | 89                                                 | ---           | 63           | ---                                | 0.47                        | 1,529                         |
| 370            | 2.8              | 7,153                         | 2,555               | 150                | 30                            | 107                                                | 104           | ---          | ---                                | 0.63                        | 1,605                         |
| 380            | 2.8              | 8,658                         | 3,092               | 150                | 56                            | ---                                                | 119           | ---          | 0.60                               | 0.59                        | 1,810                         |
| 200            | 2.7              | 8,445                         | 3,128               | 150                | 51                            | ---                                                | ---           | ---          | 0.50                               | 0.57                        | 1,773                         |
| 310            | 2.7              | 7,003                         | 2,594               | 100                | 91                            | ---                                                | ---           | 125          | 0.41                               | 0.65                        | 1,685                         |
| 379            | 2.7              | 7,060                         | 2,615               | 150                | 36                            | ---                                                | 106           | ---          | 0.52                               | 0.75                        | 1,969                         |
| 185            | 2.6              | 7,262                         | 2,793               | 146                | 41                            | 176                                                | ---           | ---          | 0.53                               | 0.80                        | 2,222                         |
| 371            | 2.6              | 6,821                         | 2,623               | 125                | 56                            | ---                                                | ---           | 89           | 0.50                               | 0.56                        | 1,468                         |
| 288            | 2.4              | 8,386                         | 3,494               | 150                | 59                            | 155                                                | 65            | ---          | 0.67                               | 0.59                        | 2,048                         |
| 355            | 2.4              | 9,105                         | 3,794               | 167                | 52                            | 125                                                | 81            | ---          | ---                                | 0.50                        | 1,894                         |

- Continued -

## Factors from 52 LABOR Accounts, 1945

- continued -

| Farm number                                                                 | No. of men | Total hours per farm | Hours per men | Average cost per month for regular hired men |                      |                       |            |           | Cost per hour for help | Average cost per hour for all labor | Average cost per man |
|-----------------------------------------------------------------------------|------------|----------------------|---------------|----------------------------------------------|----------------------|-----------------------|------------|-----------|------------------------|-------------------------------------|----------------------|
|                                                                             |            |                      |               | Farm operator wage per mo.                   | privi- leges per mo. | wage and privi- leges | wage board | wage only |                        |                                     |                      |
|                                                                             | men        | hours                | hours         | \$                                           | \$                   | \$                    | \$         | \$        | \$                     | \$                                  | \$                   |
| 369                                                                         | 2.4        | 6,372                | 2,655         | 100                                          | 43                   | 86                    | ---        | ---       | ---                    | 0.51                                | 1,354                |
| 146                                                                         | 2.1        | 5,183                | 2,468         | 150                                          | 67                   | 197                   | ---        | ---       | 0.58                   | 0.88                                | 2,164                |
| 354                                                                         | 2.1        | 5,840                | 2,781         | 100                                          | 67                   | ---                   | 98         | ---       | 0.50                   | 0.57                                | 1,593                |
| 374                                                                         | 2.1        | 5,967                | 2,841         | 125                                          | 51                   | 161                   | ---        | ---       | 0.60                   | 0.71                                | 2,016                |
| 281                                                                         | 2.0        | 7,867                | 3,934         | 125                                          | 46                   | ---                   | ---        | ---       | 0.44                   | 0.45                                | 1,780                |
| 362                                                                         | 2.0        | 7,956                | 3,978         | 175                                          | 83                   | 169                   | ---        | 127       | ---                    | 0.65                                | 2,578                |
| 373                                                                         | 1.8        | 5,747                | 3,193         | 175                                          | 53                   | ---                   | 108        | ---       | ---                    | 0.68                                | 2,163                |
| 309                                                                         | 1.7        | 4,777                | 2,810         | 100                                          | 67                   | 132                   | ---        | ---       | 0.50                   | 0.63                                | 1,780                |
| 145                                                                         | 1.6        | 4,623                | 2,889         | 100                                          | 60                   | ---                   | ---        | 86        | 0.57                   | 0.55                                | 1,593                |
| 139                                                                         | 1.4        | 7,413                | 5,295         | 167                                          | 103                  | ---                   | ---        | 105       | ---                    | 0.51                                | 2,687                |
| 327                                                                         | 1.4        | 3,588                | 2,563         | 100                                          | 33                   | ---                   | ---        | ---       | 0.56                   | 0.63                                | 1,616                |
| 202                                                                         | 1.3        | 3,642                | 2,802         | 69                                           | 47                   | ---                   | 112        | 12        | ---                    | 0.44                                | 1,240                |
| 135                                                                         | 1.2        | 2,313                | 1,928         | 100                                          | 85                   | ---                   | ---        | ---       | 0.35                   | 1.03                                | 1,990                |
| 338                                                                         | 1.1        | 3,388                | 3,080         | 75                                           | 43                   | ---                   | ---        | ---       | 0.60                   | 0.45                                | 1,390                |
| Averages for 1945, by thirds according to number of men, weighted by farms: |            |                      |               |                                              |                      |                       |            |           |                        |                                     |                      |
| High                                                                        | 5.3        | 14,156               | 2,720         | 154                                          | 52                   | 171                   | 121        | 103       | 0.61                   | 0.72                                | 1,880                |
| Medium                                                                      | 3.1        | 8,751                | 2,852         | 142                                          | 57                   | 150                   | 110        | 101       | 0.58                   | 0.68                                | 1,896                |
| Low                                                                         | 1.9        | 5,823                | 3,125         | 124                                          | 60                   | 146                   | 93         | 102       | 0.50                   | 0.61                                | 1,844                |
| Averages, all farms, weighted by number of men:                             |            |                      |               |                                              |                      |                       |            |           |                        |                                     |                      |
| 1945                                                                        | 3.4        | 9,665                | 2,801         | 140                                          | 52                   | 161                   | 111        | 100       | 0.59                   | 0.67                                | 1,887                |
| 1944                                                                        | 3.6        | 10,369               | 2,914         | 136                                          | 53                   | 142                   | 110        | 103       | 0.61                   | 0.63                                | 1,836                |
| 1943                                                                        | 3.8        | 11,263               | 2,992         | 124                                          | 50                   | 123                   | 97         | 107       | 0.46                   | 0.53                                | 1,594                |
| 1942                                                                        | 3.6        | 10,719               | 2,958         | 91                                           | 45                   | 108                   | 85         | 78        | 0.41                   | 0.43                                | 1,271                |
| 1941                                                                        | 3.5        | 10,249               | 2,939         | 79                                           | 38                   | 82                    | 73         | 64        | 0.32                   | 0.36                                | 1,060                |

Factors from 31 HORSE Accounts, 1945  
(Arranged by hours worked per horse)

| Farm<br>number | Horses<br>per<br>farm | Average per horse |       |        |      |                                | Cost<br>per<br>hour |
|----------------|-----------------------|-------------------|-------|--------|------|--------------------------------|---------------------|
|                |                       | hours             | value | grain  | hay  | Cost of<br>feed and<br>bedding |                     |
|                |                       | hours             | \$    | pounds | tons | \$                             | \$                  |
| 139            | 2.0                   | 1,043             | 169   | 500    | 2.0  | 74                             | 16                  |
| 370            | 2.0                   | 877               | 245   | 675    | 3.0  | 88                             | 25                  |
| 24             | 2.5                   | 751               | 136   | 1,584  | 4.0  | 142                            | 33                  |
| 361            | 2.1                   | 710               | 119   | 3,895  | 1.0  | 130                            | 36                  |
| 200            | 2.0                   | 673               | 148   | 480    | 3.5  | 84                             | 25                  |
| 355            | 2.0                   | 650               | 95    | 2,295  | 6.0  | 196                            | 50                  |
| 281            | 4.0                   | 633               | 158   | 420    | 3.2  | 86                             | 27                  |
| 377            | 3.1                   | 598               | 111   | 1,218  | 1.9  | 65                             | 26                  |
| 362            | 3.0                   | 554               | 133   | 2,347  | 3.3  | 99                             | 40                  |
| 185            | 4.0                   | 535               | 181   | 608    | 4.0  | 81                             | 27                  |
| 379            | 4.0                   | 523               | 91    | 1,012  | 4.0  | 91                             | 37                  |
| 149            | 8.5                   | 495               | 167   | 351    | 3.2  | 67                             | 21                  |
| 174            | 4.0                   | 474               | 118   | 2,650  | 5.0  | 204                            | 63                  |
| 130            | 5.7                   | 470               | 100   | 1,298  | 3.2  | 107                            | 42                  |
| 344            | 3.0                   | 440               | 164   | 167    | 2.7  | 47                             | 37                  |
| 309            | 2.1                   | 440               | 117   | 3,048  | 2.4  | 120                            | 52                  |
| 170            | 4.0                   | 439               | 204   | 250    | 3.0  | 111                            | 36                  |
| 165            | 1.7                   | 431               | 42    | 320    | 1.8  | 58                             | 23                  |
| 285            | 2.0                   | 430               | 100   | 500    | 2.0  | 64                             | 49                  |
| 373            | 2.0                   | 417               | 35    | 1,574  | 2.5  | 80                             | 31                  |
| 315            | 2.0                   | 366               | 100   | 2,550  | 1.5  | 104                            | 69                  |
| 374            | 2.0                   | 326               | 98    | 500    | 3.0  | 66                             | 45                  |
| 371            | 2.0                   | 316               | 54    | 64     | 3.0  | 84                             | 55                  |
| 345            | 2.0                   | 304               | 162   | -----  | 4.0  | 108                            | 72                  |
| 331            | 2.0                   | 254               | 138   | 1,150  | 1.5  | 54                             | 66                  |
| 338            | 2.0                   | 236               | 125   | 525    | 3.0  | 36                             | 34                  |
| 316            | 2.0                   | 226               | 50    | 2,124  | 2.0  | 104                            | 93                  |
| 202            | 2.8                   | 229               | 103   | 221    | 2.5  | 47                             | 42                  |
| 324            | 3.0                   | 205               | 117   | 2,400  | 2.0  | 110                            | 85                  |
| 171            | 2.5                   | 193               | 102   | 720    | 1.6  | 44                             | 74                  |
| 375            | 2.0                   | 109               | 100   | 700    | 1.0  | 52                             | 96                  |

Averages for 1945, by thirds according to hours worked per horse, weighted by farms:

|        |     |     |     |       |     |     |    |
|--------|-----|-----|-----|-------|-----|-----|----|
| High   | 2.8 | 686 | 144 | 1,367 | 3.3 | 103 | 31 |
| Medium | 3.5 | 440 | 115 | 1,271 | 2.7 | 96  | 42 |
| Low    | 2.2 | 240 | 105 | 840   | 2.4 | 70  | 66 |

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

|      |     |     |     |       |     |    |    |
|------|-----|-----|-----|-------|-----|----|----|
| 1945 | 2.8 | 463 | 122 | 1,107 | 3.0 | 91 | 38 |
| 1944 | 2.7 | 440 | 126 | 1,178 | 3.2 | 97 | 44 |
| 1943 | 2.9 | 516 | 128 | 1,378 | 3.1 | 83 | 32 |
| 1942 | 2.8 | 510 | 126 | 1,492 | 3.0 | 76 | 28 |
| 1941 | 2.6 | 608 | 132 | 1,703 | 3.3 | 77 | 25 |

Factors from 59 TRACTOR Accounts, 1945  
(Arranged by hours of use)

| Farm<br>number | Size<br>of<br>tractor* | 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 |
|----------------|------------------------|-------------------------|------------------------------------------|--------------------|--------------|---------------|-----------------------------------|-----------------------------------|------------------------------------------|
|                |                        | Average<br>value        | depre-<br>ciation<br>and cash<br>repairs | fuel<br>and<br>oil | all<br>other | total<br>cost |                                   |                                   |                                          |
|                |                        | \$                      | \$                                       | \$                 | \$           | \$            | gallons                           | hours                             | \$                                       |
| 380            | 2                      | 1,051                   | 6                                        | 163                | 118          | 287           | 1.1                               | 1,262                             | 0.23                                     |
| 379            | 2                      | 500                     | 101                                      | 315                | 77           | 493           | 1.6                               | 1,135                             | 0.43                                     |
| 163            | 3,2                    | 700                     | 163                                      | 155                | 84           | 402           | 1.1                               | 1,012                             | 0.40                                     |
| 24             | 3                      | 550                     | 169                                      | 157                | 52           | 378           | 1.2                               | 799                               | 0.47                                     |
| 211            | 3,2,2                  | 850                     | 99                                       | 201                | 100          | 400           | 1.5                               | 777                               | 0.51                                     |
| 200            | 2                      | 300                     | 121                                      | 60                 | 68           | 249           | 0.8                               | 752                               | 0.33                                     |
| 368            | 2,2                    | 675                     | 85                                       | 131                | 91           | 307           | 1.4                               | 751                               | 0.41                                     |
| 316            | 3                      | 450                     | 157                                      | 209                | 292          | 658           | 2.3                               | 747                               | 0.88                                     |
| 135            | 2                      | 500                     | 39                                       | 133                | 347          | 519           | 1.4                               | 744                               | 0.70                                     |
| 375            | 2                      | 675                     | 19**                                     | 167                | 251          | 399           | 1.2                               | 730                               | 0.55                                     |
| 267            | 3,2,2                  | 817                     | 100                                      | 167                | 76           | 343           | 1.7                               | 730                               | 0.47                                     |
| 315            | 2                      | 400                     | 58                                       | 166                | 142          | 366           | 1.5                               | 729                               | 0.50                                     |
| 188            | 2                      | 1,292                   | 208                                      | 142                | 92           | 442           | 1.1                               | 712                               | 0.62                                     |
| 315            | 2                      | 950                     | 112                                      | 133                | 134          | 379           | 1.3                               | 710                               | 0.53                                     |
| 376            | 2                      | 1,000                   | 220                                      | 57                 | 62           | 339           | 0.6                               | 692                               | 0.49                                     |
| 186            | 2,2,2                  | 538                     | 181                                      | 139                | 47           | 367           | 1.5                               | 678                               | 0.54                                     |
| 165            | 3,3                    | 1,008                   | 198                                      | 141                | 76           | 415           | 1.4                               | 664                               | 0.63                                     |
| 316            | 3                      | 475                     | 208                                      | 194                | 168          | 570           | 1.5                               | 659                               | 0.86                                     |
| 166            | 3,3                    | 675                     | 128                                      | 131                | 101          | 360           | 1.4                               | 656                               | 0.55                                     |
| 285            | 2                      | 550                     | 47                                       | 138                | 62           | 247           | 1.7                               | 635                               | 0.39                                     |
| 288            | 1,3                    | 523                     | 74                                       | 62                 | 21           | 157           | 0.5                               | 634                               | 0.25                                     |
| 377            | 2                      | 538                     | 105                                      | 90                 | 66           | 261           | 1.1                               | 631                               | 0.41                                     |
| 354            | 1                      | 910                     | 9                                        | 82                 | 51           | 142           | 1.0                               | 628                               | 0.23                                     |
| 371            | 1                      | 218                     | 51                                       | 94                 | 45           | 190           | 1.0                               | 624                               | 0.30                                     |
| 359            | 2                      | 525                     | 153                                      | 167                | 92           | 412           | 1.8                               | 621                               | 0.66                                     |
| 149            | 2                      | 550                     | 224                                      | 228                | 107          | 559           | 2.0                               | 618                               | 0.90                                     |
| 369            | 2                      | 912                     | 162                                      | 181                | 117          | 460           | 2.0                               | 615                               | 0.75                                     |
| 361            | 1,2                    | 1,149                   | 66                                       | 156                | 58           | 280           | 1.7                               | 599                               | 0.47                                     |
| 170            | 2,2                    | 300                     | 146                                      | 118                | 65           | 329           | 1.4                               | 550                               | 0.60                                     |
| 327            | 2                      | 400                     | ---                                      | 86                 | 45           | 131           | 1.0                               | 548                               | 0.24                                     |
| 146            | 3,1                    | 1,114                   | 137                                      | 121                | 68           | 326           | 1.2                               | 544                               | 0.60                                     |
| 316            | 3                      | 1,125                   | 160                                      | 116                | 88           | 364           | 1.2                               | 542                               | 0.67                                     |
| 324            | 1,3                    | 1,385                   | 35                                       | 86                 | 125          | 246           | 1.2                               | 538                               | 0.46                                     |
| 374            | 3                      | 1,104                   | 44                                       | 161                | 82           | 287           | 1.7                               | 521                               | 0.55                                     |
| 371            | 2                      | 562                     | 295                                      | 121                | 99           | 515           | 1.3                               | 521                               | 0.99                                     |
| 170            | 1                      | 62                      | 58                                       | 60                 | 31           | 149           | 0.7                               | 516                               | 0.29                                     |
| 345            | 2                      | 510                     | 98                                       | 109                | 88           | 295           | 1.2                               | 515                               | 0.57                                     |
| 378            | 3,3                    | 620                     | 74                                       | 78                 | 132          | 284           | 1.1                               | 485                               | 0.58                                     |
| 130            | 2,2                    | 675                     | 217                                      | 98                 | 59           | 374           | 1.6                               | 466                               | 0.80                                     |
| 359            | 2                      | 525                     | 101                                      | 147                | 73           | 321           | 2.1                               | 461                               | 0.70                                     |
| 340            | 1                      | 135                     | 36                                       | 34                 | 30           | 100           | 0.4                               | 447                               | 0.22                                     |
| 145            | 2                      | 262                     | 39                                       | 68                 | 23           | 130           | 1.0                               | 437                               | 0.30                                     |
| 344            | 3                      | 1,200                   | 15                                       | 71                 | 176          | 262           | 1.7                               | 427                               | 0.61                                     |
| 188            | 3                      | 600                     | 31                                       | 131                | 52           | 214           | 1.7                               | 425                               | 0.50                                     |
| 310            | 2                      | 313                     | 10                                       | 105                | 42           | 157           | 1.8                               | 420                               | 0.37                                     |

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## Factors from 59 TRACTOR Accounts, 1945

- continued -

| Farm number | Size of tractor* | Annual cost per tractor |                               |              |           |            | Gallons of fuel per hour | Hours of use per tractor | Average cost per hour of use |
|-------------|------------------|-------------------------|-------------------------------|--------------|-----------|------------|--------------------------|--------------------------|------------------------------|
|             |                  | Average value           | depreciation and cash repairs | fuel and oil | all other | total cost |                          |                          |                              |
|             |                  | \$                      | \$                            | \$           | \$        | \$         | gallons                  | hours                    | \$                           |
| 309         | 2                | 825                     | 50                            | 141          | 57        | 248        | 1.8                      | 419                      | 0.59                         |
| 344         | 2                | 325                     | 163                           | 53           | 34        | 250        | 1.4                      | 391                      | 0.64                         |
| 174         | 2,2,2            | 667                     | 160                           | 127          | 50        | 337        | 2.4                      | 378                      | 0.89                         |
| 171         | 2,3              | 914                     | 28                            | 70           | 69        | 167        | 1.2                      | 370                      | 0.45                         |
| 188         | 1                | 700                     | 117                           | 68           | 56        | 241        | 1.0                      | 363                      | 0.66                         |
| 331         | 2,2,2            | 500                     | 74                            | 87           | 32        | 193        | 1.5                      | 338                      | 0.57                         |
| 340         | 2                | 175                     | 50                            | 54           | 30        | 134        | 1.0                      | 319                      | 0.42                         |
| 376         | 2                | 162                     | 53                            | 42           | 19        | 114        | 1.0                      | 300                      | 0.38                         |
| 362         | 2,1              | 131                     | 60                            | 54           | 9         | 123        | 1.1                      | 272                      | 0.45                         |
| 370         | 2,2              | 550                     | 38                            | 67           | 125       | 230        | 1.6                      | 240                      | 0.96                         |
| 355         | 2                | 412                     | 70                            | 60           | 38        | 168        | 1.8                      | 233                      | 0.72                         |
| 202         | 1                | 450                     | 86                            | 49           | 129       | 264        | 1.6                      | 219                      | 1.21                         |
| 327         | 2                | 250                     | --                            | 43           | 34        | 77         | 2.3                      | 132                      | 0.58                         |
| 315         | 1                | 50                      | --                            | 8            | 14        | 22         | 1.1                      | 54                       | 0.41                         |

Averages for 1945, by thirds according to hours of use per tractor, weighted by farms:

|        |     |     |     |     |     |     |     |      |
|--------|-----|-----|-----|-----|-----|-----|-----|------|
| High   | 698 | 119 | 155 | 122 | 306 | 1.4 | 779 | 0.52 |
| Medium | 685 | 110 | 118 | 76  | 304 | 1.3 | 559 | 0.55 |
| Low    | 454 | 57  | 70  | 54  | 181 | 1.4 | 325 | 0.58 |

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

|      |     |     |     |    |     |     |     |      |
|------|-----|-----|-----|----|-----|-----|-----|------|
| 1945 | 602 | 101 | 117 | 80 | 298 | 1.4 | 560 | 0.53 |
| 1944 | 594 | 90  | 93  | 77 | 260 | 1.4 | 530 | 0.54 |
| 1943 | 575 | 84  | 113 | 62 | 259 | 1.3 | 547 | 0.47 |
| 1942 | 609 | 89  | 113 | 58 | 260 | 1.5 | 502 | 0.52 |
| 1941 | 570 | 81  | 101 | 45 | 227 | 1.5 | 508 | 0.45 |

\* The figures indicate the size of each tractor in terms of the number of plow shares usually pulled. Of the 83 tractors, 12 were one-plow, 51 were two-plow, and 20 were three-plow. Farms 163, 211, 368, 267, 186, 165, 166, 288, 361, 170, 146, 324, 378, 130, 174, 171, 331, 362, 370 had more than one tractor, but the cost records were not separated by machines. Farms 188, 315, 316, 327, 340, 344, 359, 371, 376 had two or three tractors but had separate accounts for each tractor.

\*\* Appreciation

Factors from 49 TRUCK Accounts, 1945  
(Arranged by cost per truck)

| Farm<br>number | Size<br>of<br>each<br>truck | Annual cost per truck |                                          |                    |              |               | Miles<br>of use<br>per<br>truck | Miles<br>per<br>gallon<br>of gas | Average<br>cost<br>per<br>mile<br>of use |
|----------------|-----------------------------|-----------------------|------------------------------------------|--------------------|--------------|---------------|---------------------------------|----------------------------------|------------------------------------------|
|                |                             | Average<br>value      | depre-<br>ciation<br>and cash<br>repairs | fuel<br>and<br>oil | all<br>other | total<br>cost |                                 |                                  |                                          |
|                |                             | \$                    | \$                                       | \$                 | \$           | \$            | miles                           | miles                            | ¢                                        |
| 149            | L                           | 1,425                 | 330                                      | 275                | 492          | 1,097         | 9,078                           | 6                                | 12.1                                     |
| 316            | S                           | 300                   | 442                                      | 225                | 185          | 852           | 6,731                           | 5                                | 12.7                                     |
| 368            | L,S                         | 1,422                 | 257                                      | 159                | 189          | 605           | 3,088                           | 4                                | 19.6                                     |
| 285            | S                           | 1,054                 | 231                                      | 170                | 175          | 576           | 10,699                          | 11                               | 5.4                                      |
| 344            | L                           | 650                   | 237                                      | 127                | 178          | 542           | 7,052                           | 10                               | 7.7                                      |
| 316            | L                           | 262                   | 107                                      | 114                | 312          | 533           | 3,266                           | 5                                | 16.3                                     |
| 170            | L,L                         | 169                   | 173                                      | 111                | 222          | 506           | 3,576                           | 5                                | 14.2                                     |
| 186            | L                           | 450                   | 220                                      | 164                | 112          | 496           | 8,800                           | 10                               | 5.6                                      |
| 380            | L                           | 312                   | 103                                      | 58                 | 233          | 394           | 2,468                           | 7                                | 16.0                                     |
| 376            | L                           | 325                   | 100                                      | 178                | 101          | 379           | 4,000                           | 4                                | 9.5                                      |
| 373            | S                           | 195                   | 213                                      | 95                 | 67           | 375           | 6,350                           | 14                               | 5.9                                      |
| 174            | L,L,L,S                     | 717                   | 144                                      | 80                 | 116          | 340           | 2,430                           | 4                                | 14.0                                     |
| 315            | L                           | 525                   | 125                                      | 91                 | 123          | 339           | 3,834                           | 8                                | 8.8                                      |
| 331            | L                           | 638                   | 133                                      | 89                 | 114          | 336           | 2,511                           | 6                                | 13.4                                     |
| 166            | L                           | 212                   | 188                                      | 74                 | 62           | 324           | 1,145                           | 3                                | 28.3                                     |
| 338            | S                           | 450                   | 60                                       | 77                 | 170          | 307           | 4,675                           | 12                               | 6.6                                      |
| 362            | L                           | 125                   | 116                                      | 59                 | 130          | 305           | 2,061                           | 6                                | 14.8                                     |
| 378            | L                           | 100                   | 94                                       | 39                 | 172          | 305           | 2,222                           | 9                                | 13.7                                     |
| 163            | S,S                         | 194                   | 108                                      | 108                | 75           | 291           | 6,568                           | 11                               | 4.4                                      |
| 375            | S,L                         | 362                   | 106                                      | 35                 | 142          | 283           | -----*                          | ---                              | ---                                      |
| 377            | L,L                         | 250                   | 106                                      | 73                 | 93           | 272           | 3,109                           | 7                                | 8.8                                      |
| 188            | S                           | 150                   | 75                                       | 50                 | 140          | 265           | 2,725                           | 10                               | 9.7                                      |
| 146            | S                           | 200                   | 63                                       | 82                 | 113          | 258           | 4,600                           | 12                               | 5.6                                      |
| 374            | L                           | 600                   | 98                                       | 92                 | 65           | 255           | 5,300                           | 11                               | 4.8                                      |
| 340            | S                           | 176                   | 96                                       | 51                 | 108          | 255           | 1,558                           | 5                                | 16.4                                     |
| 135            | S                           | 200                   | 105                                      | 73                 | 57           | 235           | 3,308                           | 8                                | 7.1                                      |
| 345            | S,L                         | 150                   | 78                                       | 62                 | 94           | 234           | 2,734                           | 8                                | 8.6                                      |
| 165            | S                           | 240                   | 90                                       | 70                 | 72           | 232           | 3,467                           | 10                               | 6.7                                      |
| 145            | S                           | 68                    | 52                                       | 68                 | 111          | 231           | 2,810                           | 8                                | 8.2                                      |
| 267            | S,L                         | 381                   | 31                                       | 74                 | 123          | 228           | 2,178                           | 6                                | 10.4                                     |
| 281            | S                           | 270                   | 124                                      | 35                 | 69           | 228           | 2,390                           | 12                               | 9.5                                      |
| 327            | L                           | 250                   | 62                                       | 33                 | 119          | 214           | 1,242                           | 7                                | 1.7                                      |
| 361            | L                           | 475                   | 67                                       | 38                 | 109          | 214           | 3,241                           | 15                               | 6.6                                      |
| 315            | S                           | 300                   | 55                                       | 61                 | 96           | 212           | 4,400                           | 13                               | 4.8                                      |
| 371            | L                           | 188                   | 64                                       | 29                 | 111          | 204           | 1,662                           | 11                               | 12.3                                     |
| 139            | L                           | 238                   | 49                                       | 89                 | 63           | 201           | 2,720                           | 6                                | 7.4                                      |
| 344            | L                           | 250                   | 136                                      | 14                 | 51           | 201           | 352                             | 5                                | 57.1                                     |
| 324            | L                           | 400                   | 19                                       | 50                 | 110          | 179           | 979                             | 4                                | 18.3                                     |
| 366            | L,L,L,S                     | 505                   | 113                                      | 32                 | 32           | 177           | 1,296                           | 8                                | 13.7                                     |
| 359            | L,L,S                       | 82                    | 48                                       | 47                 | 47           | 142           | -----*                          | ---                              | ---                                      |
| 211            | L,L,S                       | 288                   | -76                                      | 55                 | 153          | 132           | 1,308                           | 4                                | 10.1                                     |
| 171            | L,L                         | 574                   | 30                                       | 45                 | 53           | 128           | 640                             | 3                                | 20.1                                     |
| 188            | L                           | 300                   | 4                                        | 37                 | 85           | 126           | 1,010                           | 5                                | 12.5                                     |

- continued -

## Factors from 49 TRUCK Accounts, 1945

- continued -

| Farm number | Size of each truck** | Annual cost per truck |                                 |              |           |            | Miles of use per truck | Miles per gallon of use | Average cost per mile of use |
|-------------|----------------------|-----------------------|---------------------------------|--------------|-----------|------------|------------------------|-------------------------|------------------------------|
|             |                      | Average Value         | depre- ciation and cash repairs | Fuel and oil | All other | total cost |                        |                         |                              |
|             |                      | \$                    | \$                              | \$           | \$        | \$         | miles                  | miles                   | ¢                            |
| 130         | L                    | 175                   | 16                              | 43           | 66        | 125        | ---                    | ---                     | ---                          |
| 188         | S                    | 450                   | 39                              | 23           | 38        | 100        | 408                    | 3                       | 24.5                         |
| 376         | S                    | 32                    | 15                              | 32           | 27        | 74         | ---                    | ---                     | ---                          |
| 145         | L                    | 38                    | 13                              | 17           | 24        | 54         | 250                    | 3                       | 21.6                         |
| 370         | L,S                  | 138                   | 8                               | 27           | 15        | 50         | 618                    | 4                       | 8.0                          |
| 324         | L                    | 100                   | --                              | 9            | 7         | 16         | ---                    | ---                     | ---                          |

Averages for 1945, by thirds according to cost per truck, weighted by farms:

|        |     |     |     |     |     |       |   |      |
|--------|-----|-----|-----|-----|-----|-------|---|------|
| High   | 569 | 191 | 130 | 179 | 500 | 4,981 | 7 | 12.3 |
| Medium | 247 | 87  | 61  | 105 | 253 | 3,095 | 9 | 8.6  |
| Low    | 254 | 33  | 38  | 62  | 133 | 1,304 | 6 | 17.5 |

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

|      |     |    |    |     |     |       |    |      |
|------|-----|----|----|-----|-----|-------|----|------|
| 1945 | 337 | 98 | 73 | 110 | 281 | 3,019 | 7  | 10.6 |
| 1944 | 259 | 77 | 74 | 104 | 255 | 3,092 | 9  | 7.5  |
| 1943 | 261 | 60 | 72 | 97  | 229 | 3,897 | 9  | 6.5  |
| 1942 | 288 | 79 | 74 | 95  | 248 | 4,035 | 10 | 6.7  |
| 1941 | 302 | 78 | 78 | 95  | 251 | 5,098 | 10 | 5.5  |

\* Mileage unknown.

\*\* The letters in the second column indicate the size of the truck. S = 1 ton or smaller. L = 1½ ton or larger.

13 farms had one account for 2 or more trucks, 6 farms had 2 trucks with a separate account for each truck, 1 farm had 3 trucks with a separate account for each truck. 26 Large trucks were driven an average of 2,712 miles at a cost of \$292 or 10.8 cents per mile. 15 small trucks with known mileage were driven an average of 4,046 miles at a cost of \$294 or 7.3 cents per mile.

Factors from 30 DAIRY Accounts, 1945  
(Arranged by number of cows)

| Farm number | Size of herd | Value per cow | Feed per cow |      |        | Cost of feed and bedding per cow | Depreciation per cow | Average per 100 pounds of milk |       |
|-------------|--------------|---------------|--------------|------|--------|----------------------------------|----------------------|--------------------------------|-------|
|             |              |               | grain        | hay  | silage |                                  |                      | cost                           | value |
|             | cows         | \$            | pounds       | tons | tons   | \$                               | \$                   | \$                             | \$    |
| 188         | 67.9         | 172           | 2,888        | 2.3  | 2.6    | 136                              | 24                   | 2.91                           | 3.86  |
| 314         | 39.8         | 203           | 2,837        | 2.9  | 3.9    | 147                              | 16*                  | 2.33                           | 3.76  |
| 331         | 38.8         | 241           | 3,737        | 1.9  | 4.2    | 172                              | --                   | 2.40                           | 3.96  |
| 359         | 34.1         | 141           | 3,828        | 1.7  | 4.9    | 201                              | 21                   | 3.52                           | 4.45  |
| 375         | 33.6         | 133           | 2,544        | 2.3  | 6.3    | 159                              | 28                   | 2.84                           | 3.66  |
| 316         | 31.6         | 114           | 2,875        | 2.6  | 5.5    | 190                              | 11*                  | 4.29                           | 4.04  |
| 370         | 30.7         | 176           | 2,563        | 3.4  | 3.2    | 184                              | 33                   | 3.48                           | 3.89  |
| 362         | 29.9         | 190           | 2,979        | 3.3  | 5.3    | 206                              | 41                   | 4.50                           | 4.59  |
| 281         | 29.1         | 202           | 4,626        | 1.9  | 5.9    | 222                              | 11                   | 2.51                           | 3.99  |
| 355         | 28.9         | 165           | 3,143        | 2.3  | 3.0    | 166                              | 13                   | 2.95                           | 3.87  |
| 288         | 26.4         | 138           | 2,015        | 1.3  | 4.8    | 125                              | 11*                  | 3.64                           | 4.43  |
| 377         | 26.4         | 243           | 5,161        | 2.5  | 7.2    | 222                              | 6*                   | 2.97                           | 3.97  |
| 163         | 23.8         | 145           | 3,231        | 2.5  | 4.6    | 191                              | 18                   | 3.65                           | 3.93  |
| 374         | 22.6         | 160           | 1,943        | 2.9  | 2.8    | 131                              | 20                   | 3.31                           | 3.85  |
| 149         | 22.5         | 102           | 2,320        | 2.3  | 4.6    | 143                              | 1                    | 3.34                           | 4.07  |
| 324         | 21.3         | 122           | 2,452        | 1.7  | 4.4    | 129                              | 9*                   | 2.39                           | 3.90  |
| 165         | 21.2         | 96            | 2,498        | 1.8  | 3.9    | 156                              | 1*                   | 2.91                           | 3.94  |
| 130         | 20.5         | 141           | 3,445        | 4.0  | 4.8    | 237                              | 5*                   | 3.36                           | 3.87  |
| 354         | 20.4         | 139           | 2,249        | 2.8  | ---    | 149                              | 5                    | 3.73                           | 3.90  |
| 309         | 19.8         | 145           | 2,663        | 2.7  | 3.2    | 155                              | 22                   | 2.83                           | 3.85  |
| 145         | 18.2         | 124           | 1,209        | 0.9  | 3.9    | 84                               | 12                   | 2.46                           | 5.10  |
| 373         | 18.1         | 109           | 2,584        | 2.9  | 2.4    | 153                              | 3                    | 3.13                           | 3.81  |
| 139         | 16.0         | 252           | 3,950        | 2.6  | 2.5    | 187                              | 49*                  | 2.28                           | 4.52  |
| 166         | 15.4         | 87            | 2,388        | 2.1  | 3.8    | 158                              | 16*                  | 3.06                           | 3.88  |
| 361         | 14.3         | 197           | 3,533        | 2.4  | 5.6    | 213                              | 9                    | 3.24                           | 3.37  |
| 369         | 14.2         | 111           | 2,323        | 3.2  | 4.2    | 157                              | 1*                   | 3.73                           | 3.44  |
| 202         | 13.9         | 151           | 2,693        | 0.6  | 1.4    | 120                              | 32                   | 4.20                           | 4.59  |
| 200         | 11.1         | 120           | 1,350        | 3.8  | 3.7    | 174                              | 48                   | 5.84                           | 4.10  |
| 338         | 9.9          | 156           | 2,985        | 2.6  | ---    | 119                              | --                   | 2.25                           | 3.89  |
| 371         | 9.9          | 160           | 2,688        | 1.8  | 7.1    | 161                              | 76                   | 5.21                           | 3.41  |

Averages 1945, by thirds according to number of cows, weighted by farms:

|        |      |     |       |     |     |     |  |      |      |
|--------|------|-----|-------|-----|-----|-----|--|------|------|
| High   | 36.4 | 174 | 3,202 | 2.5 | 4.5 | 178 |  | 3.17 | 4.01 |
| Medium | 22.5 | 143 | 2,798 | 2.4 | 4.0 | 164 |  | 3.21 | 3.97 |
| Low    | 14.1 | 147 | 2,570 | 2.3 | 3.5 | 153 |  | 3.54 | 4.01 |

Annual averages, all farms, weighted by cows:

|      |      |     |       |     |     |     |    |      |      |
|------|------|-----|-------|-----|-----|-----|----|------|------|
| 1945 | 24.3 | 160 | 2,946 | 2.4 | 4.1 | 166 | 10 | 3.13 | 3.98 |
| 1944 | 23.3 | 153 | 3,042 | 2.6 | 4.9 | 168 | 11 | 3.20 | 4.02 |
| 1943 | 23.9 | 144 | 2,770 | 2.7 | 4.5 | 143 | 0  | 2.88 | 3.43 |
| 1942 | 22.1 | 126 | 2,748 | 2.5 | 4.2 | 123 | 9  | 2.19 | 2.82 |
| 1941 | 23.1 | 116 | 2,795 | 2.3 | 4.5 | 113 | 5  | 2.19 | 2.42 |

\* Indicates appreciation per cow

Factors from 30 DAIRY COW Accounts, 1945  
(Read across both pages)

| 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>\$ | Farm<br>number |
|----------------------------|-------------------|-----------------|---------------|--------------|------------------|-------------------|------------------------------|---------------------------------------|----------------|
|                            |                   | cost<br>\$      | returns<br>\$ | profit<br>\$ | per<br>cow<br>\$ | per<br>hour<br>\$ |                              |                                       |                |
| 85                         | 3.6               | 274             | 354           | 80           | 158              | 1.30              | 121                          | 5,471                                 | 188            |
| 101                        | 3.5               | 275             | 419           | 144          | 214              | 2.05              | 105                          | 5,719                                 | 344            |
| 107                        | 3.5               | 298             | 465           | 167          | 224              | 1.92              | 117                          | 6,467                                 | 331            |
| 99                         | 3.8               | 376             | 468           | 92           | 179              | 1.39              | 129                          | 3,147                                 | 359            |
| 101                        | 3.3               | 307             | 390           | 83           | 152              | 1.20              | 126                          | 2,785                                 | 375            |
| 69                         | 4.9               | 330             | 313           | -17          | 41               | 0.50              | 81                           | -542                                  | 316            |
| 93                         | 3.5               | 344             | 382           | 38           | 101              | 1.01              | 100                          | 1,169                                 | 370            |
| 85                         | 3.5               | 401             | 409           | 8            | 103              | 0.70              | 147                          | 230                                   | 362            |
| 126                        | 3.6               | 365             | 552           | 187          | 251              | 1.76              | 143                          | 5,421                                 | 281            |
| 93                         | 3.5               | 295             | 381           | 86           | 151              | 1.15              | 131                          | 2,468                                 | 355            |
| 57                         | 4.8               | 235             | 280           | 45           | 117              | 0.95              | 123                          | 1,189                                 | 288            |
| 104                        | 3.8               | 365             | 470           | 105          | 173              | 1.19              | 145                          | 2,754                                 | 377            |
| 83                         | 3.6               | 328             | 352           | 24           | 91               | 0.86              | 106                          | 560                                   | 163            |
| 77                         | 3.5               | 273             | 315           | 42           | 103              | 1.20              | 86                           | 936                                   | 374            |
| 68                         | 3.8               | 239             | 289           | 50           | 93               | 0.95              | 97                           | 1,113                                 | 149            |
| 96                         | 3.4               | 258             | 403           | 145          | 226              | 2.11              | 107                          | 3,098                                 | 324            |
| 89                         | 3.6               | 285             | 377           | 92           | 162              | 1.71              | 95                           | 1,939                                 | 165            |
| 102                        | 3.4               | 389             | 441           | 52           | 127              | 1.02              | 124                          | 1,066                                 | 130            |
| 68                         | 3.7               | 264             | 276           | 12           | 64               | 0.70              | 91                           | 240                                   | 354            |
| 92                         | 3.3               | 287             | 380           | 93           | 151              | 1.64              | 92                           | 1,842                                 | 309            |
| 65                         | 4.8               | 177             | 348           | 171          | 203              | 3.55              | 57                           | 3,116                                 | 145            |
| 97                         | 3.3               | 323             | 389           | 66           | 167              | 1.13              | 148                          | 1,193                                 | 373            |
| 109                        | 3.6               | 333             | 576           | 243          | 317              | 2.18              | 146                          | 3,895                                 | 139            |
| 80                         | 3.5               | 276             | 342           | 66           | 127              | 1.50              | 85                           | 1,020                                 | 166            |
| 95                         | 3.3               | 345             | 358           | 13           | 73               | 0.56              | 130                          | 181                                   | 361            |
| 77                         | 3.8               | 315             | 293           | -22          | 58               | 0.37              | 157                          | -313                                  | 369            |
| 64                         | 4.8               | 282             | 306           | 24           | 91               | 0.61              | 149                          | 24                                    | 202            |
| 58                         | 3.6               | 354             | 252           | -102         | -33              | -0.27             | 120                          | -1,124                                | 200            |
| 91                         | 3.7               | 227             | 376           | 149          | 201              | 1.78              | 113                          | 149                                   | 338            |
| 73                         | 3.2               | 394             | 262           | -132         | -52              | -0.36             | 143                          | -1,308                                | 371            |

Averages 1945, by thirds according to number of cows, weighted by farms:

|    |     |     |     |    |     |      |     |        |        |
|----|-----|-----|-----|----|-----|------|-----|--------|--------|
| 96 | 3.7 | 326 | 413 | 87 | 157 | 1.30 | 120 | 2,745  | High   |
| 84 | 3.7 | 292 | 358 | 66 | 131 | 1.23 | 107 | 1,474  | Medium |
| 81 | 3.8 | 303 | 350 | 47 | 115 | 2.11 | 125 | -1,622 | Low    |

Annual averages, all farms, weighted by cows:

|    |     |     |     |    |     |      |     |       |      |
|----|-----|-----|-----|----|-----|------|-----|-------|------|
| 89 | 3.7 | 303 | 379 | 76 | 145 | 1.24 | 117 | 1,852 | 1945 |
| 87 | 3.7 | 303 | 374 | 71 | 139 | 1.17 | 119 | 1,656 | 1944 |
| 81 | 3.8 | 256 | 301 | 45 | 107 | 0.84 | 127 | 1,076 | 1943 |
| 86 | 3.7 | 218 | 273 | 55 | 103 | 0.82 | 125 | 1,206 | 1942 |
| 84 | 3.8 | 201 | 220 | 19 | 60  | 0.48 | 126 | 439   | 1941 |

Factors from 29 HEIFER Accounts, 1945  
(Arranged by number of heifers)

| Farm number | Number of heifers**<br><u>heifers</u> | Average age end of year***<br><u>months</u> | Heifer equivalent raised****<br><u>number</u> | Average per heifer cost/<br><u>\$</u> | value<br><u>\$</u> |
|-------------|---------------------------------------|---------------------------------------------|-----------------------------------------------|---------------------------------------|--------------------|
| 188         | 70                                    | 20                                          | 17.2                                          | 246                                   | 157                |
| 331         | 49                                    | 15                                          | 14.8                                          | 339                                   | 212                |
| 359         | 46                                    | 17                                          | 14.8                                          | 234                                   | 125                |
| 316         | 40                                    | 17                                          | 11.6                                          | 359                                   | 231                |
| 375         | 38                                    | 16                                          | 9.4                                           | 161                                   | 119                |
| 361         | 33                                    | 21                                          | 11.2                                          | 199                                   | 211                |
| 377         | 29                                    | 14                                          | 7.2                                           | 342                                   | 205                |
| 344         | 28                                    | 16                                          | 5.9                                           | 336                                   | 193                |
| 139         | 26                                    | 16                                          | 7.5                                           | 488                                   | 250                |
| 130         | 23                                    | 21                                          | 6.2                                           | 251                                   | 125                |
| 145         | 22                                    | 20                                          | 5.2                                           | 215                                   | 104                |
| 362         | 21                                    | 21                                          | 6.5                                           | 213                                   | 161                |
| 288         | 20                                    | 16                                          | 7.0                                           | 187                                   | 100                |
| 309         | 20                                    | 16                                          | 5.5                                           | 234                                   | 150                |
| 369         | 18                                    | 18                                          | 6.3                                           | 302                                   | 90                 |
| 370         | 18                                    | 16                                          | 5.3                                           | 225                                   | 160                |
| 281         | 17                                    | 19                                          | 6.3                                           | 297                                   | 292                |
| 355         | 16                                    | 23                                          | 4.5                                           | 224                                   | 121                |
| 373         | 16                                    | 16                                          | 5.1                                           | 217                                   | 200                |
| 165         | 16                                    | 13                                          | 4.0                                           | 196                                   | 103                |
| 368         | 15                                    | 17                                          | 4.1                                           | 307                                   | 167                |
| 324         | 15                                    | 15                                          | 5.2                                           | 214                                   | 125                |
| 202         | 13                                    | 15                                          | 3.6                                           | 191                                   | 175                |
| 163         | 12                                    | 20                                          | 4.4                                           | 141                                   | 125                |
| 149         | 11                                    | 17                                          | 4.3                                           | 188                                   | ---                |
| 200         | 9                                     | 18                                          | 0.7                                           | 277                                   | 142                |
| 166         | 8                                     | 22                                          | 2.3                                           | 109                                   | 85                 |
| 338         | 6                                     | 19                                          | 1.3                                           | 231                                   | 150                |
| 354         | 5                                     | 14                                          | 1.4                                           | 288                                   | 94                 |

Averages for 1945, by thirds according to number of heifers weighted by farms:

|        |    |    |      |     |     |
|--------|----|----|------|-----|-----|
| High   | 38 | 17 | 10.6 | 296 | 183 |
| Medium | 18 | 18 | 5.6  | 231 | 148 |
| Low    | 10 | 17 | 3.0  | 216 | 118 |

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

|      |    |    |     |     |     |
|------|----|----|-----|-----|-----|
| 1945 | 23 | 18 | 6.5 | 257 | 163 |
| 1944 | 24 | 18 | 6.6 | 246 | 151 |
| 1943 | 23 | 17 | 6.8 | 197 | 143 |
| 1942 | 24 | 18 | 6.5 | 169 | 129 |
| 1941 | 24 | 18 | 6.9 | 153 | 109 |

\* None freshened during the year. \*\* Total number of heifers in the account during the year. \*\*\*At end of year, time of transfer to cow account, time of sale or death. \*\*\*\* To 27.5 months of age. / Includes cost of calf started and an adjustment for death losses.

Factors from 28 HEN Accounts, 1945  
(Arranged by number of birds)

AE 677

| Farm<br>number | Size<br>of<br>flock<br>birds | Eggs<br>per<br>hen<br>eggs | Average per bird       |                       |                   |                         | total<br>cost<br>\$ | total<br>returns<br>\$ |
|----------------|------------------------------|----------------------------|------------------------|-----------------------|-------------------|-------------------------|---------------------|------------------------|
|                |                              |                            | grain<br>fed<br>pounds | mash<br>fed<br>pounds | all<br>feed<br>\$ | depre-<br>ciation<br>\$ |                     |                        |
| 345            | 2,979                        | 218                        | 59                     | 46                    | 3.13              | 0.14                    | 5.05                | 8.59                   |
| 375            | 2,849                        | 177                        | 55                     | 34                    | 2.89              | 0.90                    | 4.92                | 6.50                   |
| 368            | 2,235                        | 160                        | 40                     | 70                    | 4.11              | 0.83                    | 6.84                | 7.26                   |
| 310            | 1,629                        | 162                        | 42                     | 46                    | 2.90              | 0.01                    | 5.44                | 6.24                   |
| 171            | 1,170                        | 115                        | 55                     | 23                    | 2.12              | 0.18                    | 5.81                | 3.71                   |
| 186            | 1,117                        | 191                        | 62                     | 54                    | 3.53              | 0.37                    | 6.29                | 6.79                   |
| 174            | 968                          | 105                        | 37                     | 44                    | 2.45              | ---                     | 3.88                | 4.17                   |
| 145            | 966                          | 105                        | 56                     | 39                    | 3.05              | 0.62                    | 4.86                | 4.07                   |
| 361            | 960                          | 184                        | 43                     | 68                    | 3.72              | 0.18*                   | 5.98                | 7.21                   |
| 324            | 918                          | 187                        | 43                     | 48                    | 2.70              | 0.12                    | 4.08                | 6.36                   |
| 119            | 908                          | 146                        | 56                     | 60                    | 3.45              | 0.96                    | 5.72                | 5.56                   |
| 211            | 889                          | 91                         | 22                     | 76                    | 3.23              | 1.01                    | 6.00                | 3.37                   |
| 354            | 884                          | 225                        | 51                     | 56                    | 4.33              | 0.32*                   | 5.59                | 8.94                   |
| 371            | 875                          | 232                        | 79                     | 68                    | 5.41              | 0.56                    | 7.60                | 9.83                   |
| 338            | 839                          | 207                        | 51                     | 38                    | 2.96              | 0.63                    | 4.99                | 7.46                   |
| 146            | 725                          | 190                        | 74                     | 42                    | 3.54              | 1.33                    | 6.45                | 6.73                   |
| 373            | 649                          | 163                        | 48                     | 40                    | 2.79              | 0.39                    | 4.15                | 6.50                   |
| 139            | 517                          | 151                        | 49                     | 59                    | 3.73              | 0.60                    | 6.22                | 6.40                   |
| 355            | 487                          | 203                        | 40                     | 60                    | 3.51              | 0.32                    | 6.23                | 8.86                   |
| 331            | 449                          | 132                        | 54                     | 39                    | 3.27              | 0.18                    | 5.93                | 4.53                   |
| 165            | 363                          | 169                        | 42                     | 73                    | 3.86              | 1.64*                   | 4.41                | 7.79                   |
| 288            | 354                          | 154                        | 36                     | 32                    | 2.44              | 0.90                    | 5.60                | 5.58                   |
| 369            | 313                          | 184                        | 61                     | 66                    | 4.64              | 0.23                    | 7.79                | 7.60                   |
| 327            | 286                          | 176                        | 35                     | 59                    | 3.28              | 0.56                    | 5.45                | 7.22                   |
| 130            | 266                          | 169                        | 72                     | 38                    | 3.36              | 1.17                    | 7.30                | 6.51                   |
| 166            | 245                          | 174                        | 70                     | 52                    | 3.96              | 0.20                    | 6.97                | 5.57                   |
| 309            | 167                          | 198                        | 74                     | 64                    | 4.20              | 0.10                    | 7.66                | 7.07                   |
| 281            | 158                          | 215                        | 68                     | 65                    | 4.39              | 0.63*                   | 5.00                | 8.38                   |

Averages for 1945, by thirds according to number of birds, weighted by farms:

|        |       |     |    |    |      |      |      |      |
|--------|-------|-----|----|----|------|------|------|------|
| High   | 1,653 | 157 | 50 | 47 | 3.10 | 0.32 | 5.23 | 6.06 |
| Medium | 800   | 177 | 53 | 54 | 3.57 | 0.59 | 5.64 | 6.79 |
| Low    | 309   | 177 | 55 | 55 | 3.69 | 0.14 | 6.23 | 6.91 |

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

|      |     |     |    |    |      |      |      |      |
|------|-----|-----|----|----|------|------|------|------|
| 1945 | 899 | 172 | 51 | 50 | 3.33 | 0.42 | 5.50 | 6.61 |
| 1944 | 936 | 174 | 59 | 50 | 3.31 | 0.49 | 5.43 | 5.97 |
| 1943 | 921 | 161 | 54 | 45 | 2.68 | 0.46 | 4.57 | 5.85 |
| 1942 | 935 | 166 | 57 | 46 | 2.42 | 0.30 | 3.92 | 5.30 |
| 1941 | 935 | 158 | 54 | 41 | 1.98 | 0.39 | 3.48 | 4.23 |

\* Indicates appreciation per hen.

| 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 | labor<br>returns | labor<br>hours |                                   | percent        |                                 |                |
| ¢                 | ¢     | \$               | hours          | \$                                |                | \$                              |                |
| 0.28              | 0.47  | 442              | 124            | 3.57                              | 11             | 10,562                          | 345            |
| 0.33              | 0.44  | 225              | 124            | 1.81                              | 15             | 4,489                           | 375            |
| 0.56              | 0.59  | 146              | 155            | 0.94                              | 14             | 936                             | 368            |
| 0.41              | 0.47  | 232              | 244            | 0.95                              | 52             | 1,299                           | 310            |
| 0.39              | 0.38  | 109              | 213            | 0.51                              | 13             | -116                            | 171            |
| 0.40              | 0.43  | 201              | 219            | 0.92                              | 15             | 553                             | 186            |
| 0.44              | 0.48  | 102              | 101            | 1.02                              | 20             | 279                             | 174            |
| 0.55              | 0.46  | -21              | 106            | -0.19                             | 30             | -764                            | 145            |
| 0.38              | 0.45  | 224              | 249            | 0.90                              | 8              | 1,007                           | 361            |
| 0.25              | 0.40  | 319              | 121            | 2.63                              | 21             | 2,090                           | 324            |
| 0.47              | 0.45  | 66               | 174            | 0.38                              | 50             | -147                            | 149            |
| 0.80              | 0.45  | -180             | 120            | -1.49                             | 24             | -2,336                          | 211            |
| 0.31              | 0.49  | 376              | 128            | 2.95                              | 4              | 2,681                           | 354            |
| 0.39              | 0.51  | 316              | 172            | 1.84                              | 19             | 1,947                           | 371            |
| 0.29              | 0.43  | 299              | 116            | 2.59                              | 32             | 2,073                           | 338            |
| 0.40              | 0.42  | 144              | 132            | 1.09                              | 42             | 201                             | 146            |
| 0.29              | 0.47  | 294              | 86             | 3.42                              | 12             | 1,527                           | 373            |
| 0.53              | 0.54  | 123              | 207            | 0.59                              | 12             | 92                              | 139            |
| 0.36              | 0.52  | 406              | 285            | 1.42                              | 32             | 1,281                           | 355            |
| 0.53              | 0.40  | -36              | 210            | -0.17                             | 11             | -627                            | 331            |
| 0.30              | 0.43  | 279              | 148            | 1.89                              | 13             | 630                             | 165            |
| 0.42              | 0.42  | 186              | 323            | 0.57                              | 40             | -7                              | 288            |
| 0.50              | 0.49  | 170              | 371            | 0.46                              | 12             | -60                             | 369            |
| 0.36              | 0.48  | 259              | 131            | 1.98                              | 15             | 506                             | 327            |
| 0.51              | 0.45  | 72               | 251            | 0.29                              | 17             | -209                            | 130            |
| 0.48              | 0.38  | 52               | 267            | 0.20                              | 35             | -342                            | 166            |
| 0.46              | 0.42  | 187              | 389            | 0.48                              | 11             | -99                             | 309            |
| 0.27              | 0.43  | 358              | 183            | 1.96                              | 15             | 434                             | 281            |

Averages for 1945, by thirds according to number of birds, weighted by farms:

|      |      |     |     |      |    |       |        |
|------|------|-----|-----|------|----|-------|--------|
| 0.42 | 0.46 | 184 | 171 | 1.16 | 20 | 2,027 | High   |
| 0.41 | 0.46 | 195 | 140 | 1.56 | 24 | 903   | Medium |
| 0.42 | 0.44 | 193 | 256 | 0.91 | 20 | 151   | Low    |

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

|      |      |     |     |      |    |       |      |
|------|------|-----|-----|------|----|-------|------|
| 0.39 | 0.46 | 211 | 166 | 1.27 | 21 | 996   | 1945 |
| 0.38 | 0.41 | 149 | 161 | 0.93 | 23 | 505   | 1944 |
| 0.34 | 0.44 | 211 | 163 | 1.29 | 27 | 1,184 | 1943 |
| 0.28 | 0.38 | 202 | 162 | 1.25 | 23 | 1,288 | 1942 |
| 0.26 | 0.32 | 132 | 168 | 0.79 | 28 | 703   | 1941 |

Factors from 26 CHICK Accounts, 1945  
(Arranged by number of chicks started)

| Farm<br>number                                                      | Number<br>started | Per cent of chicks<br>raised |          |      | Average per<br>100 chicks<br>started |       | Value<br>per<br>chick<br>started | Average<br>per mature<br>equivalent<br>cost value |      | Return<br>per<br>hour of<br>labor | Profit<br>on<br>enter-<br>prise |
|---------------------------------------------------------------------|-------------------|------------------------------|----------|------|--------------------------------------|-------|----------------------------------|---------------------------------------------------|------|-----------------------------------|---------------------------------|
|                                                                     |                   | sold                         | broilers | died | feed                                 | labor |                                  | \$                                                | \$   |                                   |                                 |
|                                                                     | number            | %                            | %        | %    | pounds                               | hours | \$                               | \$                                                | \$   | \$                                | \$                              |
| Day-old straight -run chicks:                                       |                   |                              |          |      |                                      |       |                                  |                                                   |      |                                   |                                 |
| 331                                                                 | 10,160            | 51                           | 34       | 15   | 909                                  | 17    | 16                               | 1.16                                              | 2.02 | 1.75                              | 2,158                           |
| 185                                                                 | 4,800             | 2                            | 78       | 20   | 2,324                                | 25    | 12                               | 2.31                                              | 1.20 | 0.71                              | -111                            |
| 186                                                                 | 4,700             | 23                           | 55       | 22   | 989                                  | 14    | 15                               | 0.70                                              | 1.25 | 1.69                              | 602                             |
| 354                                                                 | 3,850             | 37                           | 47       | 16   | 1,862                                | 30    | 10                               | 1.03                                              | 1.50 | 1.16                              | 667                             |
| 211                                                                 | 3,173             | 39                           | 43       | 18   | 1,988                                | 17    | 19                               | 1.09                                              | 1.25 | 1.06                              | 200                             |
| 371                                                                 | 2,800             | 56                           | 38       | 6    | 2,693                                | 23    | 20                               | 1.35                                              | 2.00 | 2.20                              | 1,028                           |
| 355                                                                 | 2,768             | 42                           | 54       | 4    | 2,371                                | 26    | 22                               | 1.05                                              | 2.00 | 2.03                              | 1,092                           |
| 171                                                                 | 2,300             | 51                           | 29       | 20   | 1,730                                | 28    | 24                               | 1.55                                              | 1.25 | 0.02                              | -348                            |
| 149                                                                 | 2,200             | 38                           | 38       | 24   | 2,208                                | 31    | 17                               | 1.81                                              | 1.43 | -0.02                             | -318                            |
| 309                                                                 | 330               | 41                           | 45       | 14   | 2,011                                | 27    | 20                               | 0.67                                              | 1.50 | 1.91                              | 112                             |
| Day-old sexed pullet chicks:                                        |                   |                              |          |      |                                      |       |                                  |                                                   |      |                                   |                                 |
| 338                                                                 | 1,000             | 96                           | 1        | 3    | 2,290                                | 37    | 28                               | 1.34                                              | 1.50 | 0.87                              | 152                             |
| 146                                                                 | 800               | 94                           | —        | 6    | 2,250                                | 30    | 30                               | 1.60                                              | 1.50 | 0.50                              | -77                             |
| 324                                                                 | 650               | 83                           | 2        | 15   | 1,862                                | 34    | 31                               | 1.56                                              | 1.00 | -0.62                             | -301                            |
| 369                                                                 | 420               | 66                           | 11       | 23   | 3,669                                | 88    | 32                               | 3.47                                              | 1.25 | -1.17                             | -618                            |
| 327                                                                 | 400               | 79                           | 7        | 14   | 1,275                                | 41    | 35                               | 1.34                                              | 2.00 | 1.89                              | 205                             |
| 130                                                                 | 350               | 91                           | —        | 9    | 3,257                                | 111   | 32                               | 2.45                                              | 2.00 | 0.23                              | -145                            |
| 373                                                                 | 306               | 69                           | 13       | 18   | 2,549                                | 37    | 27                               | 1.99                                              | 2.00 | 0.71                              | 3                               |
| 281                                                                 | 234               | 97                           | —        | 3    | 2,650                                | 56    | 23                               | 1.53                                              | 2.00 | 1.28                              | 107                             |
| 135                                                                 | 100               | 90                           | 2        | 8    | 1,000                                | 64    | 26                               | 1.48                                              | 1.50 | 1.06                              | 2                               |
| Miscellaneous chicks:                                               |                   |                              |          |      |                                      |       |                                  |                                                   |      |                                   |                                 |
| 368                                                                 | 11,983            | 89                           | 3        | 8    | 995                                  | 8     | 24                               | 2.46                                              | 2.41 | 0.47                              | -198                            |
| 375                                                                 | 8,800             | 54                           | 36       | 10   | 1,941                                | 16    | 20                               | 1.04                                              | 1.67 | 2.70                              | 3,032                           |
| 345                                                                 | 6,327             | 34                           | 60       | 6    | 1,660                                | 19    | 14                               | 0.90                                              | 1.50 | 1.79                              | 1,315                           |
| 361                                                                 | 6,200             | 40                           | 51       | 9    | 1,357                                | 26    | 21                               | 0.84                                              | 1.38 | 1.29                              | 1,311                           |
| 310                                                                 | 5,035             | 55                           | 27       | 18   | 1,928                                | 21    | 40                               | 2.04                                              | 1.16 | -1.64                             | -2,428                          |
| 174                                                                 | 3,695             | 42                           | 48       | 10   | 1,874                                | 18    | 23                               | 1.12                                              | 1.23 | 0.97                              | 160                             |
| 139                                                                 | 1,240             | 22                           | 29       | 49   | 1,468                                | 34    | 14                               | 3.16                                              | 1.93 | -0.30                             | -337                            |
| 165                                                                 | 781               | 96                           | —        | 4    | 2,215                                | 15    | 73                               | 1.71                                              | 1.73 | 0.80                              | 10                              |
| 166                                                                 | 500               | 83                           | —        | 17   | 2,360                                | 23    | 85                               | 2.39                                              | 2.25 | 0.21                              | -59                             |
| 288                                                                 | 450               | 68                           | —        | 32   | 1,436                                | 55    | 44                               | 2.13                                              | 1.50 | -0.19                             | -193                            |
| Averages, day-old straight-run chicks, weighted by number of farms: |                   |                              |          |      |                                      |       |                                  |                                                   |      |                                   |                                 |
| 1945                                                                | 3,708             | 38                           | 46       | 16   | 1,908                                | 24    | 18                               | 1.27                                              | 1.54 | 1.25                              | 508                             |
| Averages, day-old sexed pullet chicks, weighted by number of farms: |                   |                              |          |      |                                      |       |                                  |                                                   |      |                                   |                                 |
| 1945                                                                | 473               | 85                           | 4        | 11   | 2,311                                | 55    | 29                               | 1.86                                              | 1.64 | 0.53                              | -75                             |
| Averages, miscellaneous chicks, weighted by number of farms:        |                   |                              |          |      |                                      |       |                                  |                                                   |      |                                   |                                 |
| 1945                                                                | 4,501             | 58                           | 25       | 16   | 1,723                                | 24    | 36                               | 1.78                                              | 1.68 | 0.61                              | 261                             |
| Annual averages, all farms, weighted by number of birds:            |                   |                              |          |      |                                      |       |                                  |                                                   |      |                                   |                                 |
| 1945                                                                | 2,978             | 51                           | 36       | 13   | 1,645                                | 21    | 21                               | 1.44                                              | 1.64 | 1.00                              | 242                             |
| 1944                                                                | 2,292             | 55                           | 23       | 22   | 1,920                                | 22    | 23                               | 1.67                                              | 1.54 | 0.32                              | -142                            |
| 1943                                                                | 1,922             | 54                           | 28       | 18   | 1,888                                | 32    | 21                               | 1.38                                              | 1.62 | 0.87                              | 245                             |
| 1942                                                                | 2,451             | 53                           | 31       | 16   | 1,495                                | 25    | 19                               | 1.18                                              | 1.28 | 0.57                              | 107                             |
| 1941                                                                | 2,071             | 51                           | 34       | 15   | 1,495                                | 26    | 17                               | 1.02                                              | 1.06 | 0.42                              | 41                              |

## Factors from 4 INCUBATION Accounts, 1945

| Farm number                 | Eggs set number | Value per egg ¢ | Per cent hatch % | Average per 100 salable chicks hatched |          |                  |             | Return per hour of labor \$ | Profit on enterprise \$ |
|-----------------------------|-----------------|-----------------|------------------|----------------------------------------|----------|------------------|-------------|-----------------------------|-------------------------|
|                             |                 |                 |                  | net cost \$                            | value \$ | labor returns \$ | labor hours |                             |                         |
| 368                         | 166,053         | 4.9             | 59               | 10.25                                  | 17.53    | 7.70             | 0.6         | 12.25                       | 7,156                   |
| 310                         | 44,895          | 5.7             | 66               | 13.13                                  | 18.98    | 7.12             | 1.8         | 3.88                        | 1,726                   |
| 139                         | 21,590          | 6.0             | 59               | 13.19                                  | 13.98    | 1.64             | 1.7         | 0.99                        | 102                     |
| 211                         | 3,675           | 3.9             | 59               | 10.08                                  | 17.99    | 8.97             | 1.6         | 5.74                        | 172                     |
| Annual averages, all farms: |                 |                 |                  |                                        |          |                  |             |                             |                         |
| 1945                        | 59,053          | 5.1             | 60               | 11.10                                  | 17.52    | 7.06             | 1.0         | 7.17                        | 2,289                   |
| 1944                        | 42,189          | 5.6             | 59               | 12.22                                  | 18.32    | 7.00             | 1.3         | 5.37                        | 1,524                   |
| 1943                        | 72,288          | 5.1             | 66               | 9.77                                   | 15.88    | 6.72             | 1.2         | 5.84                        | 2,895                   |
| 1942                        | 32,533          | 4.4             | 71               | 9.10                                   | 13.62    | 5.26             | 1.9         | 2.79                        | 1,045                   |
| 1941                        | 29,389          | 4.1             | 64               | 9.48                                   | 14.03    | 5.17             | 2.0         | 2.60                        | 860                     |

Factors from 4 SHEEP Accounts, 1945  
(arranged by number of sheep)

| Farm number                                              | Average number Sheep | Lamb crop % | Average per sheep |            |               |                 |                       | Return per hour of labor \$ | Profit on enterprise \$ |
|----------------------------------------------------------|----------------------|-------------|-------------------|------------|---------------|-----------------|-----------------------|-----------------------------|-------------------------|
|                                                          |                      |             | Grain pounds      | hay pounds | silage pounds | Pasture cost \$ | wool labor lbs. hours |                             |                         |
| 368                                                      | 199                  | 125         | 258               | 302        | 342           | 1.15            | 7.0                   | 6.9                         | 0.51                    |
| 315                                                      | 72                   | 56          | 159               | 222        | 111           | 1.31            | 6.9                   | 5.2                         | -0.38                   |
| 327                                                      | 54                   | 81          | 4                 | 815        | ---           | 2.81            | 6.8                   | 4.6                         | -2.24                   |
| 135                                                      | 37                   | 114         | 55                | 757        | ---           | 1.46            | 7.0                   | 4.4                         | 0.37                    |
| Annual averages, all farms, weighted by number of sheep: |                      |             |                   |            |               |                 |                       |                             |                         |
| 1945                                                     | 90                   | 105         | 180               | 409        | 210           | 1.46            | 7.0                   | 6.0                         | 0.03                    |
| 1944                                                     | 84                   | 95          | 279               | 599        | 281           | 2.27            | 7.6                   | 5.2                         | -1.19                   |
| 1943                                                     | 79                   | 111         | 162               | 550        | 153           | 2.43            | 7.7                   | 6.1                         | 0.53                    |
| 1942                                                     | 80                   | 94          | 108               | 438        | 71            | 1.16            | 8.1                   | 4.3                         | 1.10                    |
| 1941                                                     | 92                   | 93          | 178               | 650        | 214           | 1.43            | 7.8                   | 4.4                         | -0.07                   |

Factors from 5 FEEDER LAMB Accounts, 1945  
(Arranged by number of lambs purchased)

| Farm<br>number                     | Lambs<br>purchased<br>number | Average<br>number<br>of days<br>fed<br>days | Mor-<br>tal-<br>ity<br>% | Average<br>per lamb<br>purchased<br>cost<br>\$ | weight<br>lbs. | Average per<br>lamb sold<br>value<br>\$ | weight<br>lbs. | Return<br>per hour<br>of labor<br>\$ | Profit<br>on<br>enter-<br>prise<br>\$ |
|------------------------------------|------------------------------|---------------------------------------------|--------------------------|------------------------------------------------|----------------|-----------------------------------------|----------------|--------------------------------------|---------------------------------------|
| 186                                | 680                          | 135                                         | 1.9                      | 9.16                                           | 52             | 15.55                                   | 88             | -0.60                                | -1,111                                |
| 170                                | 677                          | 97                                          | 3.5                      | 9.90                                           | 72             | 17.36                                   | 92             | 0.03                                 | -906                                  |
| 171                                | 371                          | 132                                         | 11.1                     | 7.54                                           | 56             | 14.78                                   | 82             | -0.81                                | -580                                  |
| 379                                | 319                          | 166                                         | 5.0                      | 9.78                                           | 67             | 17.38                                   | 94             | -0.93                                | -590                                  |
| 149                                | 298                          | 165                                         | 14.8                     | 10.18                                          | 68             | 11.81                                   | 69             | -3.08                                | -1,903                                |
| <u>Annual averages, all farms:</u> |                              |                                             |                          |                                                |                |                                         |                |                                      |                                       |
| 1945                               | 469                          | 132                                         | 5.9                      | 9.33                                           | 63             | 15.79                                   | 87             | -0.87                                | -1,018                                |
| 1944                               | 638                          | 135                                         | 6.0                      | 6.55                                           | 55             | 13.10                                   | 81             | 0.37                                 | -227                                  |
| 1943                               | 613                          | 130                                         | 4.0                      | 6.78                                           | 61             | 12.47                                   | 83             | 0.23                                 | -236                                  |
| 1942                               | 651                          | 155                                         | 4.3                      | 7.75                                           | 56             | 13.16                                   | 84             | 0.74                                 | 239                                   |
| 1941                               | 582                          | 142                                         | 4.4                      | 7.11                                           | 60             | 10.98                                   | 89             | -0.23                                | -450                                  |

Factors from 17 POTATO Accounts, 1945  
(Arranged by acres of potatoes)

| Farm number | Potatoes grown<br>acres | Yield per acre<br>bu. | Cost per acre         |                            |               | Average per bushel |             | Labor per acre<br>hours | Return per hour of labor<br>\$ | Profit on enter-prise<br>\$ |
|-------------|-------------------------|-----------------------|-----------------------|----------------------------|---------------|--------------------|-------------|-------------------------|--------------------------------|-----------------------------|
|             |                         |                       | ferti-<br>lizer<br>\$ | spray<br>and<br>dust<br>\$ | growing<br>\$ | cost<br>\$         | value<br>\$ |                         |                                |                             |
| 267         | 77.6                    | 169                   | 25                    | 9                          | 128           | 1.16               | 1.43        | 68                      | 1.57                           | 3,554                       |
| 166         | 54.5                    | 165                   | 28                    | 4                          | 119           | 1.01               | 1.04        | 61                      | 0.78                           | 233                         |
| 165         | 44.8                    | 211                   | 27                    | 5                          | 123           | 0.82               | 1.23        | 64                      | 2.06                           | 3,851                       |
| 316         | 43.3                    | 182                   | 44                    | 14                         | 140           | 1.26               | 1.82        | 73                      | 2.09                           | 4,414                       |
| 163         | 42.0                    | 158                   | 35                    | 8                          | 142           | 1.31               | 1.49        | 77                      | 1.00                           | 1,175                       |
| 186         | 35.1                    | 207                   | 27                    | 10                         | 146           | 1.17               | 1.62        | 116                     | 1.45                           | 3,260                       |
| 374         | 29.0                    | 91                    | 20                    | 17                         | 105           | 2.05               | 1.40        | 55                      | -0.37                          | -1,725                      |
| 285         | 25.0                    | 126                   | 29                    | 17                         | 154           | 1.81               | 1.94        | 112                     | 0.78                           | 425                         |
| 344         | 24.5                    | 163                   | 21                    | 6                          | 110           | 1.25               | 1.56        | 120                     | 1.14                           | 1,242                       |
| 146         | 23.4                    | 80                    | 23                    | 14                         | 112           | 1.90               | 1.32        | 50                      | -0.06                          | -1,087                      |
| 130         | 16.0                    | 110                   | 19                    | 2                          | 119           | 1.37               | 0.89        | 96                      | 0.06                           | -830                        |
| 324         | 9.5                     | 112                   | 32                    | 4                          | 141           | 1.99               | 1.24        | 64                      | -0.57                          | -796                        |
| 149         | 9.5                     | 90                    | 27                    | 4                          | 91            | 1.42               | 1.39        | 67                      | 0.40                           | -30                         |
| 361         | 8.0                     | 111                   | 29                    | 13                         | 92            | 1.03               | 1.12        | 47                      | 0.69                           | 81                          |
| 165         | 6.0                     | 245                   | 44                    | 6                          | 210           | 1.11               | 1.12        | 102                     | 0.90                           | 122                         |
| 171         | 3.0                     | 158                   | 29                    | 7                          | 156           | 1.13               | 0.72        | 100                     | -0.09                          | -194                        |
| 145         | 2.0                     | 141                   | 17                    | 8                          | 101           | 1.13               | 1.51        | 86                      | 1.15                           | 105                         |

Averages for 1945, by thirds according to number of acres, weighted by farms:

|        |      |     |    |    |     |      |      |    |      |       |
|--------|------|-----|----|----|-----|------|------|----|------|-------|
| High   | 49.6 | 182 | 31 | 8  | 133 | 1.12 | 1.44 | 76 | 1.49 | 2,748 |
| Medium | 23.6 | 114 | 22 | 11 | 120 | 1.68 | 1.42 | 87 | 0.31 | -395  |
| Low    | 6.3  | 143 | 30 | 7  | 132 | 1.30 | 1.18 | 78 | 0.41 | -119  |

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

|      |      |     |    |    |     |      |      |    |      |       |
|------|------|-----|----|----|-----|------|------|----|------|-------|
| 1945 | 26.7 | 158 | 28 | 9  | 128 | 1.23 | 1.42 | 77 | 1.11 | 812   |
| 1944 | 31.0 | 265 | 29 | 9  | 122 | 0.73 | 1.35 | 92 | 2.46 | 5,070 |
| 1943 | 27.7 | 202 | 22 | 8  | 109 | 0.81 | 1.34 | 89 | 1.77 | 2,981 |
| 1942 | 27.4 | 280 | 21 | 10 | 87  | 0.50 | 0.89 | 95 | 1.60 | 3,009 |
| 1941 | 28.1 | 251 | 21 | 5  | 73  | 0.44 | 0.67 | 84 | 1.07 | 1,636 |

Factors from 8 CABBAGE Accounts, 1945  
(Arranged by acres of cabbage)

| (Arranged by acres of cabbage) |                           |                              |          |         |             |       |                               |             |             |                                 |
|--------------------------------|---------------------------|------------------------------|----------|---------|-------------|-------|-------------------------------|-------------|-------------|---------------------------------|
| 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       |             | Profit<br>on<br>enter-<br>prise |
|                                |                           |                              | per acre |         | per ton.    |       |                               | returns     |             |                                 |
|                                |                           |                              | cost     | returns | net<br>cost | value |                               | per<br>acre | per<br>hour |                                 |
|                                |                           |                              | \$       | \$      | \$          | \$    |                               | \$          | \$          | \$                              |
| 170                            | 24.2                      | 10.4                         | 176      | 104     | 16.95       | 9.96  | 87                            | 4           | 0.05        | -1,758                          |
| 315                            | 23.9                      | 9.4                          | 118      | 94      | 12.54       | 10.00 | 63                            | 33          | 0.53        | -570                            |
| 211                            | 23.0                      | 6.2                          | 85       | 74      | 13.65       | 11.91 | 79                            | 40          | 0.50        | -250                            |
| 149                            | 11.4                      | 10.5                         | 113      | 174     | 10.68       | 16.50 | 105                           | 108         | 1.02        | 696                             |
| 327                            | 9.0                       | 7.3                          | 158      | 87      | 21.68       | 12.00 | 91                            | -13         | -0.14       | -634                            |
| 200                            | 7.5                       | 3.1                          | 107      | 56      | 34.23       | 17.91 | 101                           | 7           | 0.07        | -382                            |
| 171                            | 4.5                       | 8.4                          | 111      | 99      | 13.18       | 11.71 | 76                            | 30          | 0.40        | -56                             |
| 324                            | 2.0                       | 8.2                          | 125      | 235     | 14.55       | 27.88 | 70                            | 162         | 2.32        | 220                             |

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

|      |      |      |     |     |       |       |     |     |      |       |
|------|------|------|-----|-----|-------|-------|-----|-----|------|-------|
| 1945 | 13.2 | 8.4  | 126 | 100 | 15.04 | 11.95 | 82  | 33  | 0.40 | -342  |
| 1944 | 9.9  | 5.8  | 144 | 202 | 24.57 | 34.57 | 92  | 122 | 1.32 | 577   |
| 1943 | 11.7 | 10.6 | 137 | 357 | 12.85 | 33.63 | 106 | 279 | 2.64 | 2,565 |
| 1942 | 10.8 | 11.8 | 104 | 139 | 8.74  | 11.69 | 104 | 80  | 0.77 | 378   |
| 1941 | 12.3 | 8.7  | 80  | 131 | 9.19  | 15.12 | 88  | 81  | 0.92 | 631   |

Factors from 8 DRY BEAN Accounts, 1945  
(Arranged by acres of beans)

| (Arranged by acres of beans) |                         |                                 |          |         |             |       |                               |             |             |                                 |
|------------------------------|-------------------------|---------------------------------|----------|---------|-------------|-------|-------------------------------|-------------|-------------|---------------------------------|
| Farm<br>number               | Beans<br>grown<br>acres | Yield<br>per<br>acre<br>bushels | Average  |         | Average     |       | Labor<br>per<br>acre<br>hours | Labor       |             | Profit<br>on<br>enter-<br>prise |
|                              |                         |                                 | per acre |         | per bushel  |       |                               | returns     |             |                                 |
|                              |                         |                                 | cost     | returns | net<br>cost | value |                               | per<br>acre | per<br>hour |                                 |
|                              |                         |                                 | \$       | \$      | \$          | \$    |                               | \$          | \$          | \$                              |
| 135                          | 25.0                    | 7                               | 39       | 26      | 5.42        | 3.54  | 14                            | 1           | 0.06        | -342                            |
| 380                          | 18.2                    | 17                              | 52       | 83      | 3.14        | 5.00  | 32                            | 50          | 1.57        | 564                             |
| 149                          | 15.0                    | 15                              | 48       | 59      | 3.15        | 3.87  | 35                            | 28          | 0.80        | 158                             |
| 130                          | 13.1                    | 17                              | 70       | 89      | 4.03        | 5.09  | 48                            | 47          | 0.95        | 243                             |
| 361                          | 11.5                    | 44                              | 91       | 219     | 1.95        | 4.90  | 52                            | 154         | 2.96        | 1,480                           |
| 211                          | 10.0                    | 11                              | 48       | 39      | 4.50        | 3.68  | 25                            | 8           | 0.34        | -87                             |
| 202                          | 8.0                     | 4                               | 50       | 20      | 13.86       | 5.34  | 12                            | -26         | -2.06       | -247                            |
| 377                          | 5.0                     | 31                              | 105      | 161     | 3.12        | 4.95  | 68                            | 89          | 1.30        | 283                             |

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

|      |      |    |    |    |      |      |    |    |       |      |
|------|------|----|----|----|------|------|----|----|-------|------|
| 1945 | 13.2 | 16 | 57 | 76 | 3.42 | 4.61 | 32 | 38 | 1.21  | 256  |
| 1944 | 11.6 | 10 | 43 | 42 | 4.03 | 3.97 | 29 | 11 | 0.38  | -7   |
| 1943 | 14.1 | 17 | 48 | 60 | 2.59 | 3.28 | 37 | 30 | 0.81  | 166  |
| 1942 | 16.9 | 18 | 37 | 50 | 1.96 | 2.69 | 25 | 24 | 0.95  | 222  |
| 1941 | 14.7 | 17 | 34 | 52 | 1.88 | 2.95 | 23 | 26 | 1.11  | 264  |
| 1940 | 16.2 | 8  | 30 | 16 | 3.81 | 2.04 | 25 | -5 | -0.22 | -219 |

Factors from 11 CANNING FACTORY PEAS Accounts, 1945  
(Arranged by acres of peas)

| Farm number | Peas grown<br>acres | Yield of<br>shelled<br>peas<br>pounds | 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 |
|-------------|---------------------|---------------------------------------|---------------------|---------|--------------------|--------|-------------------------------|------------------|-------|---------------------------------|
|             |                     |                                       | cost                | returns | cost               | value  |                               | acre             | hour  |                                 |
|             |                     |                                       | \$                  | \$      | \$                 | \$     |                               | \$               | \$    | \$                              |
| 211         | 26.0                | 2,082                                 | 66                  | 101     | 62.98              | 96.97  | 17                            | 47               | 2.77  | 920                             |
| 361         | 20.5                | 1,451                                 | 53                  | 86      | 72.83              | 118.09 | 14                            | 40               | 2.81  | 673                             |
| 186         | 19.8                | 4,187                                 | 78                  | 184     | 37.27              | 87.99  | 16                            | 118              | 7.29  | 2,102                           |
| 146         | 13.0                | 2,843                                 | 66                  | 124     | 46.70              | 86.90  | 13                            | 68               | 5.24  | 743                             |
| 315         | 9.0                 | 1,801                                 | 75                  | 79      | 82.74              | 87.92  | 16                            | 19               | 1.21  | 42                              |
| 368         | 8.0                 | 2,857                                 | 62                  | 144     | 43.74              | 56.87  | 23                            | 97               | 4.22  | 650                             |
| 379         | 7.0                 | 2,293                                 | 74                  | 101     | 64.88              | 87.92  | 23                            | 44               | 1.90  | 185                             |
| 380         | 6.0                 | 3,552                                 | 92                  | 156     | 51.68              | 87.66  | 24                            | 78               | 3.25  | 385                             |
| 171         | 4.4                 | 1,937                                 | 67                  | 85      | 69.25              | 88.03  | 19                            | 29               | 1.51  | 80                              |
| 377         | 4.0                 | 868                                   | 114                 | 48      | 248.85             | 96.55  | 19                            | -57              | -3.05 | -265                            |
| 130         | 3.0                 | 884                                   | 88                  | 39      | 197.74             | 87.97  | 36                            | -27              | -0.76 | -146                            |

Annual averages, all farms, weighted by acres:

| Year | Peas grown<br>acres | Yield<br>pounds | Average<br>cost<br>\$ | Average<br>returns<br>\$ | Average<br>cost<br>\$ | Average<br>value<br>\$ | Labor<br>per<br>acre<br>hours | Labor<br>returns<br>per<br>acre<br>\$ | Labor<br>returns<br>per<br>hour<br>\$ | Profit<br>on<br>enter-<br>prise<br>\$ |
|------|---------------------|-----------------|-----------------------|--------------------------|-----------------------|------------------------|-------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| 1945 | 11.0                | 2,443           | 70                    | 115                      | 57.20                 | 93.62                  | 18                            | 56                                    | 3.21                                  | 488                                   |
| 1944 | 10.3                | 2,368           | 65                    | 103                      | 54.64                 | 86.66                  | 18                            | 49                                    | 2.68                                  | 390                                   |
| 1943 | 16.1                | 1,318           | 52                    | 58                       | 78.50                 | 86.87                  | 12                            | 11                                    | 0.96                                  | 89                                    |
| 1942 | 10.9                | 2,199           | 50                    | 79                       | 45.85                 | 72.26                  | 19                            | 37                                    | 1.97                                  | 317                                   |
| 1941 | 11.2                | 1,556           | 42                    | 42                       | 54.02                 | 54.16                  | 15                            | 6                                     | 0.39                                  | 1                                     |

Factors from 7 CANNING FACTORY TOMATO Accounts, 1945  
(Arranged by acres of tomatoes)

| Farm number | Tomatoes grown<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 |
|-------------|-------------------------|------------------------------|---------------------|---------|--------------------|-------|-------------------------------|-------------------|-------------------|---------------------------------|
|             |                         |                              | cost                | returns | cost               | value |                               | per<br>acre<br>\$ | per<br>hour<br>\$ |                                 |
|             |                         |                              | \$                  | \$      | \$                 | \$    |                               | \$                | \$                | \$                              |
| 170         | 41.4                    | 11.4                         | 186                 | 292     | 16.30              | 25.57 | 91                            | 186               | 2.05              | 4,386                           |
| 315         | 27.0                    | 10.9                         | 165                 | 295     | 15.11              | 26.99 | 100                           | 221               | 2.22              | 3,508                           |
| 149         | 18.0                    | 8.1                          | 165                 | 201     | 20.42              | 24.95 | 153                           | 117               | 0.76              | 658                             |
| 171         | 11.3                    | 8.8                          | 164                 | 228     | 18.58              | 25.71 | 106                           | 122               | 1.16              | 713                             |
| 130         | 6.0                     | 4.3                          | 112                 | 119     | 25.81              | 27.50 | 68                            | 48                | 0.71              | 44                              |
| 379         | 5.5                     | 5.2                          | 166                 | 129     | 31.74              | 24.72 | 108                           | 42                | 0.39              | -202                            |
| 380         | 5.0                     | 8.5                          | 196                 | 214     | 22.96              | 25.09 | 165                           | 116               | 0.70              | 91                              |

Annual averages, all farms, weighted by acres:

| Year | Tomatoes grown<br>acres | Yield<br>tons | Average<br>cost<br>\$ | Average<br>returns<br>\$ | Average<br>cost<br>\$ | Average<br>value<br>\$ | Labor<br>per<br>acre<br>hours | Labor<br>returns<br>per<br>acre<br>\$ | Labor<br>returns<br>per<br>hour<br>\$ | Profit<br>on<br>enter-<br>prise<br>\$ |
|------|-------------------------|---------------|-----------------------|--------------------------|-----------------------|------------------------|-------------------------------|---------------------------------------|---------------------------------------|---------------------------------------|
| 1945 | 16.3                    | 9.7           | 171                   | 252                      | 17.60                 | 25.88                  | 107                           | 160                                   | 1.49                                  | 1,314                                 |
| 1944 | 13.1                    | 6.8           | 166                   | 174                      | 24.49                 | 25.61                  | 103                           | 86                                    | 0.84                                  | 99                                    |
| 1943 | 10.8                    | 9.5           | 162                   | 238                      | 17.12                 | 25.20                  | 125                           | 154                                   | 1.24                                  | 822                                   |
| 1942 | 10.7                    | 10.2          | 150                   | 197                      | 14.74                 | 19.42                  | 164                           | 124                                   | 0.75                                  | 510                                   |
| 1941 | 10.1                    | 12.7          | 131                   | 200                      | 10.33                 | 15.80                  | 161                           | 132                                   | 0.82                                  | 700                                   |

Factors from 7 CANNING FACTORY CORN Accounts, 1945  
(Arranged by acres of corn)

| Farm<br>number                                        | Corn<br>acres<br>grown<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<br>\$          | returns<br>\$ | cost<br>\$         | value<br>\$ |                               | per<br>acre<br>\$ | per<br>hour<br>\$ |                                       |
| 267                                                   | 50.0                            | 3.8                          | 53                  | 108           | 12.46              | 27.00       | 35                            | 78                | 2.24              | 2,768                                 |
| 379                                                   | 34.0                            | 3.4                          | 60                  | 96            | 17.93              | 28.50       | 37                            | 59                | 1.60              | 1,208                                 |
| 211                                                   | 20.3                            | 3.1                          | 55                  | 83            | 17.94              | 27.03       | 33                            | 50                | 1.55              | 569                                   |
| 380                                                   | 16.0                            | 4.0                          | 62                  | 110           | 15.01              | 26.92       | 52                            | 78                | 1.52              | 766                                   |
| 361                                                   | 9.0                             | 4.6                          | 75                  | 137           | 12.64              | 26.02       | 47                            | 87                | 1.85              | 558                                   |
| 130                                                   | 5.0                             | 1.4                          | 58                  | 43            | 41.14              | 30.86       | 39                            | 7                 | 0.18              | -72                                   |
| 146                                                   | 5.0                             | 1.6                          | 62                  | 48            | 38.62              | 29.88       | 33                            | 15                | 0.45              | -70                                   |
| <u>Annual averages, all farms, weighted by acres:</u> |                                 |                              |                     |               |                    |             |                               |                   |                   |                                       |
| 1945                                                  | 19.9                            | 3.5                          | 58                  | 99            | 15.63              | 27.36       | 38                            | 65                | 1.72              | 818                                   |
| 1944                                                  | 21.9                            | 2.4                          | 46                  | 57            | 18.43              | 22.97       | 29                            | 28                | 0.98              | 240                                   |
| 1943                                                  | 18.7                            | 2.6                          | 47                  | 72            | 17.40              | 27.09       | 36                            | 45                | 1.23              | 471                                   |

Factors from 14 APPLE Accounts, 1945  
(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 of<br>spray &<br>dust<br>materials<br>per 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.                                    | \$                                                  | \$                               | \$                 | \$                         | \$                                   | \$                              |
| 366            | 92.0                      | 42                                             | 28                       | 22                                      | 37                                                  | 118                              | 2.65               | 2.87                       | 1.32                                 | 837                             |
| 170            | 81.2                      | 4                                              | 29                       | 54                                      | 18                                                  | 84                               | 22.65              | 2.79                       | -1.59                                | -6,493                          |
| 378            | 58.8                      | 50                                             | 72                       | 32                                      | 40                                                  | 138                              | 3.37               | 4.66                       | 1.52                                 | 3,774                           |
| 315            | 58.5                      | 1                                              | 10                       | 128                                     | 12                                                  | 33                               | 54.50              | 2.26                       | -3.05                                | -2,612                          |
| 340            | 58.3                      | 34                                             | 46                       | 57                                      | 19                                                  | 103                              | 4.38               | 3.24                       | 0.30                                 | -2,283                          |
| 24             | 55.8                      | 29                                             | 53                       | 54                                      | 6                                                   | 60                               | 2.63               | 2.16                       | 0.97                                 | -757                            |
| 185            | 45.0                      | 8                                              | 30                       | 49                                      | 10                                                  | 83                               | 13.51              | 4.68                       | -0.74                                | -3,090                          |
| 376            | 34.5                      | 26                                             | 15                       | 14                                      | 13                                                  | 78                               | 3.60               | 2.36                       | -0.28                                | -1,101                          |
| 359            | 25.0                      | —                                              | 8                        | —                                       | 3                                                   | 30                               | —                  | —                          | -2.71                                | -773                            |
| 200            | 22.5                      | —                                              | 28                       | —                                       | 3                                                   | 46                               | —                  | —                          | -1.08                                | -1,025                          |
| 345            | 17.3                      | 13                                             | 24                       | 40                                      | 18                                                  | 53                               | 1.89               | 2.11                       | 0.80                                 | 52                              |
| 171            | 13.3                      | 1                                              | 26                       | —                                       | 12                                                  | 69                               | 60.87              | 1.00                       | -1.99                                | -898                            |
| 370            | 8.0                       | 7                                              | 14                       | 26                                      | 12                                                  | 35                               | 5.28               | 2.46                       | -0.58                                | -161                            |
| 149            | 5.0                       | 1                                              | 11                       | 120                                     | 2                                                   | 29                               | 19.14              | 5.43                       | -0.96                                | -96                             |

Averages for 1945, by thirds according to number of acres weighted:

|        |      |    |    |    |    |    |       |      |      |        |
|--------|------|----|----|----|----|----|-------|------|------|--------|
| High   | 69.8 | 26 | 37 | 59 | 25 | 95 | 17.51 | 3.16 | -.30 | -1,355 |
| Medium | 36.6 | 21 | 27 | 39 | 7  | 59 | 6.58  | 3.07 | -.77 | -1,349 |
| Low    | 10.9 | 6  | 19 | 62 | 11 | 46 | 21.80 | 2.75 | -.68 | -276   |

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

|      |      |     |    |    |    |    |      |      |      |        |
|------|------|-----|----|----|----|----|------|------|------|--------|
| 1945 | 41.1 | 22  | 34 | 36 | 19 | 83 | 4.44 | 3.26 | 0.27 | -1,045 |
| 1944 | 40.4 | 192 | 38 | 26 | 18 | 82 | 0.78 | 1.52 | 1.90 | 5,756  |
| 1943 | 44.5 | 174 | 34 | 24 | 14 | 72 | 0.70 | 1.61 | 2.12 | 7,086  |
| 1942 | 46.4 | 212 | 34 | 26 | 11 | 65 | 0.52 | 0.85 | 1.07 | 3,315  |
| 1941 | 37.7 | 154 | 31 | 26 | 9  | 49 | 0.52 | 0.67 | 0.63 | 870    |

Factors from OTHER FRUIT Accounts, 1945  
(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 of<br>spray &<br>dust<br>materials<br>per 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.                                    | \$                                                  | \$                               | \$                 | \$                         | \$                                   | \$                              |
| <u>3 Accounts With Pears</u> |                           |                                                |                          |                                         |                                                     |                                  |                    |                            |                                      |                                 |
| 170                          | 10.9                      | 24                                             | 16                       | 37                                      | 15                                                  | 81                               | 3.99               | 3.23                       | 0.28                                 | -204                            |
| 378                          | 9.6                       | 6                                              | 64                       | 60                                      | 11                                                  | 87                               | 16.36              | 3.48                       | -0.24                                | -721                            |
| 24                           | 4.5                       | 27                                             | 18                       | 30                                      | 7                                                   | 39                               | 1.86               | 2.58                       | 1.13                                 | 86                              |

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

|      |     |     |    |    |    |    |      |      |      |      |
|------|-----|-----|----|----|----|----|------|------|------|------|
| 1945 | 8.3 | 18  | 35 | 38 | 12 | 76 | 4.98 | 3.08 | 0.08 | -280 |
| 1944 | 7.0 | 109 | 39 | 31 | 12 | 68 | 1.03 | 1.58 | 1.32 | 426  |
| 1943 | 8.1 | 66  | 14 | 27 | 7  | 41 | 0.95 | 2.61 | 3.15 | 890  |
| 1942 | 7.6 | 97  | 18 | 38 | 3  | 33 | 0.71 | 1.30 | 1.25 | 434  |
| 1941 | 8.8 | 101 | 20 | 34 | 6  | 40 | 0.66 | 0.95 | 0.78 | 261  |

|                                |      |     |    |    |    |     |      |      |      |       |
|--------------------------------|------|-----|----|----|----|-----|------|------|------|-------|
| <u>6 Accounts With Peaches</u> |      |     |    |    |    |     |      |      |      |       |
| 170                            | 11.4 | 205 | 59 | 39 | 16 | 106 | 1.12 | 2.81 | 2.70 | 3,951 |
| 200                            | 9.0  | 114 | 6  | 25 | 7  | 30  | 0.55 | 1.65 | 2.97 | 1,127 |
| 315                            | 8.0  | 224 | 39 | 26 | 10 | 67  | 0.80 | 1.94 | 2.82 | 2,042 |
| 378                            | 7.7  | 101 | 64 | 42 | 8  | 93  | 1.65 | 2.83 | 1.74 | 911   |
| 376                            | 6.5  | 59  | 49 | 21 | 8  | 115 | 2.50 | 1.96 | 0.73 | -211  |
| 149                            | 4.0  | 122 | 28 | 30 | —  | 35  | 0.59 | 2.07 | 2.46 | 725   |

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

|      |     |     |    |     |   |    |       |      |       |       |
|------|-----|-----|----|-----|---|----|-------|------|-------|-------|
| 1945 | 7.8 | 146 | 42 | 32  | 9 | 78 | 1.05  | 2.31 | 2.39  | 1,424 |
| 1944 | 8.3 | 131 | 53 | 36  | 6 | 67 | 1.01  | 2.21 | 1.91  | 1,300 |
| 1943 | 7.4 | 3   | 12 | 116 | 2 | 29 | 12.04 | 3.49 | -0.77 | -176  |
| 1942 | 7.5 | 178 | 49 | 22  | 5 | 44 | 0.43  | 1.24 | 1.65  | 1,081 |
| 1941 | 8.4 | 128 | 43 | 24  | 5 | 42 | 0.52  | 0.92 | 0.92  | 437   |

## Factors from OTHER FRUIT Accounts, 1945

- Continued -

Continued

| Farm<br>number                                             | Orchard<br>bearing<br>age<br>acres | Average per acre |            |                           |            | Net to grower |              | Return<br>per hr.<br>of<br>labor | Profit<br>on<br>enter-<br>prise |
|------------------------------------------------------------|------------------------------------|------------------|------------|---------------------------|------------|---------------|--------------|----------------------------------|---------------------------------|
|                                                            |                                    | yield            | labor      | cost of                   | cost       | cost          | returns      |                                  |                                 |
|                                                            |                                    | per<br>acre      | to<br>grow | spray & dust<br>materials | to<br>grow | per<br>pound  | per<br>pound |                                  |                                 |
|                                                            |                                    | pounds           | hrs.       | \$                        | \$         | ¢             | ¢            |                                  |                                 |
| 4 Accounts With Cherries                                   |                                    |                  |            |                           |            |               |              |                                  |                                 |
| 315                                                        | 20.0                               | 2,286            | 3          | 12                        | 30         | 6.7           | 14.6         | 2.41                             | 3,604                           |
| 376                                                        | 8.0                                | 4,567            | 55         | 9                         | 173        | 6.1           | 7.6          | 1.73                             | 563                             |
| 170                                                        | 4.8                                | 2,928            | 51         | 36                        | 166        | 11.5          | 15.0         | 1.10                             | 487                             |
| 170*                                                       | 4.0                                | 735              | 18         | 4                         | 60         | 13.7          | 8.0          | 0.17                             | -169                            |
| Annual averages, all farms, weighted by acres of cherries: |                                    |                  |            |                           |            |               |              |                                  |                                 |
| 1945                                                       | 9.2                                | 2,697            | 22         | 14                        | 82         | 7.3           | 11.9         | 1.80                             | 1,121                           |
| 1944                                                       | 7.3                                | 3,375            | 17         | 7                         | 48         | 4.6           | 9.7          | 1.89                             | 1,243                           |
| 1943                                                       | 6.7                                | 3,410            | 19         | 11                        | 67         | 5.7           | 8.8          | 1.25                             | 718                             |
| 1942                                                       | 4.9                                | 5,626            | 28         | 6                         | 51         | 3.5           | 5.6          | 0.94                             | 584                             |
| 1941                                                       | 7.0                                | 3,491            | 11         | 7                         | 40         | 2.5           | 6.1          | 1.29                             | 875                             |

\* Sweet cherries

## Factors from 17 ALFALFA Accounts, 1945

| 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 |                               |                  |             |                                 |
|                |                                 |                              | \$       | \$      | \$      | \$    |                               | \$               | \$          | \$                              |
| 146            | 64.4                            | 1.3                          | 18       | 16      | 13      | 12    | 5                             | 3                | 0.52        | -119                            |
| 379            | 54.6                            | 2.0                          | 23       | 42      | 10      | 20    | 8                             | 26               | 3.11        | 1,076                           |
| 288            | 40.6                            | 2.1                          | 23       | 38      | 11      | 18    | 12                            | 22               | 1.86        | 604                             |
| 130            | 36.8                            | 3.7                          | 32       | 64      | 9       | 17    | 14                            | 40               | 2.93        | 1,177                           |
| 315            | 36.3                            | 1.5                          | 31       | 24      | 20      | 15    | 9                             | 2                | 0.17        | -250                            |
| 371            | 35.0                            | 1.6                          | 24       | 27      | 15      | 17    | 9                             | 8                | 0.85        | 96                              |
| 24             | 24.2                            | 1.7                          | 25       | 32      | 12      | 16    | 17                            | 16               | 0.91        | 156                             |
| 361            | 24.0                            | 1.9                          | 26       | 43      | 14      | 23    | 5                             | 19               | 4.19        | 410                             |
| 139            | 20.5                            | 3.6                          | 42       | 97      | 12      | 27    | 16                            | 63               | 4.02        | 1,126                           |
| 170            | 19.3                            | 2.7                          | 44       | 54      | 16      | 20    | 8                             | 17               | 2.11        | 192                             |
| 135            | 18.5                            | 2.3                          | 30       | 50      | 13      | 22    | 8                             | 29               | 3.62        | 378                             |
| 149            | 11.4                            | 1.4                          | 20       | 21      | 14      | 15    | 9                             | 5                | 0.56        | 12                              |
| 369            | 8.0                             | 1.2                          | 26       | 25      | 21      | 20    | 4                             | 1                | 0.17        | -10                             |
| 370            | 8.0                             | 3.8                          | 37       | 70      | 9       | 18    | 10                            | 40               | 3.84        | 267                             |
| 165            | 7.2                             | 1.1                          | 28       | 24      | 26      | 22    | 8                             | 1                | 0.13        | -32                             |
| 374            | 7.0                             | 1.4                          | 23       | 29      | 16      | 20    | 5                             | 9                | 1.79        | 37                              |
| 267            | 5.0                             | 1.4                          | 32       | 35      | 23      | 25    | 7                             | 10               | 1.36        | 17                              |

Averages for 1945, by thirds according to acres of Alfalfa, weighted by farms:

|        |      |     |    |    |    |    |    |    |      |     |
|--------|------|-----|----|----|----|----|----|----|------|-----|
| High   | 44.6 | 2.0 | 25 | 35 | 13 | 17 | 10 | 17 | 1.57 | 431 |
| Medium | 19.6 | 2.3 | 31 | 50 | 14 | 20 | 10 | 25 | 2.57 | 379 |
| Low    | 7.0  | 1.8 | 29 | 37 | 19 | 21 | 7  | 10 | 1.46 | 56  |

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

|      |      |     |    |    |    |    |    |    |      |     |
|------|------|-----|----|----|----|----|----|----|------|-----|
| 1945 | 24.8 | 2.1 | 27 | 39 | 13 | 19 | 9  | 19 | 1.99 | 302 |
| 1944 | 20.7 | 2.0 | 28 | 46 | 13 | 22 | 11 | 24 | 2.19 | 373 |
| 1943 | 23.0 | 2.3 | 28 | 39 | 12 | 17 | 12 | 17 | 1.43 | 260 |
| 1942 | 25.4 | 2.3 | 23 | 29 | 10 | 12 | 12 | 11 | 0.98 | 164 |
| 1941 | 30.2 | 1.9 | 19 | 29 | 10 | 15 | 9  | 13 | 1.43 | 306 |

Factors from 44 HAY Accounts Other than Alfalfa, 1945  
(Arranged by acres of hay)

| 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 |
|----------------|-----------------------------|------------------------------|---------------------|---------|--------------------|-------|-------------------------------|------------------|-------------|---------------------------------|
|                |                             |                              | cost                | returns | cost               | value |                               | per<br>acre      | per<br>hour |                                 |
|                |                             |                              | \$                  | \$      | \$                 | \$    |                               | \$               | \$          | \$                              |
| 188            | 109.0                       | 2.1                          | 27                  | 30      | 13                 | 14    | 8                             | 7                | 0.92        | 242                             |
| 211            | 93.0                        | 1.1                          | 23                  | 27      | 21                 | 25    | 5                             | 8                | 1.51        | 392                             |
| 375            | 85.5                        | 1.3                          | 19                  | 21      | 13                 | 15    | 4                             | 4                | 1.19        | 188                             |
| 327            | 71.8                        | 1.9                          | 27                  | 29      | 14                 | 15    | 6                             | 6                | 0.93        | 135                             |
| 344            | 62.5                        | 2.3                          | 37                  | 23      | 16                 | 10    | 9                             | -8               | -0.92       | -877                            |
| 163            | 61.3                        | 1.7                          | 22                  | 27      | 12                 | 15    | 8                             | 10               | 1.25        | 303                             |
| 359            | 61.0                        | 2.7                          | 43                  | 69      | 16                 | 26    | 19                            | 38               | 2.01        | 1,558                           |
| 362            | 52.0                        | 2.3                          | 28                  | 35      | 12                 | 15    | 11                            | 14               | 1.33        | 385                             |
| 331            | 51.6                        | 3.1                          | 40                  | 31      | 13                 | 10    | 16                            | -2               | -0.10       | -485                            |
| 149            | 47.5                        | 2.6                          | 14                  | 37      | 5                  | 14    | 7                             | 26               | 3.71        | 1,085                           |
| 281            | 47.4                        | 2.2                          | 27                  | 40      | 13                 | 19    | 9                             | 17               | 1.84        | 609                             |
| 186            | 46.5                        | 1.9                          | 27                  | 25      | 14                 | 13    | 7                             | 3                | 0.48        | -91                             |
| 24             | 45.4                        | 1.8                          | 20                  | 25      | 12                 | 14    | 11                            | 11               | 0.92        | 198                             |
| 309            | 44.5                        | 1.7                          | 21                  | 16      | 12                 | 9     | 7                             | -1               | -0.14       | -233                            |
| 166            | 41.4                        | 1.3                          | 18                  | 24      | 14                 | 19    | 8                             | 12               | 1.52        | 257                             |
| 345            | 40.4                        | 1.8                          | 42                  | 50      | 23                 | 28    | 20                            | 22               | 1.10        | 327                             |
| 370            | 39.0                        | 2.6                          | 27                  | 49      | 10                 | 18    | 10                            | 29               | 2.85        | 868                             |
| 145            | 35.7                        | 1.4                          | 25                  | 28      | 18                 | 20    | 4                             | 6                | 1.32        | 116                             |
| 368            | 35.1                        | 1.8                          | 36                  | 29      | 19                 | 15    | 10                            | ---              | ---         | -245                            |
| 369            | 35.0                        | 3.3                          | 28                  | 41      | 8                  | 12    | 8                             | 17               | 2.07        | 453                             |
| 324            | 33.6                        | 1.9                          | 31                  | 29      | 16                 | 15    | 8                             | 4                | 0.49        | -68                             |
| 361            | 32.3                        | 2.7                          | 38                  | 53      | 14                 | 20    | 8                             | 19               | 2.24        | 473                             |
| 202            | 31.0                        | 1.0                          | 19                  | 25      | 10                 | 16    | 6                             | 8                | 1.40        | 174                             |
| 174            | 29.9                        | 1.5                          | 42                  | 42      | 28                 | 28    | 6                             | 5                | 0.81        | 15                              |
| 374            | 28.0                        | 1.6                          | 29                  | 24      | 18                 | 15    | 4                             | -2               | -0.66       | -146                            |
| 377            | 27.5                        | 3.8                          | 38                  | 59      | 9                  | 15    | 15                            | 28               | 1.83        | 503                             |
| 355            | 26.1                        | 2.3                          | 41                  | 39      | 17                 | 16    | 8                             | 2                | 0.31        | -37                             |
| 355            | 25.6                        | 2.4                          | 34                  | 35      | 14                 | 14    | 8                             | 4                | 0.59        | 17                              |
| 139            | 25.2                        | 1.8                          | 18                  | 21      | 10                 | 11    | 5                             | 4                | 1.00        | 55                              |
| 316            | 24.5                        | 2.9                          | 68                  | 40      | 23                 | 14    | 19                            | -17              | -0.89       | -680                            |
| 171            | 23.0                        | 1.7                          | 19                  | 24      | 11                 | 14    | 7                             | 10               | 1.33        | 130                             |
| 373            | 21.6                        | 2.5                          | 39                  | 40      | 13                 | 13    | 14                            | 11               | 0.77        | 27                              |
| 338            | 21.5                        | 2.1                          | 26                  | 17      | 12                 | 8     | 6                             | -7               | -1.04       | -202                            |
| 170            | 20.9                        | 1.6                          | 27                  | 32      | 17                 | 20    | 5                             | 9                | 1.68        | 91                              |
| 200            | 18.5                        | 1.8                          | 39                  | 37      | 21                 | 20    | 8                             | 3                | 0.30        | -42                             |
| 165            | 15.7                        | 1.5                          | 11                  | 28      | 12                 | 18    | 6                             | 13               | 2.11        | 137                             |
| 380            | 14.5                        | 1.0                          | 18                  | 12      | 17                 | 11    | 6                             | -2               | -0.34       | -82                             |
| 285            | 13.5                        | 1.4                          | 27                  | 21      | 19                 | 15    | 11                            | 1                | 0.09        | -77                             |
| 316            | 11.6                        | 2.4                          | 54                  | 35      | 23                 | 14    | 13                            | -10              | -0.79       | -231                            |
| 165            | 10.6                        | 1.9                          | 33                  | 39      | 17                 | 20    | 9                             | 12               | 1.40        | 64                              |
| 310            | 8.9                         | 1.3                          | 35                  | 19      | 26                 | 14    | 7                             | -11              | -1.51       | -144                            |
| 376            | 8.5                         | 2.1                          | 26                  | 42      | 12                 | 20    | 2                             | 19               | 9.35        | 138                             |
| 281            | 7.4                         | 1.4                          | 20                  | 24      | 14                 | 18    | 8                             | 8                | 1.05        | 35                              |
| 376            | 7.0                         | 2.6                          | 39                  | 70      | 15                 | 27    | 8                             | 40               | 5.25        | 214                             |

- Continued -

Factors from 44 HAY Accounts Other than Alfalfa, 1945  
- 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 |
|----------------------------------------------------------------------------|-----------------------------|------------------------------|---------------------|---------|--------------------|-------|-------------------------------|------------------|-------------|---------------------------------|
|                                                                            |                             |                              | cost                | returns | cost               | value |                               | per<br>acre      | per<br>hour |                                 |
|                                                                            |                             |                              | \$                  | \$      | \$                 | \$    |                               | \$               | \$          | \$                              |
| Averages for 1945, by thirds according to acres of hay, weighted by farms: |                             |                              |                     |         |                    |       |                               |                  |             |                                 |
| High                                                                       | 61.4                        | 2.0                          | 26                  | 31      | 13                 | 16    | 9                             | 10               | 1.10        | 244                             |
| Medium                                                                     | 31.3                        | 2.2                          | 34                  | 38      | 16                 | 17    | 9                             | 9                | 0.96        | 127                             |
| Low                                                                        | 14.5                        | 1.8                          | 30                  | 31      | 17                 | 17    | 8                             | 7                | 1.40        | 4                               |
| Annual averages, all farms, weighted by acres of hay:                      |                             |                              |                     |         |                    |       |                               |                  |             |                                 |
| 1945                                                                       | 36.2                        | 2.0                          | 29                  | 33      | 14                 | 16    | 9                             | 9                | 1.02        | 128                             |
| 1944                                                                       | 35.5                        | 1.8                          | 26                  | 31      | 14                 | 17    | 8                             | 10               | 1.33        | 196                             |
| 1943                                                                       | 29.6                        | 1.9                          | 24                  | 27      | 12                 | 14    | 9                             | 8                | 0.88        | 101                             |
| 1942                                                                       | 35.6                        | 2.1                          | 22                  | 25      | 10                 | 12    | 9                             | 7                | 0.76        | 120                             |
| 1941                                                                       | 34.5                        | 1.3                          | 19                  | 21      | 13                 | 15    | 7                             | 5                | 0.77        | 96                              |

Factors from 29 CORN SILAGE Accounts, 1945  
(Arranged by acres of silage)

| Farm<br>number | Silage<br>per<br>farm | Yield<br>per<br>acre | Labor<br>per<br>ton | labor per acre |               | Cost per acre |       | Cost per          | Cost       |
|----------------|-----------------------|----------------------|---------------------|----------------|---------------|---------------|-------|-------------------|------------|
|                | acres                 | tons                 | hours               | to<br>grow     | to<br>harvest | manure        | total | ton to<br>harvest | per<br>ton |
|                |                       |                      |                     | hours          | hours         | \$            | \$    | \$                | \$         |
| 188            | 36.5                  | 8                    | 2.3                 | 5              | 12            | 18            | 59    | 2.43              | 7.84       |
| 331            | 27.8                  | 9                    | 2.9                 | 7              | 18            | 16            | 68    | 2.28              | 7.79       |
| 362            | 24.0                  | 6                    | 2.8                 | 7              | 10            | 13            | 47    | 2.59              | 7.91       |
| 149            | 23.9                  | 6                    | 4.1                 | 14             | 9             | 6             | 47    | 1.92              | 4.61       |
| 324            | 23.0                  | 5                    | 3.2                 | 7              | 10            | —             | 36    | 2.84              | 6.67       |
| 359            | 23.0                  | 10                   | 2.3                 | 3              | 20            | 10            | 47    | 1.83              | 4.75       |
| 288            | 21.2                  | 8                    | 2.7                 | 6              | 14            | 21            | 58    | 1.98              | 6.70       |
| 325            | 21.0                  | 10                   | 2.0                 | 8              | 12            | 9             | 53    | 1.67              | 5.13       |
| 370            | 20.0                  | 2                    | 6.5                 | 9              | 7             | 13            | 43    | 4.55              | 20.36      |
| 281            | 18.7                  | 10                   | 3.5                 | 18             | 18            | 20            | 83    | 2.05              | 8.05       |
| 377            | 18.5                  | 12                   | 2.1                 | 9              | 16            | 11            | 59    | 1.77              | 4.88       |
| 361            | 18.0                  | 10                   | 2.2                 | 5              | 24            | 10            | 61    | 1.60              | 4.69       |
| 316            | 17.5                  | 11                   | 3.6                 | 18             | 21            | 3             | 122   | 4.64              | 11.44      |
| 344            | 17.0                  | 5                    | 5.1                 | 11             | 15            | 13            | 74    | 4.39              | 14.72      |
| 211            | 15.0                  | 8                    | 2.8                 | 15             | 7             | 8             | 51    | 0.83              | 6.42       |
| 186            | 14.0                  | 10                   | 2.0                 | 8              | 11            | —             | 43    | 1.21              | 4.32       |
| 309            | 14.0                  | 6                    | 3.2                 | 8              | 12            | 14            | 55    | 2.40              | 8.59       |
| 355            | 13.0                  | 12                   | 2.5                 | 7              | 22            | 14            | 69    | 2.77              | 5.31       |
| 130            | 12.2                  | 7                    | 3.6                 | 13             | 14            | 9             | 70    | 3.03              | 9.40       |
| 368            | 12.1                  | 5                    | 2.9                 | 5              | 10            | 7             | 50    | 2.02              | 9.74       |
| 145            | 11.5                  | 9                    | 1.8                 | 5              | 12            | 8             | 35    | 1.35              | 3.81       |
| 374            | 10.5                  | 6                    | 2.4                 | 5              | 10            | 6             | 52    | 3.07              | 8.13       |
| 165            | 9.9                   | 7                    | 3.0                 | 10             | 12            | 6             | 68    | 1.96              | 9.38       |
| 200            | 9.9                   | 6                    | 6.7                 | 12             | 29            | —             | 73    | 5.63              | 12.02      |
| 202            | 8.5                   | 3                    | 3.9                 | 6              | 6             | 10            | 42    | 3.27              | 13.88      |
| 166            | 8.0                   | 8                    | 3.0                 | 11             | 13            | 10            | 64    | 3.11              | 7.88       |
| 163            | 7.7                   | 13                   | 2.8                 | 9              | 28            | 4             | 64    | 2.83              | 4.95       |
| 139            | 7.0                   | 9                    | 5.0                 | 20             | 23            | 19            | 86    | 3.27              | 10.03      |
| 323            | 5.5                   | 8                    | 4.8                 | 11             | 28            | —             | 88    | 4.44              | 10.18      |

Averages for 1945, by thirds according to acres of silage, weighted by farms:

|        |      |   |     |    |    |    |    |      |      |
|--------|------|---|-----|----|----|----|----|------|------|
| High   | 23.9 | 7 | 3.2 | 8  | 13 | 14 | 55 | 2.41 | 7.98 |
| Medium | 15.1 | 9 | 3.0 | 10 | 15 | 10 | 65 | 2.47 | 7.95 |
| Low    | 8.7  | 8 | 3.7 | 10 | 18 | 9  | 64 | 3.21 | 8.92 |

Averages, all farms, weighted by acres of silage:

|      |      |    |     |    |    |    |    |      |      |
|------|------|----|-----|----|----|----|----|------|------|
| 1945 | 16.2 | 8  | 2.9 | 9  | 14 | 11 | 60 | 2.40 | 7.24 |
| 1944 | 14.7 | 8  | 2.7 | 8  | 15 | 9  | 55 | 2.20 | 6.54 |
| 1943 | 13.2 | 9  | 3.0 | 10 | 17 | 9  | 53 | 2.06 | 5.79 |
| 1942 | 11.9 | 10 | 2.8 | 10 | 20 | 9  | 48 | 1.70 | 4.62 |
| 1941 | 13.2 | 9  | 3.1 | 9  | 20 | 7  | 43 | 1.67 | 4.36 |

Factors from 20 CORN FOR GRAIN Accounts, 1945  
(Arranged by acres of grain)

| 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 |                                 |
|                 |                               |                                 | \$                  | \$      | \$                    | \$    |                               | \$               | \$          | \$                              |
| 371             | 46.5                          | 38                              | 43                  | 64      | 1.14                  | 1.70  | 16                            | 30               | 1.90        | 976                             |
| 359             | 26.0                          | 29                              | 34                  | 45      | 1.18                  | 1.57  | 8                             | 17               | 2.11        | 299                             |
| 310             | 22.6                          | 35                              | 32                  | 40      | 0.90                  | 1.12  | 7                             | 13               | 1.77        | 177                             |
| 186             | 19.3                          | 41                              | 34                  | 62      | 0.81                  | 1.50  | 14                            | 40               | 2.74        | 552                             |
| 315             | 17.0                          | 38                              | 49                  | 61      | 1.27                  | 1.60  | 11                            | 23               | 2.08        | 215                             |
| 171             | 16.5                          | 8                               | 22                  | 9       | 2.84                  | 1.20  | 9                             | -7               | -0.79       | -205                            |
| 379             | 16.0                          | 56                              | 57                  | 85      | 1.01                  | 1.51  | 24                            | 47               | 1.96        | 448                             |
| 345             | 13.6                          | 4                               | 33                  | 4       | 8.96                  | 1.00  | 10                            | -22              | -2.27       | -398                            |
| 146             | 13.0                          | 50                              | 38                  | 77      | 0.76                  | 1.55  | 10                            | 48               | 4.79        | 513                             |
| 324             | 12.3                          | 41                              | 47                  | 57      | 1.16                  | 1.40  | 11                            | 18               | 1.69        | 122                             |
| 145             | 11.0                          | 41                              | 38                  | 69      | 0.92                  | 1.68  | 7                             | 35               | 5.31        | 343                             |
| 380             | 6.0                           | 35                              | 32                  | 55      | 0.90                  | 1.57  | 10                            | 29               | 2.84        | 140                             |
| 316             | 6.0                           | 33                              | 58                  | 83      | 1.72                  | 2.50  | 18                            | 39               | 2.13        | 155                             |
| 377             | 5.0                           | 69                              | 75                  | 97      | 1.10                  | 1.41  | 22                            | 32               | 1.44        | 107                             |
| 24              | 5.0                           | 40                              | 53                  | 70      | 1.32                  | 1.75  | 35                            | 36               | 1.03        | 87                              |
| 135             | 5.0                           | 40                              | 38                  | 80      | 0.94                  | 2.00  | 13                            | 56               | 4.29        | 212                             |
| 369             | 4.0                           | 31                              | 51                  | 52      | 1.62                  | 1.66  | 9                             | 6                | 0.64        | 5                               |
| 211             | 4.0                           | 38                              | 98                  | 56      | 2.61                  | 1.50  | 63                            | 1                | 0.02        | -167                            |
| 376             | 3.5                           | 31                              | 133                 | 48      | 4.11                  | 1.40  | 54                            | -20              | -0.37       | -298                            |
| 285             | 2.2                           | 23                              | 72                  | 38      | 3.16                  | 1.68  | 49                            | -3               | -0.06       | -74                             |

Averages for 1945, by thirds weighted by number of farms:

|        |      |    |    |    |      |      |    |    |      |     |
|--------|------|----|----|----|------|------|----|----|------|-----|
| High   | 23.4 | 35 | 39 | 52 | 1.31 | 1.46 | 13 | 23 | 1.68 | 352 |
| Medium | 9.6  | 39 | 46 | 63 | 2.22 | 1.59 | 13 | 26 | 2.28 | 140 |
| Low    | 4.0  | 34 | 74 | 57 | 2.29 | 1.66 | 37 | 13 | 0.92 | -39 |

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

|      |      |    |    |    |      |      |    |    |      |     |
|------|------|----|----|----|------|------|----|----|------|-----|
| 1945 | 12.7 | 35 | 43 | 55 | 1.20 | 1.56 | 14 | 23 | 1.58 | 160 |
| 1944 | 10.3 | 35 | 43 | 47 | 1.21 | 1.32 | 19 | 16 | 0.83 | 41  |
| 1943 | 10.5 | 38 | 41 | 56 | 1.01 | 1.41 | 26 | 28 | 1.09 | 157 |
| 1942 | 10.2 | 43 | 35 | 46 | 0.79 | 1.05 | 24 | 21 | 0.87 | 115 |
| 1941 | 10.0 | 39 | 35 | 41 | 0.85 | 1.01 | 33 | 18 | 0.53 | 62  |

\* Includes both hand and machine picked.

Factors from 18 OATS Accounts, 1945  
(Arranged by acres of oats)

| Farm<br>number | Grain<br>per<br>farm | Yield<br>per<br>acre | Average<br>per acre |         | Average<br>per bushel |       | Labor<br>per<br>acre | Labor<br>returns |             | Profit<br>on<br>enter-<br>prise |
|----------------|----------------------|----------------------|---------------------|---------|-----------------------|-------|----------------------|------------------|-------------|---------------------------------|
|                |                      |                      | cost                | returns | cost                  | value |                      | Per<br>acre      | per<br>hour |                                 |
|                | acres                | bushels              | \$                  | \$      | \$                    | \$    | hours                | \$               | \$          | \$                              |
| 316            | 36.0                 | 21                   | 39                  | 26      | 1.61                  | 1.00  | 9                    | -6               | -0.71       | -452                            |
| 186            | 30.5                 | 37                   | 21                  | 42      | 0.44                  | 1.00  | 7                    | 26               | 3.57        | 634                             |
| 130            | 22.2                 | 40                   | 34                  | 41      | 0.73                  | 0.92  | 17                   | 18               | 1.02        | 164                             |
| 362            | 18.0                 | 19                   | 44                  | 22      | 1.70                  | 0.59  | 14                   | -13              | -0.94       | -391                            |
| 149            | 17.0                 | 44                   | 41                  | 44      | 0.82                  | 0.89  | 11                   | 8                | 0.73        | 53                              |
| 375            | 15.5                 | 25                   | 34                  | 30      | 1.16                  | 1.00  | 12                   | 1                | 0.13        | -62                             |
| 371            | 15.0                 | 25                   | 35                  | 23      | 1.16                  | 0.70  | 12                   | -5               | -0.44       | -177                            |
| 174            | 14.3                 | 17                   | 57                  | 22      | 2.85                  | 0.86  | 10                   | -28              | -2.91       | -498                            |
| 146            | 14.0                 | 33                   | 28                  | 31      | 0.72                  | 0.80  | 8                    | 10               | 1.19        | 36                              |
| 369            | 12.0                 | 31                   | 27                  | 27      | 0.77                  | 0.75  | 7                    | 3                | 0.40        | -8                              |
| 165            | 11.1                 | 37                   | 35                  | 51      | 0.86                  | 1.30  | 10                   | 23               | 2.29        | 179                             |
| 188            | 10.0                 | 63                   | 45                  | 55      | 0.66                  | 0.83  | 15                   | 20               | 1.32        | 101                             |
| 170            | 9.9                  | 56                   | 59                  | 85      | 1.05                  | 1.50  | 10                   | 35               | 3.36        | 252                             |
| 211            | 9.0                  | 51                   | 37                  | 66      | 0.46                  | 1.02  | 15                   | 39               | 2.57        | 259                             |
| 163            | 7.0                  | 24                   | 37                  | 24      | 1.42                  | 0.90  | 15                   | -4               | -0.25       | -88                             |
| 24             | 5.0                  | 26                   | 59                  | 25      | 2.10                  | 0.80  | 23                   | -22              | -0.93       | -169                            |
| 135            | 4.2                  | 48                   | 35                  | 38      | 0.74                  | 0.80  | 14                   | 17               | 1.22        | 11                              |
| 377            | 3.5                  | 20                   | 61                  | 35      | 2.06                  | 0.80  | 6                    | -22              | -3.90       | -88                             |

Averages for 1945, by thirds according to acres of oats, weighted by farms:

|        |      |    |    |    |      |      |    |   |      |     |
|--------|------|----|----|----|------|------|----|---|------|-----|
| High   | 23.2 | 31 | 36 | 34 | 1.08 | 0.90 | 12 | 6 | 0.63 | -9  |
| Medium | 12.7 | 34 | 38 | 35 | 1.17 | 0.87 | 10 | 4 | 0.31 | -61 |
| Low    | 6.4  | 38 | 48 | 46 | 1.31 | 0.97 | 14 | 7 | 0.34 | 30  |

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

|      |      |    |    |    |      |      |    |    |       |      |
|------|------|----|----|----|------|------|----|----|-------|------|
| 1945 | 14.1 | 32 | 38 | 37 | 0.98 | 0.95 | 11 | 6  | 0.57  | -14  |
| 1944 | 13.1 | 33 | 35 | 35 | 0.85 | 0.84 | 12 | 7  | 0.56  | -5   |
| 1943 | 13.2 | 18 | 31 | 21 | 1.50 | 0.98 | 11 | -4 | -0.37 | -127 |
| 1942 | 16.7 | 41 | 29 | 32 | 0.61 | 0.67 | 13 | 8  | 0.63  | 45   |
| 1941 | 15.0 | 34 | 26 | 24 | 0.65 | 0.61 | 12 | 3  | 0.22  | -23  |

Factors from 15 MIXED SPRING GRAIN Accounts, 1945  
(Arranged by acres of grain)

| (Arranged by acres of grain) |                      |                      |          |         |            |       |                      |             |             |                                 |
|------------------------------|----------------------|----------------------|----------|---------|------------|-------|----------------------|-------------|-------------|---------------------------------|
| Farm<br>number               | Grain<br>per<br>farm | Yield<br>per<br>acre | Average  |         | Average    |       | Labor<br>per<br>acre | Labor       |             | Profit<br>on<br>enter-<br>prise |
|                              |                      |                      | per acre |         | per bushel |       |                      | returns     |             |                                 |
|                              |                      |                      | cost     | returns | cost       | value |                      | per<br>acre | per<br>hour |                                 |
|                              | Acres                | bushels              | \$       | \$      | \$         | \$    | hours                | \$          | \$          | \$                              |
| 361                          | 45.0                 | 46                   | 24       | 64      | 0.39       | 1.25  | 13                   | 46          | 3.55        | 1,769                           |
| 359                          | 39.0                 | 12                   | 35       | 16      | 2.20       | 0.75  | 8                    | -13         | -1.52       | -706                            |
| 315                          | 24.5                 | 29                   | 21       | 23      | 0.74       | 0.80  | 4                    | 6           | 1.35        | 45                              |
| 374                          | 19.0                 | 32                   | 31       | 27      | 0.90       | 0.77  | 4                    | -1          | -0.38       | -78                             |
| 344                          | 18.0                 | 28                   | 50       | 40      | 1.69       | 1.30  | 15                   | -1          | -0.03       | -194                            |
| 324                          | 16.5                 | 43                   | 41       | 48      | 0.85       | 1.00  | 14                   | 17          | 1.22        | 108                             |
| 166                          | 15.9                 | 33                   | 34       | 41      | 0.80       | 1.00  | 13                   | 16          | 1.20        | 104                             |
| 171                          | 15.0                 | 31                   | 27       | 32      | 0.85       | 1.00  | 9                    | 10          | 1.07        | 71                              |
| 163                          | 12.4                 | 48                   | 38       | 56      | 0.62       | 1.00  | 10                   | 25          | 2.40        | 228                             |
| 200                          | 11.9                 | 26                   | 46       | 26      | 1.56       | 0.80  | 16                   | -11         | -0.67       | -241                            |
| 368                          | 11.0                 | 55                   | 41       | 67      | 0.73       | 1.20  | 13                   | 34          | 2.66        | 283                             |
| 355                          | 10.5                 | 56                   | 54       | 65      | 0.80       | 1.00  | 13                   | 18          | 1.35        | 119                             |
| 309                          | 10.5                 | 55                   | 44       | 55      | 0.79       | 1.00  | 12                   | 19          | 1.62        | 121                             |
| 145                          | 7.5                  | 21                   | 27       | 35      | 0.82       | 1.20  | 6                    | 11          | 1.87        | 61                              |
| 281                          | 7.0                  | 43                   | 65       | 52      | 1.49       | 1.20  | 16                   | -5          | -0.30       | -87                             |

Averages for 1945, by thirds according to number of acres, weighted by farms:

|        |      |    |    |    |      |      |    |    |      |     |
|--------|------|----|----|----|------|------|----|----|------|-----|
| High   | 29.1 | 29 | 32 | 34 | 1.18 | 0.97 | 9  | 7  | 0.59 | 167 |
| Medium | 14.3 | 36 | 37 | 41 | 0.94 | 0.96 | 12 | 11 | 1.04 | 54  |
| Low    | 9.3  | 46 | 46 | 55 | 0.93 | 1.12 | 12 | 15 | 1.44 | 99  |

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

|      |      |    |    |    |      |      |    |    |       |      |
|------|------|----|----|----|------|------|----|----|-------|------|
| 1945 | 17.6 | 35 | 35 | 41 | 0.87 | 1.04 | 11 | 13 | 1.18  | 107  |
| 1944 | 14.4 | 34 | 37 | 41 | 0.87 | 1.00 | 12 | 12 | 0.96  | 62   |
| 1943 | 13.1 | 17 | 31 | 22 | 1.57 | 1.03 | 11 | -4 | -0.35 | -124 |
| 1942 | 15.4 | 41 | 27 | 35 | 0.57 | 0.75 | 13 | 12 | 0.97  | 118  |
| 1941 | 15.2 | 33 | 24 | 26 | 0.61 | 0.67 | 12 | 6  | 0.50  | 32   |

Factors from 24 WHEAT Accounts, 1945  
(Arranged by acres of wheat)

| Farm<br>number | Grain<br>per<br>farm | Yield<br>per<br>acre | Average<br>per acre |         | Average<br>per bushel |       | Labor<br>per<br>acre | Labor<br>returns |             | Profit<br>on<br>enter-<br>prise |
|----------------|----------------------|----------------------|---------------------|---------|-----------------------|-------|----------------------|------------------|-------------|---------------------------------|
|                | acres                | bushels              | cost                | returns | cost                  | value | hours                | per<br>acre      | per<br>hour |                                 |
|                |                      |                      | \$                  | \$      | \$                    | \$    |                      | \$               | \$          | \$                              |
| 267            | 50.0                 | 35                   | 32                  | 57      | 0.93                  | 1.63  | 8                    | 31               | 3.77        | 1,216                           |
| 379            | 49.4                 | 26                   | 33                  | 52      | 1.00                  | 1.72  | 11                   | 27               | 2.50        | 923                             |
| 211            | 47.0                 | 38                   | 43                  | 70      | 0.86                  | 1.58  | 15                   | 37               | 2.51        | 1,284                           |
| 135            | 40.9                 | 58                   | 26                  | 63      | 0.44                  | 1.08  | 8                    | 44               | 5.50        | 1,514                           |
| 186            | 33.7                 | 34                   | 36                  | 69      | 0.84                  | 1.80  | 13                   | 42               | 3.21        | 1,107                           |
| 146            | 33.6                 | 29                   | 32                  | 49      | 1.07                  | 1.67  | 7                    | 22               | 3.27        | 574                             |
| 368            | 31.0                 | 34                   | 42                  | 64      | 1.15                  | 1.80  | 11                   | 30               | 2.63        | 696                             |
| 130            | 26.5                 | 43                   | 47                  | 77      | 0.95                  | 1.65  | 23                   | 43               | 1.90        | 796                             |
| 371            | 24.0                 | 29                   | 29                  | 62      | 0.66                  | 1.80  | 9                    | 38               | 4.10        | 789                             |
| 380            | 20.7                 | 24                   | 36                  | 53      | 1.12                  | 1.80  | 13                   | 24               | 1.88        | 342                             |
| 149            | 19.9                 | 28                   | 38                  | 56      | 1.13                  | 1.80  | 10                   | 23               | 2.22        | 371                             |
| 324            | 18.3                 | 19                   | 33                  | 32      | 1.56                  | 1.48  | 13                   | 8                | 0.60        | -28                             |
| 361            | 18.0                 | 39                   | 37                  | 85      | 0.78                  | 2.00  | 14                   | 55               | 4.01        | 864                             |
| 359            | 18.0                 | 19                   | 35                  | 38      | 1.35                  | 1.50  | 12                   | 10               | 0.87        | 49                              |
| 171            | 17.4                 | 24                   | 33                  | 38      | 1.30                  | 1.50  | 14                   | 13               | 0.93        | 84                              |
| 377            | 16.5                 | 21                   | 21                  | 31      | 1.02                  | 1.50  | 2                    | 11               | 4.87        | 165                             |
| 288            | 12.5                 | 45                   | 50                  | 92      | 0.87                  | 1.80  | 18                   | 51               | 2.90        | 519                             |
| 145            | 11.0                 | 18                   | 28                  | 41      | 1.10                  | 1.80  | 6                    | 15               | 2.68        | 137                             |
| 316            | 9.1                  | 41                   | 53                  | 90      | 1.08                  | 2.00  | 17                   | 49               | 2.92        | 342                             |
| 309            | 9.0                  | 43                   | 43                  | 82      | 0.90                  | 1.80  | 16                   | 48               | 3.06        | 346                             |
| 370            | 8.0                  | 27                   | 33                  | 54      | 1.01                  | 1.76  | 7                    | 25               | 3.58        | 161                             |
| 376            | 7.0                  | 30                   | 73                  | 68      | 1.74                  | 1.55  | 27                   | 23               | 0.85        | -41                             |
| 327            | 7.0                  | 29                   | 85                  | 61      | 2.62                  | 1.80  | 17                   | -13              | -0.78       | -164                            |
| 139            | 5.0                  | 25                   | 30                  | 71      | 0.62                  | 2.26  | 14                   | 48               | 3.48        | 205                             |

Averages for 1945, by thirds according to acres of wheat, weighted by farms:

|        |      |    |    |    |      |      |    |    |      |       |
|--------|------|----|----|----|------|------|----|----|------|-------|
| High   | 39.0 | 37 | 36 | 63 | 0.90 | 1.62 | 12 | 34 | 3.16 | 1,011 |
| Medium | 19.1 | 25 | 33 | 49 | 1.12 | 1.67 | 11 | 23 | 2.44 | 330   |
| Low    | 8.6  | 32 | 49 | 70 | 1.24 | 1.85 | 15 | 31 | 2.34 | 188   |

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

|      |      |    |    |    |      |      |    |    |      |     |
|------|------|----|----|----|------|------|----|----|------|-----|
| 1945 | 22.2 | 33 | 37 | 59 | 0.93 | 1.63 | 12 | 31 | 2.63 | 510 |
| 1944 | 19.8 | 27 | 36 | 52 | 1.04 | 1.64 | 13 | 24 | 1.88 | 526 |
| 1943 | 17.2 | 20 | 26 | 38 | 0.98 | 1.59 | 10 | 17 | 1.69 | 209 |
| 1942 | 16.5 | 30 | 27 | 41 | 0.75 | 1.21 | 12 | 19 | 1.58 | 233 |
| 1941 | 19.4 | 27 | 25 | 32 | 0.80 | 1.08 | 10 | 11 | 1.03 | 147 |

Factors from 4 SPRING BARLEY Accounts, 1945  
(Arranged by acres of barley)

| 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 |                                 |
|                                                         |                               |                                 | \$                  | \$      | \$                    | \$    |                               | \$               | \$          | \$                              |
| 146                                                     | 24.0                          | 25                              | 28                  | 36      | 1.12                  | 1.43  | 8                             | 15               | 1.77        | 179                             |
| 371                                                     | 11.0                          | 11                              | 24                  | 20      | 1.77                  | 1.40  | 8                             | --               | 0.05        | -44                             |
| 135                                                     | 9.9                           | 22                              | 32                  | 28      | 1.45                  | 1.24  | 7                             | 2                | 0.30        | -48                             |
| 163                                                     | 6.0                           | 31                              | 40                  | 42      | 1.30                  | 1.35  | 16                            | 12               | 0.74        | 10                              |
| Annual averages, all farms, weighted by acres of grain: |                               |                                 |                     |         |                       |       |                               |                  |             |                                 |
| 1945                                                    | 12.7                          | 22                              | 30                  | 31      | 1.29                  | 1.37  | 9                             | 9                | 1.00        | 24                              |
| 1944                                                    | 10.8                          | 21                              | 32                  | 30      | 1.46                  | 1.37  | 9                             | 4                | 0.41        | -20                             |
| 1943                                                    | 9.8                           | 10                              | 24                  | 15      | 2.23                  | 1.37  | 8                             | -5               | -0.58       | -88                             |
| 1942                                                    | 11.3                          | 26                              | 25                  | 23      | 0.93                  | 0.83  | 10                            | -2               | 0.16        | -30                             |
| 1941                                                    | 7.8                           | 24                              | 23                  | 22      | 0.87                  | 0.82  | 11                            | 3                | 0.27        | -9                              |