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UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service

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IOWA DEPARTMENT OF AGRICULTURE
Division of Agricultural Statistics

assisted by

Iowa State College Extension Service

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IOWA AGRICULTURAL STATISTICS

UNION COUNTY

* * *

County Statistical Bulletin

No. 89

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Office of the Agricultural Statistician
305 United States Court House
Des Moines, Iowa

IOWA CROP AND LIVESTOCK REPORTING SERVICE
Division of Agricultural Statistics
Leslie M. Carl, Director

* * * * *

IOWA DEPARTMENT OF AGRICULTURE
Mark G. Thornburg, Secretary

* * * * *

THE WORKS PROJECTS ADMINISTRATION
George J. Keller, State Administrator

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IOWA STATE COLLEGE EXTENSION SERVICE
R. K. Bliss, Director

IOWA AGRICULTURAL STATISTICS- UNION COUNTY

County Statistical Bulletin No. 89

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FOREWORD

The Iowa Crop and Livestock Reporting Service is the Iowa unit of a nation-wide organization which is entrusted with the responsibility of operating a standard statistical service for agriculture. The Division of Agricultural Statistics is a division of the Iowa State Department of Agriculture working in cooperation with the Agricultural Marketing Service of the United States Department of Agriculture. The year 1939 marked the one-hundredth anniversary of the collection of statistics of agriculture in the United States.

The general program of the Iowa Crop and Livestock Reporting Service is to meet the public needs and demands for summary data of an historical nature and for current statistical information of agricultural production in Iowa and the United States.

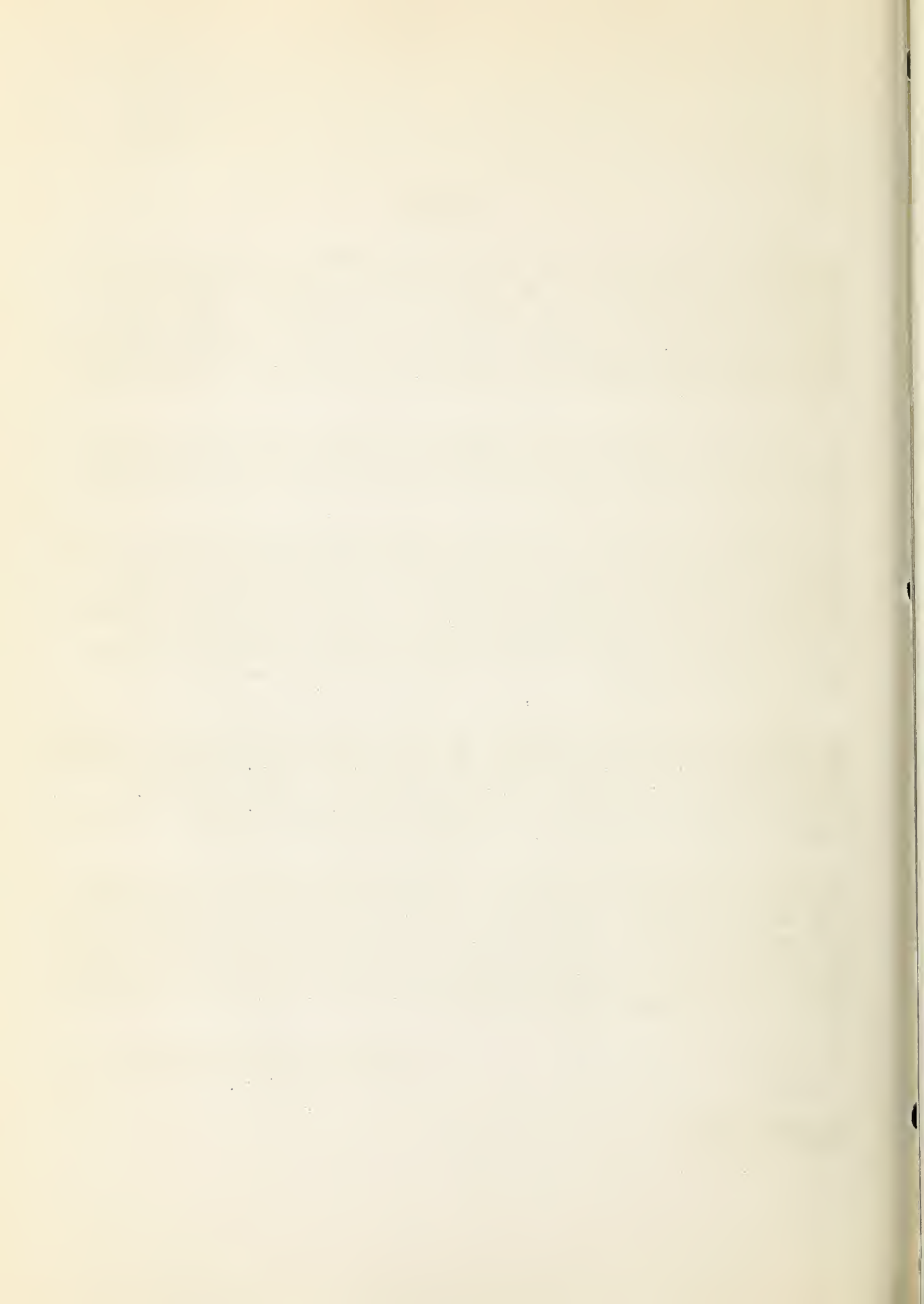
In recent years, there has been an increasing demand from agricultural organizations, commercial interests, teachers, legislators, and county, state and governmental agencies for agricultural data showing the trends of change in counties. Little has been done in the past to make available data for each county over an extended period of time. So urgent is the need for county data that some organizations have assembled such information at considerable cost. It is in response to these needs that this series is being issued.

The county data herein offered have been assembled from existing State and Federal documents and reports, under the supervision of Norman V. Strand, State-wide Work Projects Administration Supervisor of Agricultural Economics and Statistics projects. This is a report of work completed on Official Project 65-1-72-155 of the Work Projects Administration. Official Project 665-72-3-36 furnished the material for Tables 21 and 23.

The Iowa Agricultural Extension Service participated in the preparation of the materials in this report. Selected data from the files of the Iowa Agricultural Experiment Station have been released for publication in this series. Special credit is given to the Iowa assessors and tax officials who collect data on crops and livestock as required under the Iowa laws. Without these data by townships and counties detailed agricultural statistics would be less accurate and less complete.

Leslie M. Carl, Director
Division of Agricultural Statistics

Des Moines, Iowa.
November, 1940.



IOWA AGRICULTURAL STATISTICS - UNION COUNTY

Union County was established in 1851. In the original bill providing for its establishment the county was named Mason, in honor of Judge Charles Mason. However, just before its passage, the bill was amended to change the name to Union because the Compromise of 1850 had just been passed by the United States Congress. It was thought that the Union had been preserved by this action. 1/

The Mormons, on their westward trek in 1846, seem to have made the first settlement. They located near the almost extinct village of Talmage in the eastern part of the county. While no authentic census was taken at the time, the Mormon records list some 2,000 people as living in the "Big Field", as their settlement was called; another name for it was Mt. Pisgah. They left within a few years, selling their possessions to the newer settlers who were constantly arriving. There is a Mormon Cemetery and memorial marker near Talmage. 2/ Norman Nun and Joseph B. Nun, who came with their families from Indiana, in 1850, and James H. Stark and family credited as being the first permanent settlers in the county. 3/ They purchased their homes from the Mormons.

The county was formally organized in 1853. In 1855 a site was chosen for the county-seat and named Afton at the suggestion of Mrs. James Baker, who was very fond of the song "Flow Gently Sweet Afton." 4/ When the Burlington and Missouri River Railroad, now the Chicago, Burlington and Quincy, was built through the county in 1869, a division station was established at Creston (elevation 1,312 ft.), so named because it is the highest point on the Burlington line in Iowa. Creston became the county-seat as a result of an election held November 6, 1890. 5/

Area

Union County is 18 by 24 miles in extent, comprising 427 square miles 6/, or 273,280 acres. Of this number, 263,636 acres are farm land. 7/ There are 12 townships in the county and it ranks sixty-fourth in the State in point of size, sharing this place with Adams and Henry counties.

Soils

The soils of Union County are grouped into four classes according to their origin and location; namely, drift, loess, terrace, and swamp and bottom-land. The drift soils cover 46.0 percent of the surface and are divided into Shelby

1/ Gue, B. F., History of Iowa. Vol. III, p. 416. The Century History Co., New York City. 1903.

2/ Ide, Geo. A., History of Union County, Iowa. pp. 19-22. S. J. Clarke Publishing Co., Chicago. 1908.

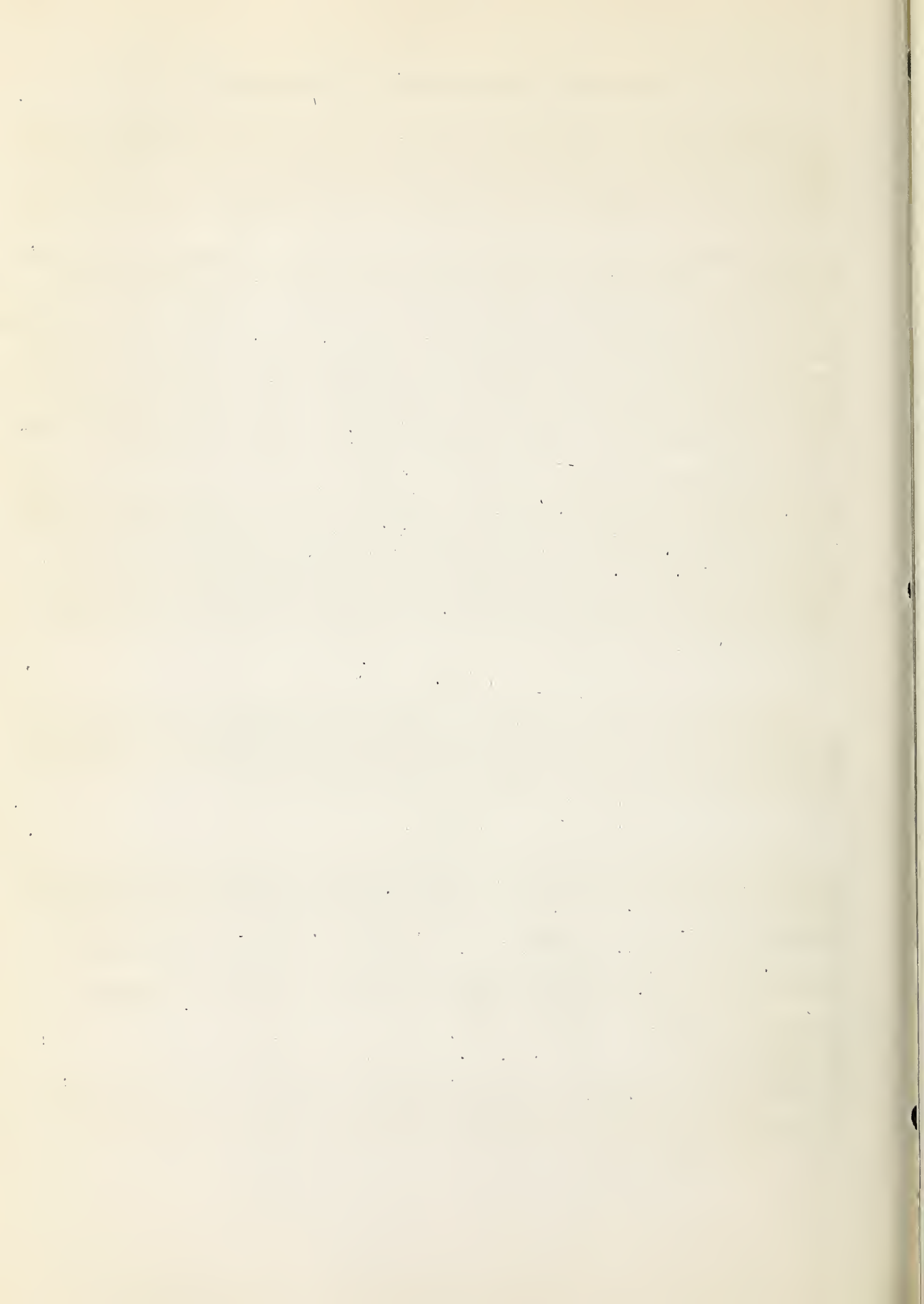
3/ Ibid. pp. 59-60.

4/ Ibid. pp. 25, 28.

5/ Ibid. p. 31.

6/ United States Bureau of the Census, Fifteenth Census of the United States: 1930. Populations. Vol. I, pp. 362-363.

7/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa, p. 17.



loam--44.6 percent, and Lindley loams--1.4 percent. The loess soils cover 41.1 percent of the area and are divided into Muscatine silt loam--24.3 percent, Grundy loams--11.3 percent, Tama loams--4.3 percent, and Clinton silt loam--1.2 percent. The terrace soils cover 4.1 percent of the surface and are divided into Bremer silt loam--1.3 percent, Jackson silt loam--1.1 percent, Calhoun silt loam--0.9 percent, Chariton silt loam--0.5 percent, and Waukesha silt loam--0.3 percent. The swamp and bottom-land soils cover 8.8 percent of the area and are all in the Wabash series. 8/

Topography

The surface of Union County was originally a rather broad drift plain, but there have been so many modifications and changes through the action of stream erosion that now there are many irregular areas of rolling to strongly rolling or hilly land. These occur mainly along the streams and the narrow strips of bottom-lands. The interstream areas are usually narrow and in some places are distinctly flat. The slopes are gradual, especially at the heads of the drainageways. The slopes are more abrupt along the larger streams and the north and west slopes are generally steeper than the south and east slopes.

The natural drainage of the county is very well developed, with streams and drainageways extending into practically every quarter section of land in the county. Almost the whole county is in the watershed of the Platte and Grand rivers. The general slope is to the south and southeast and this is also the trend of the divides between the separate drainage basins. 9/

Climate

The average temperature for 10 years (1930-1939) was 48.7 degrees. 10/ The average precipitation for 52 years (1878-1930) was 32.73 inches, and the growing season averaged 157 days between the killing frost dates of May 3 and October 7, recorded from 1904 to 1930. 11/

Population

The population growth reached a peak in 1900. Since that year there was a slow but gradual decline until 1910. The population has remained more or less stationary since that time. It has a density of 41 persons per square mile, as compared with the State density of 44.

8/ Iowa Agricultural Experiment Station. Soil Survey of Iowa, Union County. Soil Survey Report No. 68: 12-13. 1932.

9/ Ibid. pp. 10-11.

10/ Reed, Charles D., Sr. Meteorologist. United States Weather Bureau. Des Moines, Iowa. Unpublished data.

11/ United States Weather Bureau. Climatic Summary of the United States from establishment of stations to 1930, inclusive. Section 50--Western Iowa. pp. 10, 19. 1933.



The following table shows the number of inhabitants recorded at 10-year intervals:

| <u>Year</u> | <u>Inhabitants</u> | <u>Urban</u> | <u>Rural</u> |
|-------------|--------------------|-------------------|------------------|
| 1860 | 2,012 | - | - |
| 1870 | 5,986 | - | - |
| 1880 | 14,980 | - | - |
| 1890 | 16,900 | - | - |
| 1900 | 19,928 | 10,499 | 9,429 |
| 1910 | 16,616 | 9,594 | 7,022 |
| 1920 | 17,268 <u>12/</u> | 10,713 <u>13/</u> | 6,555 |
| 1930 | 17,435 <u>14/</u> | 11,126 | 6,289 |
| 1935 | - | - | 6,428 <u>15/</u> |

In 1930 the foreign born and native white inhabitants of foreign born or mixed parentage totaled 2,980, or 17 percent of the total population. Of this number, those of German descent had 929, the Swedes had 308, and the English had 295. Other nationalities had very small representations. 16/

Cooperatives

In 1937 there were six cooperative institutions in operation in this county--two elevators, one creamery, two petroleum plants, and one produce market.

As a whole, they had 1,124 members, of which 928 were active, and 2,036 persons did business with the 6 concerns. The selling cooperatives had a business volume of \$305,669 and the purchasing cooperatives transacted \$141,912 worth of business.

Cooperatives may both buy and sell or they may perform one or the other function exclusively. Purchasing cooperatives buy non-farm commodities for distribution to their members and patrons, and selling cooperatives market farm commodities for their members and patrons. 17/

Fruit

The record year for apples was 1909, when 62,181 trees and 72,473 bushels were recorded. In 1934 there were only 12,062 trees and 2,650 bushels. The greatest number of peach trees, 11,640, was recorded in 1909, but the greatest

12/ Census of Iowa. 1925. pp. 714-715. 1926.

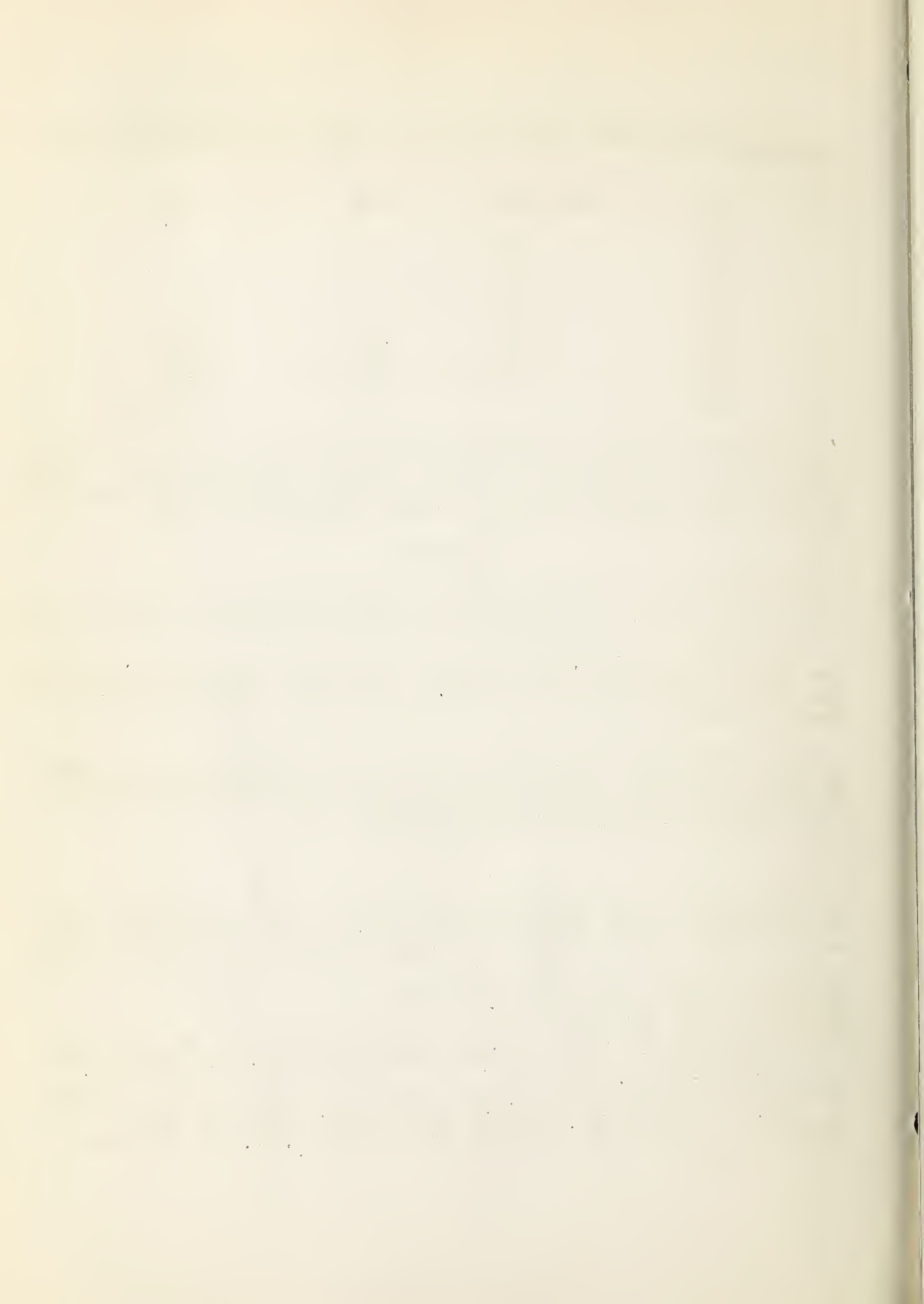
13/ Ibid. pp. 925 et seq.

14/ Iowa Official Register, 1937-1938. Thirty-seventh Number. pp. 368 et seq.

15/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 17.

16/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. Vol. III, Part 1, Tables 18-19, pp. 785-788.

17/ Unpublished data from: Omaha Farm Credit Administration and Iowa State College.



production, 1,941 bushels, was listed in 1934. The best year for grapes was 1894, when 21,868 vines bore 79,543 pounds. There were 9,218 cherry trees in 1909 and 2,334 bushels in 1894. These were the years of greatest numbers and greatest production respectively. 18/

Note Regarding Yields of Corn

The crop assessors' statistical breakdown for corn acreage is as follows: (1) all corn, (2) corn husked for grain, (3) corn cut for silage, (4) corn cut for fodder and (5) corn hogged off. A total production is given for each farm which includes only that actually husked. In getting county totals of production, the acreage other than that husked is multiplied by the yield (derived by dividing total bushels corn husked by total acres husked) and added to summations of individual farm productions shown as husked. This assumes that acreage not husked would have produced the same yield as that actually husked.

In 1934 and 1936, both poor crop years, separate estimations of corn yield on acreage not husked were made by the State assessors' office because it was felt that farmers in those years would select their best acreages for husking and cut or hog off the rest, which would have a different and lower yield. This separate yield estimation was then multiplied by the acreage not husked and the total added to that reported as husked.

This was done by counties only and not by townships. The township yields for these two years, then, are somewhat high since they are based only on acreage husked for grain and bushels husked. The total corn acreage is shown by township with this yield, and any attempt to multiply it by the acreage shown to get total production will result in a too high figure. The county summary table figures for corn yield in 1934 and 1936 have been adjusted for poorer yields on that acreage not husked and these yields may legitimately be multiplied by the acreages shown there to arrive at total productions for the county.

In all other years actual township productions may be derived from the yield and acreage figures shown in the tables since corn yield has been assumed to be equal in all utilizations. The county yield and township yields are, therefore, consistent in all years except 1934 and 1936.

18/ Sources: 1. Census of Iowa. 1875, 1885, 1895.
 2. United States Bureau of the Census. Thirteenth Census of the United States: 1910. Agriculture: Iowa. Bulletin.
 3. United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa Statistics by Counties, Second Series. 1936.



TABLE 1
LAND UTILIZATION AND YIELDS, 1929-1938
County Summary

| Year | No. Farms | Acreage in Farms | Ave. Fam Size | CORN | | OATS | | WINTER WHEAT | | BARLEY | |
|------------|----------------|-------------------|-----------------------|-------------------------------------|--------------------------------|-----------------------|----------------------|----------------|--------------------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 1610 | 263943 | 164 | 65561 | 31 | 28394 | 22 | 1839 | 16 | 1994 | 16 |
| 1930 | 1713 | 262534 | 153 | 70631 | 31 | 30857 | 34 | 2024 | 17 | 1803 | 23 |
| 1931 | 1642 | 260912 | 159 | 73581 | 28 | 29815 | 28 | 1913 | 18 | 2017 | 22 |
| 1932 | 1668 | 261910 | 157 | 76159 | 40 | 30213 | 32 | 1123 | 13 | 2499 | 19 |
| 1933 | 1690 | 261737 | 155 | 69236 | 42 | 28488 | 14 | 905 | 10 | 1447 | 9 |
| 1934 | 1667 | 263594 | 158 | 55577 | 2 | 3721 | 5 | 985 | 9 | 15 | 3 |
| 1935 | 1660 | 262491 | 158 | 53353 | 29 | 18160 | 30 | 1498 | 11 | 98 | 16 |
| 1936 | 1606 | 264370 | 165 | 62362 | 4 | 25873 | 19 | 2046 | 17 | 154 | 17 |
| 1937 | 1577 | 262724 | 167 | 62073 | 34 | 27528 | 44 | 6251 | 12 | 280 | 27 |
| 1938 | 1576 | 264252 | 168 | 62300 | 25 | 32997 | 36 | 1625 | 11 | 374 | 24 |
| 10Yr. Ave. | 1641 | 262847 | 160 | 65083 | 28 | 25605 | 29 | 2021 | 13 | 1068 | 19 |
| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | | | |
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres | | |
| 1929 | 218 | 10 | 184 | 10 | 3673 | 6826 | 49 | 912 | 34696 | | |
| 1930 | 184 | 16 | 321 | 12 | 4213 | 2291 | - | 835 | 28054 | | |
| 1931 | 218 | 14 | 291 | 13 | 6110 | 1478 | 7 | 887 | 23904 | | |
| 1932 | 135 | 8 | 293 | 15 | 3930 | 661 | 41 | 1070 | 23889 | | |
| 1933 | 99 | 10 | 581 | 15 | 743 | 2665 | 106 | 1430 | 36281 | | |
| 1934 | 195 | 6 | 1726 | 7 | 254 | 1280 | - | 1777 | 33223 | | |
| 1935 | 1012 | 13 | 1371 | 13 | 12744 | 164 | 17 | 2441 | 25122 | | |
| 1936 | 963 | 12 | 701 | 9 | 3405 | 68 | 3 | 2748 | 30654 | | |
| 1937 | 3318 | 18 | 442 | 11 | 6202 | 38 | 18 | 2627 | 18839 | | |
| 1938 | 1433 | 11 | 578 | 19 | 5813 | 401 | 41 | 2479 | 19443 | | |
| 10Yr. Ave. | 778 | 14 | 649 | 12 | 4709 | 1587 | 28 | 1721 | 27410 | | |
| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Buildings, Feedlots, Highways Acres | Woodlots for Timber only Acres | Waste-land Acres | Idle Crop Land Acres | | | | |
| 1929 | 504 | 110200 | 296 | 12139 | 983 | 1566 | 1647 | | | | |
| 1930 | 466 | 107176 | 238 | 12495 | 1806 | 899 | 1367 | | | | |
| 1931 | 413 | 106422 | 423 | 12326 | 1287 | 1576 | 609 | | | | |
| 1932 | 498 | 105715 | 287 | 12942 | 1125 | 1520 | 1541 | | | | |
| 1933 | 606 | 104256 | 535 | 12210 | 1160 | 1938 | 3146 | | | | |
| 1934 | 463 | 121125 | 491 | 12633 | 1689 | 2742 | 28755 | | | | |
| 1935 | 574 | 110523 | 1223 | 12818 | 1546 | 1806 | 20626 | | | | |
| 1936 | 463 | 112682 | 1174 | 12805 | 1292 | 3334 | 6459 | | | | |
| 1937 | 444 | 110702 | 1723 | 12613 | 1877 | 3360 | 7054 | | | | |
| 1938 | 414 | 112582 | 1934 | 12628 | 655 | 4508 | 6927 | | | | |
| 10Yr. Ave. | 484 | 110138 | 832 | 12561 | 1342 | 2325 | 7813 | | | | |

10 Year Average Acres: Flaxseed 32 ; Spring Wheat 23 ; Popcorn 11 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 2
ACREAGE AND YIELDS OF HAY
County Summary

| Year | Mixed Clover&Timothy | | Alfalfa | | Wild Hay | | All Tame Hay | |
|-------------|-------------------------|----------------------|---------|---------------------|----------|---------------------|--------------|---------------------|
| | Acres | Tons per Acres | Acres | Tons per Acre | Acres | Tons per Acre | Acres | Tons per Acre |
| 1929 | 21,024 | 1.70 | 912 | 3.20 | 504 | 1.17 | 34,696 | 1.76 |
| 1930 | 17,754 | 1.55 | 835 | 2.41 | 466 | 1.30 | 28,054 | 1.47 |
| 1931 | 13,230 | .60 | 887 | 1.75 | 413 | .94 | 23,904 | .66 |
| 1932 | 9,959 | 1.00 | 1,070 | 2.81 | 498 | 1.80 | 23,889 | 1.09 |
| 1933 | 31,152 | .58 | 1,430 | 2.52 | 606 | .80 | 36,281 | .66 |
| 1934 | 23,914 | .19 | 1,777 | 1.35 | 463 | .33 | 33,223 | .35 |
| 1935 | 11,392 | 1.10 | 2,441 | 2.09 | 574 | 1.50 | 25,122 | .95 |
| 1936 | 23,206 | .90 | 2,748 | 1.30 | 463 | .94 | 30,654 | .88 |
| 1937 | 10,592 | .87 | 2,627 | 1.43 | 444 | 1.35 | 18,839 | .99 |
| 1938 | 10,239 | 1.00 | 2,479 | 2.20 | 414 | 1.50 | 19,443 | 1.19 |
| 10 Yr. Ave. | 17,246 | .91 | 1,721 | 1.94 | 484 | 1.16 | 27,410 | .99 |

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 3
LAND UTILIZATION AND YIELDS

Iodge Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | WINTER WHEAT | | BARLEY | |
|------------|----------------|-------------------|-----------------------|-------------------------------------|--------------------------------|------------------------|----------------------|----------------|--------------------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 128 | 22454 | 175 | 5248 | 28 | 2517 | 21 | 233 | 13 | 137 | 18 |
| 1930 | 134 | 22851 | 171 | 5413 | 26 | 2932 | 34 | 186 | 16 | 116 | 25 |
| 1931 | 135 | 22803 | 169 | 5580 | 29 | 2623 | 31 | 278 | 16 | 156 | 27 |
| 1932 | 135 | 22495 | 167 | 6080 | 42 | 2627 | 33 | 147 | 12 | 136 | 24 |
| 1933 | 138 | 22794 | 165 | 5567 | 40 | 2532 | 14 | 53 | 11 | 105 | 9 |
| 1934 | 136 | 22694 | 167 | 4328 | 5 | 191 | 4 | 145 | 3 | - | - |
| 1935 | 124 | 22630 | 182 | 4218 | 31 | 1843 | 26 | 112 | 8 | - | - |
| 1936 | 119 | 22867 | 192 | 4953 | 7 | 2156 | 14 | 140 | 12 | - | - |
| 1937 | 110 | 22865 | 208 | 4926 | 28 | 2301 | 42 | 403 | 10 | 11 | 19 |
| 1938 | 114 | 22953 | 201 | 4749 | 31 | 3108 | 37 | 147 | 8 | 29 | 26 |
| 10Yr. Ave. | 127 | 22741 | 179 | 5106 | 32 | 2283 | 28 | 184 | 11 | 69 | 22 |
| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | | | |
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres | | |
| 1929 | 12 | 17 | 5 | 18 | 245 | 862 | 3 | 98 | 3030 | | |
| 1930 | - | - | - | - | 341 | 237 | - | 98 | 2573 | | |
| 1931 | 25 | 13 | 24 | 13 | 413 | 277 | - | 86 | 2274 | | |
| 1932 | - | - | 39 | 9 | 192 | 223 | - | 111 | 2711 | | |
| 1933 | - | - | 45 | 12 | - | 403 | 10 | 194 | 3517 | | |
| 1934 | - | - | 106 | 5 | 40 | 182 | - | 184 | 3256 | | |
| 1935 | 47 | 13 | 32 | 10 | 1058 | - | 9 | 260 | 1968 | | |
| 1936 | 42 | 11 | 26 | 5 | 96 | - | - | 312 | 3210 | | |
| 1937 | 327 | 16 | 35 | 9 | 488 | - | 18 | 244 | 1678 | | |
| 1938 | 231 | 9 | 57 | 12 | 503 | 8 | 6 | 206 | 1262 | | |
| 10Yr. Ave. | 68 | 13 | 37 | 9 | 338 | 219 | 5 | 179 | 2548 | | |
| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Buildings, Feedlots, Highways Acres | Woodlots for Timber only Acres | Waste-land Acres | Idle Crop Land Acres | | | | |
| | | | | | | | | | | | |
| 1929 | 10 | 9756 | 4 | 957 | 40 | 55 | 202 | | | | |
| 1930 | 17 | 9909 | - | 998 | 290 | 76 | - | | | | |
| 1931 | 12 | 9782 | - | 1044 | 582 | 10 | - | | | | |
| 1932 | 29 | 8720 | 8 | 1058 | 665 | 83 | - | | | | |
| 1933 | 74 | 8907 | 9 | 1030 | 500 | 331 | 114 | | | | |
| 1934 | 38 | 12053 | 30 | 1032 | 487 | 303 | 685 | | | | |
| 1935 | 46 | 9682 | 80 | 1028 | 792 | 150 | 1565 | | | | |
| 1936 | 54 | 9957 | 206 | 1019 | 486 | 282 | 240 | | | | |
| 1937 | 29 | 9633 | 36 | 1050 | 1093 | 378 | 459 | | | | |
| 1938 | 30 | 10301 | 126 | 1036 | 93 | 639 | 636 | | | | |
| 10Yr. Ave. | 34 | 9870 | 50 | 1025 | 503 | 231 | 390 | | | | |

10 Year Average Acres: Flaxseed 2; Spring Wheat 2; Popcorn 2. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 4
LAND UTILIZATION AND YIELDS

Douglas Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | WINTER WHEAT | | BARLEY | |
|------------|----------------|-------------------|-----------------------|-------------------------------------|--------------------------------|-----------------------|----------------------|----------------|--------------------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 123 | 20645 | 168 | 5720 | 36 | 2772 | 26 | 85 | 17 | 184 | 15 |
| 1930 | 136 | 20238 | 149 | 6165 | 41 | 2526 | 39 | 114 | 23 | 85 | 26 |
| 1931 | 129 | 19745 | 153 | 6908 | 28 | 2405 | 27 | 70 | 24 | 74 | 24 |
| 1932 | 125 | 19422 | 155 | 6617 | 49 | 2706 | 36 | 49 | 14 | 129 | 20 |
| 1933 | 134 | 19726 | 147 | 6319 | 49 | 2441 | 20 | 41 | 17 | 105 | 14 |
| 1934 | 133 | 19410 | 146 | 5351 | 6 | 821 | 5 | 131 | 15 | - | - |
| 1935 | 126 | 19620 | 156 | 5566 | 32 | 1868 | 33 | 197 | 14 | - | - |
| 1936 | 126 | 19506 | 155 | 6301 | 6 | 2060 | 21 | 229 | 20 | - | - |
| 1937 | 121 | 19047 | 157 | 6267 | 37 | 2517 | 50 | 602 | 14 | 10 | 20 |
| 1938 | 129 | 19334 | 150 | 6218 | 23 | 2848 | 39 | 222 | 14 | - | - |
| 10Yr. Ave. | 128 | 19669 | 153 | 6143 | 34 | 2296 | 32 | 174 | 16 | 59 | 19 |
| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | | | |
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres | | |
| 1929 | 14 | 14 | 25 | 9 | 159 | 402 | 1 | 131 | 2843 | | |
| 1930 | 74 | 19 | 19 | 13 | 221 | 115 | - | 72 | 2193 | | |
| 1931 | 10 | 8 | 3 | 19 | 260 | 48 | - | 80 | 2025 | | |
| 1932 | 49 | 11 | 7 | 18 | 262 | - | 6 | 146 | 1902 | | |
| 1933 | 7 | 11 | 14 | 17 | 90 | 72 | - | 126 | 2811 | | |
| 1934 | 37 | 7 | 26 | 7 | - | 30 | - | 138 | 2141 | | |
| 1935 | 151 | 16 | 221 | 13 | 1050 | - | - | 196 | 1864 | | |
| 1936 | 58 | 11 | 150 | 8 | 358 | 60 | - | 265 | 2213 | | |
| 1937 | 235 | 23 | - | - | 512 | 38 | - | 242 | 1263 | | |
| 1938 | 137 | 13 | 11 | 20 | 445 | - | - | 254 | 1072 | | |
| 10Yr. Ave. | 77 | 17 | 48 | 11 | 336 | 76 | 7 | 165 | 2033 | | |
| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Buildings, Feedlots, Highways Acres | Woodlots for Timber only Acres | Waste-land Acres | Idle Crop Land Acres | | | | |
| 1929 | 155 | 7093 | 83 | 1085 | 11 | 392 | 23 | | | | |
| 1930 | 126 | 7510 | 29 | 1158 | 2 | 14 | 2 | | | | |
| 1931 | 128 | 6562 | 162 | 1002 | 64 | 60 | 12 | | | | |
| 1932 | 112 | 6281 | 93 | 1031 | 63 | 67 | 48 | | | | |
| 1933 | 116 | 6466 | 138 | 982 | 80 | 34 | 82 | | | | |
| 1934 | 120 | 6390 | 61 | 1057 | 69 | 60 | 3146 | | | | |
| 1935 | 146 | 6531 | 226 | 1012 | 5 | 286 | 497 | | | | |
| 1936 | 82 | 6520 | 82 | 1105 | 63 | 18 | 267 | | | | |
| 1937 | 104 | 5870 | 154 | 1075 | 60 | 112 | 266 | | | | |
| 1938 | 109 | 6751 | 185 | 959 | - | 126 | 251 | | | | |
| 10Yr. Ave. | 120 | 6597 | 121 | 1047 | 42 | 117 | 459 | | | | |

10 Year Average Acres: Flaxseed 10; Spring Wheat 4; Popcorn 2. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 5
LAND UTILIZATION AND YIELDS

Grant Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | WINTER WHEAT | | BARLEY | |
|------------|----------------|-------------------|-----------------------|-------------------------------------|--------------------------------|------------------------|----------------------|----------------|--------------------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 132 | 22136 | 168 | 5766 | 28 | 2797 | 22 | 13 | 15 | 75 | 31 |
| 1930 | 136 | 22615 | 166 | 6542 | 31 | 2739 | 34 | 77 | 19 | 129 | 37 |
| 1931 | 129 | 22178 | 172 | 7003 | 23 | 2790 | 26 | 69 | 17 | 241 | 34 |
| 1932 | 120 | 22853 | 190 | 7591 | 36 | 2859 | 31 | 29 | 9 | 386 | 16 |
| 1933 | 122 | 22581 | 185 | 6262 | 41 | 3067 | 11 | 2 | 4 | 298 | 8 |
| 1934 | 124 | 22462 | 181 | 4750 | 6 | - | - | 17 | 9 | - | - |
| 1935 | 127 | 22601 | 178 | 4843 | 26 | 1376 | 29 | 37 | 12 | 8 | 15 |
| 1936 | 143 | 23452 | 164 | 5889 | 5 | 2575 | 19 | 51 | 15 | 15 | 9 |
| 1937 | 139 | 22167 | 159 | 5461 | 39 | 2560 | 42 | 341 | 12 | 36 | 36 |
| 1938 | 134 | 22214 | 166 | 5330 | 27 | 2849 | 34 | 99 | 9 | 62 | 17 |
| 10Yr. Ave. | 131 | 22520 | 172 | 5944 | 31 | 2361 | 27 | 74 | 13 | 125 | 17 |
| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | | | |
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres | | |
| 1929 | 48 | 4 | 19 | 6 | 355 | 543 | - | 42 | 2793 | | |
| 1930 | - | - | - | - | 429 | 325 | - | 56 | 2614 | | |
| 1931 | - | - | 12 | 17 | 764 | 172 | - | 70 | 1883 | | |
| 1932 | - | - | 21 | 18 | 499 | 4 | - | 94 | 1811 | | |
| 1933 | 14 | 5 | 76 | 11 | 178 | 431 | - | 78 | 3289 | | |
| 1934 | - | - | 234 | 7 | - | 64 | - | 69 | 3163 | | |
| 1935 | 42 | 9 | 56 | 13 | 1605 | 60 | - | 81 | 2143 | | |
| 1936 | 44 | 12 | 13 | 8 | 605 | - | - | 35 | 2546 | | |
| 1937 | 248 | 19 | - | - | 744 | - | - | 49 | 1380 | | |
| 1938 | 69 | 5 | - | - | 799 | - | 5 | 57 | 2112 | | |
| 10Yr. Ave. | 46 | 13 | 43 | 9 | 598 | 160 | .5 | 63 | 2373 | | |
| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Buildings, Feedlots, Highways Acres | Woodlots for Timber only Acres | Waste-land Acres | Idle Crop Land Acres | | | | |
| 1929 | 27 | 8715 | 22 | 1145 | - | 49 | 312 | | | | |
| 1930 | - | 8684 | 4 | 1057 | - | 19 | 321 | | | | |
| 1931 | - | 8104 | - | 1163 | - | 107 | 42 | | | | |
| 1932 | - | 8406 | 36 | 1118 | - | 37 | 60 | | | | |
| 1933 | 10 | 8015 | 31 | 1106 | 2 | 39 | 192 | | | | |
| 1934 | 8 | 9793 | 2 | 1117 | 23 | 194 | 3161 | | | | |
| 1935 | 50 | 8556 | 121 | 1165 | 28 | 163 | 2408 | | | | |
| 1936 | 50 | 9711 | 318 | 1025 | 11 | 276 | 323 | | | | |
| 1937 | 67 | 8624 | 336 | 1144 | 2 | 299 | 865 | | | | |
| 1938 | 49 | 8664 | 365 | 1151 | - | 266 | 394 | | | | |
| 10Yr. Ave. | 26 | 8727 | 124 | 1119 | 7 | 145 | 809 | | | | |

10 Year Average Acres: Flaxseed 0 ; Spring Wheat 0 ; Popcorn 0 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 6
LAND UTILIZATION AND YIELDS

Highland Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | WINTER WHEAT | | BARLEY | |
|------------|----------------|-------------------|-----------------------|-------------------------------------|--------------------------------|------------------------|----------------------|----------------|--------------------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 104 | 21041 | 202 | 5605 | 35 | 2179 | 27 | 40 | 14 | 50 | 17 |
| 1930 | 121 | 21096 | 174 | 5634 | 35 | 2893 | 36 | 134 | 29 | 80 | 27 |
| 1931 | 110 | 21058 | 191 | 5923 | 22 | 2297 | 25 | 34 | 10 | 83 | 18 |
| 1932 | 110 | 20954 | 190 | 6371 | 41 | 2250 | 39 | 91 | 18 | 72 | 16 |
| 1933 | 106 | 20281 | 191 | 5646 | 47 | 2583 | 20 | 23 | 14 | 70 | 16 |
| 1934 | 115 | 21947 | 191 | 4843 | 5 | 152 | 4 | 29 | 14 | - | - |
| 1935 | 113 | 21772 | 193 | 4638 | 29 | 1519 | 31 | 30 | 16 | 10 | 9 |
| 1936 | 107 | 21546 | 201 | 5638 | 8 | 2398 | 21 | 168 | 20 | 8 | 9 |
| 1937 | 104 | 21050 | 202 | 5300 | 32 | 2120 | 50 | 432 | 12 | 42 | 25 |
| 1938 | 101 | 20640 | 204 | 5621 | 26 | 2788 | 38 | 126 | 7 | 56 | 28 |
| 10Yr. Ave. | 109 | 21138 | 194 | 5522 | 33 | 2118 | 32 | 110 | 15 | 47 | 30 |
| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | | | |
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres | | |
| 1929 | - | - | 6 | 12 | 235 | 659 | - | 113 | 3040 | | |
| 1930 | 3 | 43 | 57 | 16 | 223 | 136 | - | 108 | 2539 | | |
| 1931 | 7 | 14 | 104 | 13 | 338 | 71 | - | 78 | 2649 | | |
| 1932 | 5 | 7 | 26 | 19 | 348 | - | - | 101 | 1810 | | |
| 1933 | - | - | 64 | 20 | 97 | 256 | - | 114 | 2645 | | |
| 1934 | 9 | 7 | 182 | 13 | 60 | 120 | - | 93 | 3129 | | |
| 1935 | 68 | 18 | 122 | 16 | 1319 | - | - | 123 | 2012 | | |
| 1936 | 99 | 14 | 157 | 11 | 291 | - | - | 171 | 2560 | | |
| 1937 | 402 | 21 | 37 | 15 | 507 | - | - | 120 | 1563 | | |
| 1938 | 105 | 12 | 136 | 20 | 503 | 37 | - | 158 | 1328 | | |
| 10Yr. Ave. | 70 | 18 | 89 | 15 | 392 | 128 | 0 | 118 | 2228 | | |
| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Buildings, Feedlots, Highways Acres | Woodlots for Timber only Acres | Waste-land Acres | Idle Crop Land Acres | | | | |
| 1929 | 43 | 8668 | 34 | 987 | 42 | 72 | 40 | | | | |
| 1930 | 40 | 8484 | 21 | 927 | 15 | 20 | 26 | | | | |
| 1931 | 2 | 8468 | 28 | 925 | - | - | 200 | | | | |
| 1932 | 51 | 8462 | 28 | 1016 | - | 14 | 410 | | | | |
| 1933 | 44 | 8110 | 43 | 896 | 2 | 56 | 2 | | | | |
| 1934 | 18 | 11852 | 55 | 1059 | 175 | 612 | 772 | | | | |
| 1935 | 30 | 8902 | 87 | 1101 | 32 | 255 | 1647 | | | | |
| 1936 | 40 | 8908 | 8 | 1025 | - | - | 246 | | | | |
| 1937 | 25 | 9421 | 144 | 906 | 20 | - | 141 | | | | |
| 1938 | 20 | 8668 | 203 | 891 | - | - | 195 | | | | |
| 10Yr. Ave. | 31 | 8994 | 65 | 973 | 29 | 103 | 368 | | | | |

10 Year Average Acres: Flaxseed 0; Spring Wheat 5; Popcorn .2. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 7
LAND UTILIZATION AND YIELDS

Jones Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | WINTER WHEAT | | BARLEY | |
|------------|----------------|-------------------|-----------------------|-------------------------------------|--------------------------------|------------------------|----------------------|----------------|--------------------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 142 | 22041 | 155 | 4835 | 31 | 1521 | 21 | 238 | 18 | 230 | 11 |
| 1930 | 156 | 22403 | 144 | 5304 | 19 | 1790 | 29 | 262 | 14 | 227 | 15 |
| 1931 | 142 | 21676 | 153 | 5399 | 29 | 1914 | 25 | 259 | 18 | 165 | 19 |
| 1932 | 143 | 21486 | 150 | 4817 | 30 | 2020 | 24 | 79 | 13 | 93 | 16 |
| 1933 | 145 | 21438 | 148 | 4797 | 36 | 1337 | 12 | 140 | 8 | 124 | 7 |
| 1934 | 141 | 21454 | 152 | 3890 | 7 | - | - | 42 | 7 | - | - |
| 1935 | 140 | 21147 | 151 | 3172 | 20 | 743 | 30 | 35 | 14 | - | - |
| 1936 | 136 | 21181 | 156 | 3558 | 12 | 1489 | 17 | 62 | 17 | 18 | 11 |
| 1937 | 130 | 21154 | 163 | 3881 | 36 | 1868 | 40 | 416 | 11 | - | - |
| 1938 | 135 | 21172 | 157 | 4001 | 28 | 2162 | 32 | 136 | 13 | 12 | 12 |
| 10Yr. Ave. | 141 | 21515 | 153 | 4365 | 28 | 1484 | 26 | 167 | 14 | 87 | 14 |
| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | | | |
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres | | |
| 1929 | 56 | 11 | 14 | 12 | 142 | 473 | 18 | 65 | 2706 | | |
| 1930 | 39 | 8 | 22 | 9 | 267 | 159 | - | 54 | 2104 | | |
| 1931 | 56 | 15 | 8 | 16 | 292 | 65 | 4 | 38 | 1752 | | |
| 1932 | 50 | 6 | - | - | 172 | - | - | 34 | 1808 | | |
| 1933 | 37 | 6 | 32 | 6 | - | 23 | - | 79 | 2469 | | |
| 1934 | - | - | - | - | - | - | - | 174 | 2843 | | |
| 1935 | 2 | 18 | - | - | 257 | - | - | 203 | 2595 | | |
| 1936 | 28 | 7 | - | - | 52 | - | - | 230 | 2465 | | |
| 1937 | 115 | 19 | - | - | 192 | - | - | 250 | 1960 | | |
| 1938 | - | - | - | - | 40 | - | - | 248 | 2415 | | |
| 10Yr. Ave. | 38 | 12 | 8 | 9 | 141 | 72 | 2 | 138 | 2312 | | |
| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Buildings, Feedlots, Highways Acres | Woodlots for Timber only Acres | Waste-land Acres | Idle Crop Land Acres | | | | |
| | | | | | | | | | | | |
| 1929 | 34 | 10611 | - | 754 | 385 | 251 | 246 | | | | |
| 1930 | 35 | 10389 | 32 | 725 | 540 | 335 | 332 | | | | |
| 1931 | 13 | 10433 | 12 | 766 | 106 | 416 | 81 | | | | |
| 1932 | 15 | 10648 | 15 | 934 | 69 | 178 | 588 | | | | |
| 1933 | 12 | 10536 | 17 | 936 | 91 | 202 | 708 | | | | |
| 1934 | - | 11450 | 26 | 903 | 46 | 75 | 2179 | | | | |
| 1935 | - | 11319 | 86 | 881 | 2 | 43 | 2012 | | | | |
| 1936 | - | 11870 | 124 | 889 | 25 | 88 | 513 | | | | |
| 1937 | - | 11152 | 139 | 810 | 9 | 45 | 567 | | | | |
| 1938 | 10 | 10443 | 99 | 745 | - | 40 | 1069 | | | | |
| 10Yr. Ave. | 12 | 10885 | 55 | 834 | 127 | 167 | 830 | | | | |

10 Year Average Acres: Flaxseed 0 ; Spring Wheat 4 ; Popcorn 0 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 8
LAND UTILIZATION AND YIELDS

Lincoln Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | WINTER WHEAT | | BARLEY | |
|------------|----------------|-------------------|-----------------------|-------------------------------------|--------------------------------|------------------------|----------------------|----------------|--------------------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 148 | 22858 | 154 | 5600 | 33 | 2578 | 26 | 157 | 20 | 216 | 17 |
| 1930 | 156 | 23076 | 148 | 6205 | 36 | 2855 | 34 | 121 | 21 | 107 | 22 |
| 1931 | 153 | 22817 | 149 | 6312 | 28 | 2675 | 31 | 168 | 18 | 135 | 27 |
| 1932 | 152 | 22893 | 151 | 6863 | 43 | 2613 | 34 | 104 | 11 | 278 | 23 |
| 1933 | 161 | 22858 | 142 | 6456 | 41 | 2453 | 16 | 37 | 18 | 148 | 14 |
| 1934 | 142 | 22874 | 161 | 4261 | 6 | 456 | 7 | 162 | 14 | - | - |
| 1935 | 158 | 22688 | 144 | 4897 | 35 | 1749 | 32 | 202 | 10 | - | - |
| 1936 | 157 | 22688 | 144 | 5469 | 4 | 2399 | 16 | 120 | 20 | 8 | 9 |
| 1937 | 135 | 23008 | 170 | 5863 | 25 | 2437 | 44 | 648 | 11 | 60 | 26 |
| 1938 | 147 | 22790 | 155 | 5462 | 20 | 3043 | 38 | 75 | 8 | 60 | 30 |
| 10Yr. Ave. | 151 | 22855 | 151 | 5739 | 32 | 2326 | 30 | 179 | 14 | 101 | 21 |
| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | | | |
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres | | |
| 1929 | 4 | 10 | 2 | 18 | 285 | 603 | - | 82 | 2797 | | |
| 1930 | 2 | 20 | 6 | 13 | 399 | 279 | - | 90 | 2496 | | |
| 1931 | - | - | 2 | 15 | 555 | 85 | - | 98 | 2064 | | |
| 1932 | 6 | 7 | 45 | 17 | 456 | 71 | - | 91 | 2033 | | |
| 1933 | - | - | 42 | 12 | 63 | 310 | 5 | 100 | 3168 | | |
| 1934 | 17 | 9 | 113 | 5 | 47 | 146 | - | 138 | 1995 | | |
| 1935 | 109 | 12 | 211 | 9 | 1216 | 10 | - | 211 | 1871 | | |
| 1936 | 183 | 13 | 35 | 8 | 121 | - | 3 | 229 | 2445 | | |
| 1937 | 420 | 17 | 45 | 10 | 492 | - | - | 221 | 1169 | | |
| 1938 | 263 | 13 | 42 | 25 | 577 | - | 1 | 258 | 1084 | | |
| 10Yr. Ave. | 100 | 14 | 54 | 10 | 421 | 150 | 1 | 152 | 2112 | | |
| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Buildings, Feedlots, Highways Acres | Woodlots for Timber only Acres | Waste-land Acres | Idle Crop Land Acres | | | | |
| | | | | | | | | | | | |
| 1929 | 37 | 9399 | 41 | 1147 | 320 | 68 | 207 | | | | |
| 1930 | 71 | 9379 | 62 | 1193 | 118 | 38 | 34 | | | | |
| 1931 | 72 | 9234 | 75 | 1165 | 210 | 150 | - | | | | |
| 1932 | 104 | 8898 | 37 | 1176 | 38 | 149 | 93 | | | | |
| 1933 | 98 | 8772 | 83 | 1133 | 48 | 129 | 223 | | | | |
| 1934 | 72 | 11028 | 97 | 1110 | 263 | 24 | 3229 | | | | |
| 1935 | 51 | 9343 | 189 | 1140 | 48 | 68 | 1594 | | | | |
| 1936 | 77 | 9648 | 55 | 1240 | 15 | 12 | 858 | | | | |
| 1937 | 52 | 9610 | 150 | 1192 | 201 | 78 | 591 | | | | |
| 1938 | 16 | 10034 | 161 | 1167 | 35 | 188 | 582 | | | | |
| 10Yr. Ave. | 65 | 9534 | 95 | 1166 | 130 | 90 | 740 | | | | |

10 Year Average Acres: Flaxseed 4 ; Spring Wheat 1 ; Popcorn 2 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 9
LAND UTILIZATION AND YIELDS

New Hope Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | WINTER WHEAT | | BARLEY | |
|------------|----------------|-------------------|-----------------------|-------------------------------------|--------------------------------|------------------------|----------------------|----------------|--------------------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 126 | 21640 | 172 | 5890 | 28 | 2609 | 19 | 310 | 15 | 288 | 15 |
| 1930 | 119 | 20752 | 174 | 5722 | 24 | 2345 | 38 | 255 | 16 | 353 | 24 |
| 1931 | 120 | 20763 | 173 | 5732 | 31 | 2684 | 31 | 181 | 19 | 373 | 19 |
| 1932 | 129 | 20038 | 155 | 5663 | 38 | 2268 | 31 | 11 | 14 | 335 | 18 |
| 1933 | 134 | 19839 | 148 | 5117 | 38 | 1972 | 13 | 112 | .7 | 227 | 6 |
| 1934 | 133 | 19853 | 149 | 3939 | 5 | 160 | 5 | 127 | 3 | - | - |
| 1935 | 126 | 19707 | 156 | 4102 | 29 | 1469 | 27 | 111 | 8 | 7 | 14 |
| 1936 | 126 | 19779 | 157 | 4291 | 6 | 2365 | 16 | 198 | 17 | - | - |
| 1937 | 122 | 19711 | 162 | 4404 | 37 | 2270 | 42 | 470 | 10 | 3 | 19 |
| 1938 | 122 | 20872 | 171 | 4569 | 30 | 2878 | 31 | 78 | 10 | 6 | 10 |
| 10Yr. Ave. | 126 | 20295 | 161 | 4943 | 31 | 2102 | 28 | 185 | 13 | 159 | 17 |
| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | | | |
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres | | |
| 1929 | 43 | 15 | 51 | 7 | 270 | 455 | 27 | 41 | 2454 | | |
| 1930 | 24 | 30 | 8 | 5 | 128 | 137 | - | 46 | 2155 | | |
| 1931 | 57 | 14 | 12 | 12 | 224 | 224 | - | 36 | 2024 | | |
| 1932 | 4 | 4 | - | - | 84 | 5 | - | 30 | 1836 | | |
| 1933 | 2 | 14 | 19 | 21 | 20 | 25 | - | 63 | 2201 | | |
| 1934 | 20 | 2 | 116 | 6 | - | 15 | - | 68 | 2342 | | |
| 1935 | 38 | 10 | - | - | 641 | 44 | - | 80 | 1807 | | |
| 1936 | 135 | 9 | 8 | 5 | 30 | - | - | 150 | 2084 | | |
| 1937 | 181 | 17 | 28 | 14 | 262 | - | - | 173 | 1437 | | |
| 1938 | 95 | 8 | 24 | 23 | 292 | 41 | 5 | 302 | 1557 | | |
| 10Yr. Ave. | 60 | 12 | 27 | 10 | 195 | 95 | 3 | 89 | 1990 | | |
| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Buildings, Feedlots, Highways Acres | Woodlots for Timber only Acres | Waste-land Acres | Idle Crop Land Acres | | | | |
| | Acres | Acres | Acres | Acres | Acres | Acres | Acres | | | | |
| 1929 | 22 | 8178 | - | 1193 | - | 305 | - | | | | |
| 1930 | - | 8500 | - | 1191 | - | 71 | - | | | | |
| 1931 | - | 8176 | - | 1190 | - | 110 | - | | | | |
| 1932 | - | 8525 | - | 1170 | 15 | 75 | 52 | | | | |
| 1933 | 20 | 8537 | 10 | 1084 | 21 | 126 | 371 | | | | |
| 1934 | 32 | 9136 | 10 | 1083 | - | 207 | 2631 | | | | |
| 1935 | 34 | 8519 | 44 | 1125 | - | 65 | 1745 | | | | |
| 1936 | 13 | 8595 | 12 | 1115 | - | 216 | 717 | | | | |
| 1937 | 29 | 8694 | 20 | 1119 | - | 248 | 546 | | | | |
| 1938 | 16 | 9475 | 94 | 1074 | 10 | 284 | 415 | | | | |
| 10Yr. Ave. | 17 | 8638 | 19 | 1134 | 5 | 171 | 648 | | | | |

10 Year Average Acres: Flaxseed 3 ; Spring Wheat .6; Popcorn .5 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 10
LAND UTILIZATION AND YIELDS

Flatte Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | WINTER WHEAT | | BARLEY | |
|------------|----------------|-------------------|-----------------------|-------------------------------------|--------------------------------|------------------------|----------------------|----------------|--------------------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 126 | 22739 | 180 | 5838 | 29 | 2569 | 20 | 136 | 21 | 141 | 18 |
| 1930 | 128 | 21775 | 170 | 6737 | 33 | 2709 | 34 | 143 | 17 | 142 | 28 |
| 1931 | 122 | 21928 | 180 | 7195 | 23 | 2893 | 27 | 57 | 9 | 243 | 23 |
| 1932 | 122 | 22418 | 184 | 7351 | 40 | 2986 | 31 | 71 | 15 | 223 | 18 |
| 1933 | 121 | 22521 | 186 | 6204 | 44 | 3122 | 16 | 97 | 15 | 135 | 9 |
| 1934 | 121 | 22726 | 188 | 5638 | 8 | 332 | 3 | 126 | 7 | - | - |
| 1935 | 116 | 22346 | 193 | 5007 | 26 | 2029 | 29 | 199 | 12 | - | - |
| 1936 | 115 | 22058 | 192 | 5809 | 6 | 2480 | 20 | 315 | 19 | - | - |
| 1937 | 123 | 22490 | 183 | 6169 | 41 | 2461 | 44 | 652 | 12 | 5 | 20 |
| 1938 | 123 | 22469 | 183 | 6395 | 29 | 3144 | 35 | 118 | 10 | 29 | 10 |
| 10Yr. Ave. | 122 | 22347 | 184 | 6234 | 32 | 2472 | 28 | 191 | 14 | 92 | 19 |
| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | | | |
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres* | Alfalfa Acres* | All Tame Hay Acres | | |
| 1929 | - | - | 4 | 6 | 414 | 766 | - | 86 | 2914 | | |
| 1930 | - | - | 9 | 18 | 263 | 163 | - | 107 | 2362 | | |
| 1931 | - | - | 28 | 13 | 520 | - | - | 93 | 1778 | | |
| 1932 | 5 | 16 | 26 | 25 | 399 | - | - | 112 | 1465 | | |
| 1933 | - | - | 44 | 21 | 51 | 340 | - | 140 | 3239 | | |
| 1934 | - | - | 47 | 7 | - | 45 | - | 162 | 2577 | | |
| 1935 | 99 | 11 | 211 | 12 | 1247 | 21 | - | 185 | 1837 | | |
| 1936 | 83 | 16 | 78 | 11 | 334 | - | - | 146 | 2093 | | |
| 1937 | 255 | 19 | 114 | 10 | 730 | - | - | 191 | 1146 | | |
| 1938 | 121 | 12 | 96 | 18 | 505 | 26 | 6 | 141 | 1269 | | |
| 10Yr. Ave. | 56 | 16 | 66 | 13 | 446 | 136 | .6 | 136 | 2068 | | |
| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Buildings, Feedlots, Highways Acres | Woodlots for Timber only Acres | Waste-land Acres | Idle Crop Land Acres | | | | |
| 1929 | 10 | 9152 | 17 | 1227 | - | 51 | 266 | | | | |
| 1930 | 19 | 7931 | 3 | 1083 | - | 139 | 235 | | | | |
| 1931 | 28 | 7610 | 3 | 1178 | 244 | 151 | - | | | | |
| 1932 | 33 | 8229 | 5 | 1129 | 175 | 176 | 145 | | | | |
| 1933 | 50 | 7986 | 31 | 1094 | 164 | 161 | 143 | | | | |
| 1934 | 29 | 9410 | 62 | 1212 | 118 | 158 | 3017 | | | | |
| 1935 | 44 | 8476 | 4 | 1158 | 262 | 119 | 1654 | | | | |
| 1936 | 31 | 8777 | 214 | 882 | 173 | 136 | 653 | | | | |
| 1937 | 40 | 9264 | 119 | 928 | 10 | 135 | 462 | | | | |
| 1938 | 44 | 8617 | 162 | 1076 | 2 | 300 | 585 | | | | |
| 10Yr. Ave. | 33 | 8545 | 62 | 1097 | 115 | 153 | 716 | | | | |

10 Year Average Acres: Flaxseed .4 ; Spring Wheat 1 ; Popcorn .5 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 11
LAND UTILIZATION AND YIELDS

Pleasant Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | WINTER WHEAT | | BARLEY | |
|-------------|-----------|------------------|-----------------|------------------------------|--------------------------|------------------------|--------------------|----------------|--------------------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 125 | 21540 | 172 | 4896 | 31 | 1808 | 20 | 93 | 14 | 34 | 20 |
| 1930 | 126 | 21578 | 171 | 5056 | 26 | 2289 | 29 | 143 | 17 | 20 | 20 |
| 1931 | 110 | 21079 | 192 | 4915 | 33 | 2268 | 23 | 214 | 15 | 20 | 26 |
| 1932 | 116 | 21551 | 186 | 4817 | 36 | 2182 | 24 | 92 | 9 | 8 | 9 |
| 1933 | 116 | 21417 | 185 | 4636 | 40 | 1432 | 9 | 38 | 11 | - | - |
| 1934 | 116 | 21431 | 185 | 3688 | 9 | - | - | 13 | 5 | - | - |
| 1935 | 119 | 21448 | 180 | 2960 | 24 | 764 | 27 | 10 | 20 | - | - |
| 1936 | 115 | 22942 | 199 | 3970 | 11 | 1454 | 17 | 117 | 13 | - | - |
| 1937 | 111 | 22763 | 205 | 3753 | 38 | 1646 | 39 | 522 | 10 | 8 | 30 |
| 1938 | 118 | 23017 | 195 | 3805 | 23 | 1947 | 31 | 70 | 13 | - | - |
| 10 Yr. Ave. | 117 | 21877 | 187 | 4250 | 30 | 1579 | 25 | 131 | 12 | 9 | 21 |
| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | | | |
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres | | |
| 1929 | 30 | 7 | 11 | 9 | 299 | 163 | - | 27 | 3135 | | |
| 1930 | 17 | 12 | 36 | 7 | 555 | 139 | - | 14 | 1796 | | |
| 1931 | 19 | 14 | 6 | 17 | 819 | 45 | - | 9 | 1242 | | |
| 1932 | 3 | 5 | 8 | 8 | 509 | 134 | - | 8 | 2142 | | |
| 1933 | 2 | 10 | 11 | 17 | 98 | 158 | 24 | 13 | 3022 | | |
| 1934 | 5 | 20 | 126 | 8 | 107 | 141 | - | - | 1808 | | |
| 1935 | 10 | 20 | 17 | 4 | 979 | 15 | - | 52 | 2008 | | |
| 1936 | 3 | 5 | - | - | 338 | - | - | 141 | 2645 | | |
| 1937 | 96 | 15 | 6 | 17 | 673 | - | - | 96 | 1274 | | |
| 1938 | 68 | 7 | 26 | 14 | 555 | 147 | 8 | 102 | 1617 | | |
| 10 Yr. Ave. | 25 | 12 | 25 | 9 | 493 | 94 | 3 | 46 | 2069 | | |
| Year | Wild Hay | All Pasture | All Other Crops | Buildings Feedlots, Highways | Woodlots for Timber only | Waste-land | Idle Crop Land | | | | |
| | Acres | Acres | Acres | Acres | Acres | Acres | Acres | | | | |
| 1929 | 5 | 10039 | 5 | 704 | 162 | 147 | 172 | | | | |
| 1930 | - | 10273 | 14 | 706 | 225 | 135 | 313 | | | | |
| 1931 | 2 | 10354 | 4 | 598 | 81 | 465 | 72 | | | | |
| 1932 | 3 | 10005 | 9 | 817 | 100 | 711 | 145 | | | | |
| 1933 | 16 | 9740 | 28 | 811 | 229 | 810 | 520 | | | | |
| 1934 | 9 | 9626 | 32 | 802 | 433 | 1050 | 3732 | | | | |
| 1935 | 18 | 10410 | 111 | 881 | 301 | 596 | 2385 | | | | |
| 1936 | 8 | 10408 | 5 | 980 | 500 | 1499 | 1015 | | | | |
| 1937 | 12 | 10168 | 77 | 964 | 416 | 1353 | 1795 | | | | |
| 1938 | 13 | 10440 | 82 | 963 | 387 | 1923 | 1113 | | | | |
| 10 Yr. Ave. | 9 | 10146 | 37 | 823 | 283 | 869 | 1126 | | | | |

10 Year Average Acres: Flaxseed 4; Spring Wheat .2; Popcorn 2. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 12
LAND UTILIZATION AND YIELDS

Sand Creek Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | WINTER WHEAT | | BARLEY | |
|-------------|-----------|------------------|-----------------|-------------------------------|--------------------------|------------------------|--------------------|----------------|--------------------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 111 | 21351 | 192 | 5371 | 29 | 2421 | 20 | 194 | 11 | 341 | 14 |
| 1930 | 138 | 21646 | 157 | 6075 | 27 | 2673 | 35 | 287 | 15 | 170 | 27 |
| 1931 | 133 | 21984 | 165 | 6025 | 31 | 2474 | 30 | 252 | 18 | 274 | 24 |
| 1932 | 146 | 22576 | 155 | 6492 | 36 | 2627 | 29 | 73 | 17 | 459 | 18 |
| 1933 | 134 | 22122 | 165 | 5478 | 40 | 2581 | 11 | 103 | 8 | 78 | 4 |
| 1934 | 138 | 22669 | 164 | 4556 | 6 | 207 | 3 | 83 | 7 | - | - |
| 1935 | 139 | 22483 | 162 | 4293 | 24 | 1458 | 33 | 152 | 11 | 45 | 11 |
| 1936 | 119 | 22447 | 189 | 4847 | 7 | 2116 | 19 | 263 | 16 | 14 | 6 |
| 1937 | 122 | 22561 | 185 | 4957 | 37 | 2659 | 43 | 463 | 13 | 6 | 50 |
| 1938 | 117 | 22427 | 192 | 4692 | 25 | 2592 | 37 | 230 | 13 | 24 | 35 |
| 10 Yr. Ave. | 130 | 22227 | 171 | 5279 | 31 | 2181 | 28 | 210 | 13 | 141 | 18 |
| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | | | |
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres | | |
| 1929 | 8 | 10 | 34 | 14 | 818 | 671 | - | 16 | 2699 | | |
| 1930 | 14 | 24 | 105 | 12 | 582 | 222 | - | 9 | 2222 | | |
| 1931 | 36 | 17 | 61 | 17 | 1025 | 200 | - | 22 | 1743 | | |
| 1932 | - | - | 94 | 13 | 356 | 49 | 35 | 38 | 2161 | | |
| 1933 | 1 | 8 | 185 | 15 | - | 120 | 27 | 67 | 3336 | | |
| 1934 | 23 | 7 | 383 | 7 | - | 108 | - | 129 | 3750 | | |
| 1935 | 127 | 9 | 49 | 8 | 1322 | 14 | - | 170 | 2295 | | |
| 1936 | 85 | 14 | 45 | 14 | 622 | - | - | 205 | 3145 | | |
| 1937 | 127 | 19 | 90 | 14 | 1054 | - | - | 205 | 1713 | | |
| 1938 | 75 | 13 | 108 | 23 | 702 | 80 | - | 172 | 2085 | | |
| 10 Yr. Ave | 60 | 14 | 115 | 12 | 648 | 146 | 6 | 103 | 2515 | | |
| Year | Wild Hay | All Pasture | All Other Crops | Buildings, Feedlots, Highways | Woodlots for Timber Only | Waste-land | Idle Crop Land | | | | |
| | Acres | Acres | Acres | Acres | Acres | Acres | Acres | | | | |
| 1929 | 4 | 8453 | - | 903 | 23 | 82 | - | | | | |
| 1930 | 15 | 8296 | 14 | 1118 | - | 10 | 65 | | | | |
| 1931 | 14 | 8675 | 13 | 1152 | - | 45 | 195 | | | | |
| 1932 | - | 9069 | - | 1205 | - | - | - | | | | |
| 1933 | 3 | 8531 | 21 | 1109 | 23 | - | 646 | | | | |
| 1934 | 19 | 9631 | 3 | 1131 | 75 | 22 | 2786 | | | | |
| 1935 | 5 | 9397 | 17 | 1131 | 72 | 27 | 2093 | | | | |
| 1936 | - | 9631 | 12 | 1071 | - | 91 | 505 | | | | |
| 1937 | 12 | 9666 | 100 | 1156 | - | 100 | 358 | | | | |
| 1938 | 15 | 9985 | 91 | 1305 | - | 222 | 301 | | | | |
| 10 Yr. Ave | 9 | 9133 | 27 | 1128 | 19 | 60 | 695 | | | | |

10 Year Average Acres: Flaxseed 2; Spring Wheat 0; Popcorn 0; (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 13
LAND UTILIZATION AND YIELDS

Spaulding Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | WINTER WHEAT | | BARLEY | |
|-------------|-----------|------------------|-----------------|-------------------------------|--------------------------|------------------------|--------------------|----------------|--------------------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 130 | 22106 | 170 | 6330 | 37 | 2813 | 26 | 87 | 15 | 119 | 20 |
| 1930 | 135 | 21414 | 159 | 6893 | 40 | 3000 | 37 | 35 | 18 | 218 | 19 |
| 1931 | 121 | 21056 | 174 | 7354 | 31 | 2771 | 32 | 24 | 24 | 134 | 19 |
| 1932 | 127 | 22038 | 174 | 8077 | 48 | 2877 | 38 | 103 | 23 | 188 | 28 |
| 1933 | 127 | 22504 | 177 | 7546 | 48 | 3074 | 17 | 38 | 19 | 80 | 15 |
| 1934 | 129 | 22631 | 175 | 6195 | 8 | 1325 | 5 | 76 | 13 | 15 | 3 |
| 1935 | 128 | 22219 | 174 | 6280 | 41 | 2254 | 34 | 287 | 13 | 24 | 27 |
| 1936 | 132 | 22610 | 171 | 7577 | 9 | 2539 | 25 | 166 | 19 | 72 | 24 |
| 1937 | 129 | 22421 | 174 | 7055 | 31 | 2930 | 47 | 783 | 14 | 74 | 28 |
| 1938 | 120 | 22713 | 189 | 7357 | 16 | 3504 | 41 | 196 | 11 | 85 | 28 |
| 10 Yr. Ave. | 128 | 22171 | 173 | 7064 | 35 | 2715 | 32 | 180 | 15 | 101 | 22 |
| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | | | |
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres | | |
| 1929 | - | - | - | - | 322 | 854 | - | 88 | 2903 | | |
| 1930 | - | - | 19 | 8 | 484 | 261 | - | 98 | 2323 | | |
| 1931 | - | - | - | - | 455 | 202 | - | 81 | 2296 | | |
| 1932 | - | - | 20 | 16 | 360 | 137 | - | 91 | 2053 | | |
| 1933 | 18 | 22 | 47 | 19 | 123 | 404 | - | 116 | 3320 | | |
| 1934 | 36 | 7 | 175 | 7 | - | 402 | - | 183 | 3898 | | |
| 1935 | 205 | 14 | 452 | 15 | 1211 | - | 2 | 316 | 2379 | | |
| 1936 | 44 | 15 | 189 | - | 338 | - | - | 382 | 2421 | | |
| 1937 | 446 | 19 | 71 | 11 | 320 | - | - | 435 | 2025 | | |
| 1938 | 126 | 13 | 67 | 17 | 502 | 17 | - | 303 | 1609 | | |
| 10 Yr. Ave. | 88 | 16 | 104 | 12 | 412 | 229 | .2 | 209 | 2523 | | |
| Year | Wild Hay | All Pasture | All Other Crops | Buildings, Feedlots, Highways | Woodlots for Timber only | Waste-land | Idle Crop Land | | | | |
| | Acres | Acres | Acres | Acres | Acres | Acres | Acres | | | | |
| 1929 | 140 | 7950 | 57 | 1113 | - | 93 | 179 | | | | |
| 1930 | 125 | 7041 | 52 | 1185 | - | 33 | 6 | | | | |
| 1931 | 142 | 6673 | 63 | 1109 | - | 45 | 4 | | | | |
| 1932 | 151 | 6849 | 12 | 1322 | - | 26 | - | | | | |
| 1933 | 160 | 6845 | 46 | 1156 | - | 21 | 30 | | | | |
| 1934 | 118 | 8177 | 55 | 1241 | - | 32 | 1268 | | | | |
| 1935 | 143 | 7022 | 173 | 1314 | - | 14 | 459 | | | | |
| 1936 | 98 | 7053 | 35 | 1359 | 14 | 198 | 447 | | | | |
| 1937 | 68 | 7064 | 141 | 1281 | - | - | 163 | | | | |
| 1938 | 83 | 7309 | 39 | 1229 | 3 | 104 | 500 | | | | |
| 10 Yr. Ave. | 123 | 7199 | 67 | 1231 | 2 | 57 | 308 | | | | |

10 Year Average Acres: Flaxseed 4; Spring Wheat 4; Popcorn 0. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics, Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 14
LAND UTILIZATION AND YIELDS

Union Township

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | WINTER WHEAT | | BARLEY | |
|-------------|-----------|------------------|-----------------|-------------------------------|--------------------------|------------------------|--------------------|----------------|--------------------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 150 | 21377 | 146 | 4214 | 20 | 1700 | 19 | 253 | 16 | 178 | 14 |
| 1930 | 154 | 21345 | 139 | 4536 | 24 | 2047 | 23 | 267 | 14 | 156 | 21 |
| 1931 | 159 | 21923 | 133 | 4834 | 24 | 1971 | 24 | 307 | 20 | 119 | 17 |
| 1932 | 160 | 21430 | 134 | 4902 | 35 | 2107 | 22 | 269 | 9 | 192 | 22 |
| 1933 | 165 | 21807 | 132 | 4763 | 39 | 1332 | 10 | 221 | 3 | 77 | 4 |
| 1934 | 161 | 21571 | 134 | 3675 | 5 | 57 | 4 | 34 | 6 | - | - |
| 1935 | 162 | 21820 | 135 | 2946 | 20 | 1022 | 20 | 110 | 7 | 4 | 20 |
| 1936 | 131 | 21491 | 164 | 3536 | 11 | 1632 | 17 | 207 | 18 | 19 | 19 |
| 1937 | 139 | 21643 | 156 | 3531 | 31 | 1632 | 41 | 470 | 11 | 25 | 26 |
| 1938 | 127 | 21885 | 172 | 3699 | 30 | 1932 | 35 | 123 | 7 | 11 | 16 |
| 10 Yr. Ave. | 151 | 21680 | 144 | 4069 | 29 | 1605 | 25 | 226 | 13 | 73 | 17 |
| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | | | |
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres | | |
| 1929 | 3 | 15 | 9 | 11 | 129 | 365 | - | 60 | 3235 | | |
| 1930 | 11 | 11 | 40 | 11 | 321 | 113 | - | 9 | 2405 | | |
| 1931 | 8 | 6 | 31 | 4 | 445 | 89 | 3 | 117 | 2010 | | |
| 1932 | 13 | 10 | 7 | 14 | 293 | 33 | - | 153 | 1999 | | |
| 1933 | 18 | 7 | 2 | 15 | 22 | 123 | 40 | 253 | 3050 | | |
| 1934 | 43 | 5 | 218 | 3 | - | 27 | - | 343 | 3117 | | |
| 1935 | 110 | 11 | - | - | 821 | - | 6 | 414 | 2037 | | |
| 1936 | 159 | 7 | - | - | 220 | 3 | - | 394 | 2336 | | |
| 1937 | 362 | 16 | 16 | 7 | 208 | - | - | 350 | 2155 | | |
| 1938 | 139 | 11 | 7 | 19 | 390 | 45 | 10 | 340 | 1902 | | |
| 10 Yr. Ave. | 87 | 12 | 33 | 5 | 285 | 81 | 6 | 244 | 2461 | | |
| Year | Wild Hay | All Pasture | All Other Crops | Buildings, Feedlots, Highways | Woodlots for Timber only | Waste-land | Idle Crop Land | | | | |
| | Acres | Acres | Acres | Acres | Acres | Acres | Acres | | | | |
| 1929 | 17 | 11321 | 3 | 807 | - | - | - | | | | |
| 1930 | 13 | 10398 | 3 | 1023 | - | - | 40 | | | | |
| 1931 | - | 11306 | 1 | 885 | - | - | - | | | | |
| 1932 | - | 10737 | - | 861 | - | - | - | | | | |
| 1933 | 3 | 10875 | 5 | 756 | - | 25 | 113 | | | | |
| 1934 | - | 11637 | 2 | 751 | - | - | 2032 | | | | |
| 1935 | 7 | 11519 | 15 | 750 | - | - | 2473 | | | | |
| 1936 | 10 | 10762 | 57 | 936 | 5 | 514 | 642 | | | | |
| 1937 | 6 | 10664 | 243 | 860 | 60 | 602 | 834 | | | | |
| 1938 | 7 | 11110 | 224 | 916 | 125 | 384 | 856 | | | | |
| 10 Yr. Ave. | 7 | 11038 | 55 | 860 | 19 | 152 | 609 | | | | |

10 Year Average Acres: Flaxseed 2; Spring Wheat .4; Popcorn 2. (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 15
LAND UTILIZATION AND YIELDS
Total Incorporated Town Data:

Afton, Arispe, Creston, Crowwell, Lorimor, Shannon City.

| Year | No. Farms | Acreage in Farms | Ave. Farm Size | CORN | | OATS | | WINTER WHEAT | | BARLEY | |
|-------------|----------------|-------------------|-----------------------|-------------------------------------|--------------------------------|------------------------|----------------------|----------------|--------------------|--------|-----------|
| | | | | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. | Acres | Ave. Yld. |
| 1929 | 65 | 1515 | 23 | 248 | 34 | 102 | 32 | - | - | 1 | 25 |
| 1930 | 74 | 1745 | 24 | 349 | 38 | 59 | 33 | - | - | - | - |
| 1931 | 79 | 1897 | 24 | 421 | 36 | 50 | 29 | - | - | - | - |
| 1932 | 83 | 1756 | 21 | 518 | 47 | 91 | 38 | - | - | - | - |
| 1933 | 87 | 1849 | 21 | 440 | 42 | 62 | 16 | - | - | - | - |
| 1934 | 78 | 1872 | 24 | 463 | - | 20 | 4 | - | - | - | - |
| 1935 | 82 | 2010 | 25 | 431 | 27 | 66 | 37 | 16 | 15 | - | - |
| 1936 | 80 | 1803 | 23 | 474 | 8 | 94 | 29 | 10 | 10 | - | - |
| 1937 | 92 | 1899 | 21 | 506 | 32 | 127 | 47 | 59 | 7 | - | - |
| 1938 | 89 | 1766 | 20 | 402 | 31 | 152 | 33 | 5 | 12 | - | - |
| 10 Yr. Ave | 81 | 1811 | 22 | 425 | 36 | 82 | 33 | 9 | 9 | .1 | 25 |
| Year | RYE | | SOYBEANS | | GRASS SEED | | | TAME HAY | | | |
| | Acres | Ave. Yld. | Acres | Ave. Yld. | Timothy Acres | Red & Als. Clo. Acres* | Sweet Clover Acres | Alfalfa Acres* | All Tame Hay Acres | | |
| 1929 | - | - | 4 | 15 | - | - | - | 63 | 147 | | |
| 1930 | - | - | - | - | - | - | - | 74 | 192 | | |
| 1931 | - | - | - | - | - | - | - | 79 | 156 | | |
| 1932 | - | - | - | - | - | - | - | 61 | 158 | | |
| 1933 | - | - | - | - | 1 | - | - | 87 | 214 | | |
| 1934 | - | - | - | - | - | - | - | 96 | 204 | | |
| 1935 | 4 | 20 | - | - | 18 | - | - | 150 | 306 | | |
| 1936 | - | - | - | - | - | - | - | 88 | 191 | | |
| 1937 | 4 | 10 | - | - | 20 | - | - | 51 | 96 | | |
| 1938 | 4 | 10 | 4 | 18 | - | - | - | 29 | 131 | | |
| 10 Yr. Ave | 1 | 14 | 1 | 16 | 4 | 0 | 0 | 78 | 180 | | |
| Year | Wild Hay Acres | All Pasture Acres | All Other Crops Acres | Buildings, Feedlots, Highways Acres | Woodlots for Timber only Acres | Waste-land Acres | Idle Crop Land Acres | | | | |
| 1929 | - | 865 | 30 | 117 | - | 1 | - | | | | |
| 1930 | - | 382 | 4 | 131 | 616 | 5 | 3 | | | | |
| 1931 | - | 1039 | 62 | 149 | - | 17 | 3 | | | | |
| 1932 | - | 836 | 44 | 105 | - | 4 | - | | | | |
| 1933 | - | 936 | 73 | 117 | - | 4 | 2 | | | | |
| 1934 | - | 892 | 56 | 135 | - | 5 | 97 | | | | |
| 1935 | - | 847 | 70 | 132 | 4 | 20 | 96 | | | | |
| 1936 | - | 842 | 46 | 109 | - | 4 | 33 | | | | |
| 1937 | - | 872 | 64 | 128 | 6 | 10 | 7 | | | | |
| 1938 | 2 | 785 | 103 | 116 | - | 32 | 30 | | | | |
| 10 Yr. Ave. | .2 | 830 | 55 | 124 | 63 | 11 | 27 | | | | |

10 Year Average Acres: Flaxseed 1 ; Spring Wheat 0 ; Popcorn 3 . (Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 16
COUNTY LIVESTOCK NUMBERS
January 1

| Year | All Cattle* | Milk Cows | Horses | Mules | Sheep | Hogs |
|------|-------------|-----------|--------|-------|--------|--------|
| 1870 | 5,207 | 1,668 | 2,349 | 161 | -- | 10,625 |
| 1880 | 18,480 | 5,986 | 6,825 | 488 | 1,065 | 31,944 |
| 1890 | 42,275 | 10,034 | 11,858 | 339 | 2,298 | 44,065 |
| 1900 | 48,151 | 13,003 | 11,830 | 464 | 9,176 | 44,178 |
| 1910 | 32,969 | 8,122 | 11,993 | 656 | 5,089 | 32,928 |
| 1920 | 32,236 | 3,863 | 10,760 | 794 | 14,119 | 54,599 |
| 1925 | 35,434 | 7,815 | 8,612 | 952 | 7,871 | 52,643 |
| 1930 | 32,667 | 8,782 | 7,551 | 706 | 11,001 | 63,371 |
| 1935 | 28,992 | 10,011 | 5,989 | 516 | 8,213 | 31,883 |
| 1936 | 30,454 | 9,426 | 6,109 | 538 | 11,870 | 39,467 |
| 1937 | 29,183 | 8,991 | 5,894 | 483 | 10,074 | 25,746 |
| 1938 | 29,862 | 8,932 | 5,751 | 462 | 11,921 | 35,462 |
| 1939 | 30,648 | 9,053 | 5,422 | 428 | 14,666 | 38,545 |

The figures in this table for the years 1870-1935 inclusive have been derived from the Federal Censuses for Iowa. These enumerations have been made as of different dates. Some enumerations were for a base date of January 1, others for a base date of April 1, and others for June 1.

The census enumerations made in 1920, 1925 and 1935 were for January 1. For comparability the enumerations made for the base dates of April 1 and June 1 were adjusted to an equivalent January 1 base. This adjustment procedure places the livestock data of the above table on the one inventory date of January 1.

The figures for 1936, 1937, 1938 and 1939 for all cattle and milk cows are estimates of the Division of Agricultural Statistics of the Iowa Department of Agriculture and those for horses, mules, hogs and sheep are adjusted state farm assessors' figures.

The adjusted county figures for horses, mules, hogs and sheep for the last four years in the table are more nearly accurate than those in Table 17 and comparison with these figures will provide an estimate of the bias displayed by the unadjusted state farm assessors' figures.

* Includes Milk Cows.

TABLE 17
LIVESTOCK NUMBERS
By Townships

| Township | 1936 | | | | | 1937 | | | | |
|------------|--------|-------|--------|-------|-------|--------|-------|--------|-------|-------|
| | Horses | Mules | Cattle | Sheep | Hogs | Horses | Mules | Cattle | Sheep | Hogs |
| Dodge | 481 | 60 | 2377 | 469 | 2619 | 452 | 49 | 2020 | 422 | 1466 |
| Douglas | 423 | 25 | 2334 | 474 | 2886 | 424 | 27 | 2107 | 269 | 1930 |
| Grant | 541 | 16 | 2446 | 534 | 2590 | 500 | 21 | 2210 | 487 | 1311 |
| Highland | 511 | 38 | 2487 | 936 | 2574 | 469 | 32 | 2194 | 435 | 1480 |
| Jones | 396 | 13 | 1843 | 404 | 1620 | 327 | 13 | 1691 | 373 | 1079 |
| Lincoln | 544 | 34 | 2617 | 898 | 3211 | 578 | 44 | 2347 | 848 | 2390 |
| New Hope | 439 | 42 | 2358 | 832 | 2120 | 410 | 34 | 1708 | 664 | 1160 |
| Platte | 414 | 46 | 2491 | 322 | 2629 | 385 | 33 | 2229 | 514 | 1522 |
| Pleasant | 391 | 52 | 1836 | 401 | 1549 | 351 | 40 | 1591 | 429 | 819 |
| Sand Creek | 532 | 40 | 2321 | 1204 | 3122 | 468 | 24 | 2064 | 694 | 1958 |
| Spaulding | 561 | 41 | 3266 | 906 | 3982 | 535 | 38 | 2686 | 1102 | 3012 |
| Union | 385 | 35 | 1771 | 328 | 1631 | 427 | 46 | 1742 | 355 | 1046 |
| ALL TOWNS | 50 | - | 208 | 3 | 193 | 43 | - | 143 | - | 16 |
| COUNTY | 5668 | 442 | 28375 | 7711 | 30726 | 5369 | 401 | 24732 | 6592 | 19189 |

| Township | 1938 | | | | | 1939 | | | | |
|------------|--------|-------|--------|-------|-------|--------|-------|--------|-------|-------|
| | Horses | Mules | Cattle | Sheep | Hogs | Horses | Mules | Cattle | Sheep | Hogs |
| Dodge | 424 | 42 | 2002 | 534 | 2168 | 437 | 34 | 2125 | 1173 | 2847 |
| Douglas | 409 | 24 | 2343 | 286 | 2614 | 302 | 29 | 2132 | 184 | 1912 |
| Grant | 466 | 21 | 2259 | 779 | 1966 | 482 | 18 | 2364 | 1214 | 2789 |
| Highland | 474 | 26 | 2265 | 423 | 1971 | 437 | 20 | 2227 | 321 | 2952 |
| Jones | 336 | 20 | 1705 | 390 | 1582 | 352 | 17 | 1784 | 584 | 2181 |
| Lincoln | 546 | 30 | 2333 | 1344 | 2410 | 478 | 32 | 2512 | 1083 | 2480 |
| New Hope | 394 | 47 | 1799 | 555 | 1699 | 331 | 34 | 2099 | 543 | 2212 |
| Platte | 397 | 28 | 2477 | 529 | 2491 | 440 | 40 | 2625 | 611 | 3003 |
| Pleasant | 388 | 41 | 1699 | 450 | 1350 | 321 | 30 | 1759 | 1234 | 1511 |
| Sand Creek | 470 | 33 | 2172 | 812 | 2252 | 429 | 40 | 2177 | 2064 | 2396 |
| Spaulding | 526 | 51 | 2934 | 1806 | 3846 | 508 | 48 | 2737 | 904 | 4433 |
| Union | 407 | 29 | 1753 | 374 | 1314 | 438 | 24 | 1829 | 615 | 1877 |
| ALL TOWNS | 49 | - | 176 | - | 123 | 49 | - | 183 | 13 | 95 |
| COUNTY | 5286 | 392 | 25917 | 8282 | 25785 | 5004 | 366 | 26553 | 10543 | 30688 |

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias. Compare Table 16 for magnitude of the bias.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 18
CREAMERY STATISTICS

| Year | Number of Creameries In County | Butter Made | Butter Sold In Iowa | Butter Sold Out Of Iowa |
|------|--------------------------------|-----------------|---------------------|-------------------------|
| | | Thousand Pounds | Thousand Pounds | Thousand Pounds |
| 1905 | 1 | 750 | 50 | 700 |
| 1906 | 1 | 1000 | * | * |
| 1907 | 2 | 981 | 4 | * |
| 1908 | 1 | 183 | 9 | * |
| 1909 | 2 | 204 | 12 | * |
| 1910 | 1 | 181 | 7 | * |
| 1911 | 2 | 676 | 116 | * |
| 1912 | 2 | 553 | 108 | 445 |
| 1913 | 2 | 586 | 37 | 549 |
| 1914 | 2 | 276 | 50 | 225 |
| 1915 | 2 | 643 | 92 | 551 |
| 1916 | 2 | 936 | 72 | 864 |
| 1917 | 2 | 844 | 839 | 769 |
| 1918 | 2 | 843 | 70 | 726 |
| 1919 | 2 | 3700 | 33 | 750 |
| 1920 | 2 | 761 | 41 | 2 |
| 1921 | 3 | 1015 | 328 | 704 |
| 1922 | 3 | 1380 | 486 | 957 |
| 1923 | 4 | 1522 | 418 | 1103 |
| 1924 | 4 | 1654 | 349 | 1403 |
| 1925 | 4 | 2335 | 314 | 1924 |
| 1926 | 4 | 3319 | 193 | 3128 |
| 1927 | 4 | 4606 | 468 | 4227 |
| 1928 | 4 | 4624 | 563 | 3805 |
| 1929 | 3 | 4700 | 270 | 4367 |
| 1930 | 4 | 4587 | 206 | 4379 |
| 1931 | 4 | 4574 | 239 | 4348 |
| 1932 | 4 | 4484 | 221 | 4467 |
| 1933 | 3 | 4213 | 188 | 4025 |
| 1934 | 3 | 4129 | 321 | 3806 |
| 1935 | 4 | 4045 | 222 | 3808 |
| 1936 | 6 | 3040 | 187 | 2898 |
| 1937 | 6 | 2880 | 188 | 2529 |
| 1938 | 5 | 2673 | 202 | 2419 |

The sum of the two columns "Butter Sold In Iowa" and "Butter Sold Out of Iowa" is not intended to equal the second column "Butter Made", because stocks of butter on hand at the end of the year and butter used for miscellaneous purposes are not included in this table.

* Not given in source.

Source: Division of Agriculture Statistics,
Iowa Department of Agriculture.

TABLE 19
CHICKENS AND EGGS
1880-1935

| Year | Chickens | Eggs Produced |
|------|----------|---------------|
| | Number | Dozen |
| 1880 | 53,675 | 179,133 |
| 1885 | 80,695 | 156,750 |
| 1890 | 180,704 | 460,999 |
| 1895 | 134,753 | 507,792 |
| 1900 | 131,329 | 826,340 |
| 1905 | 137,897 | 479,281 |
| 1910 | 214,709 | 796,795 |
| 1915 | 209,758 | 901,091 |
| 1920 | 215,908 | 1,008,609 |
| 1925 | 210,467 | 834,712 |
| 1930 | 202,126 | 1,263,564 |
| 1935 | 151,076 | 1,113,708 |

Source: U. S. Agricultural Census.
Iowa Agricultural Census.

TABLE 20
NUMBER OF FARMS REPORTING SPECIFIED ITEMS

| Year | Number of Farms | GRAIN CROPS | | | | | | | | |
|---------|-----------------|-------------|------|--------------|--------------|--------|-----|---------------|-----------|-----------|
| | | Corn | Oats | Winter Wheat | Spring Wheat | Barley | Rye | Buck-wheat | Soy-beans | Flax-seed |
| 1930 | 1695 | 1488 | 1166 | 129 | 4 | 138 | 21 | 0 | 34 | 0 |
| 1932 | 1662 | 1481 | 1098 | 98 | 2 | 208 | 15 | 0 | 35 | 0 |
| 1934 | 1667 | 1465 | 136 | 66 | 0 | 1 | 17 | 4 | 124 | 0 |
| 1936 | 1618 | 1404 | 1041 | 175 | 0 | 13 | 109 | $\frac{1}{1}$ | 60 | 1 |
| 1938 | 1575 | 1422 | 1223 | 124 | 20 | 29 | 123 | $\frac{1}{1}$ | 66 | 1 |
| Average | 1644 | 1452 | 933 | 118 | 5 | 78 | 57 | 1 | 64 | 0 |

| Year | Pop-corn | HAY CROPS | | | | | | | | Wild Hay |
|---------|----------|--------------------|---------|----------|-----------------|---------------|---------------|---------------|----------------|----------|
| | | Clover and Timothy | Alfalfa | Soy-bean | Grain Cut Green | Clover | Timothy | Sudan Grass | Other Tame Hay | |
| 1930 | 4 | 836 | 167 | 58 | $\frac{1}{1}$ | 304 | 216 | 15 | 46 | 87 |
| 1932 | 10 | 528 | 156 | 194 | 117 | 155 | 386 | 94 | 242 | 97 |
| 1934 | 0 | 652 | 239 | 613 | 69 | 249 | 91 | 29 | 600 | 112 |
| 1936 | 1 | 1022 | 381 | 302 | 143 | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | 54 | 118 |
| 1938 | 5 | 629 | 317 | 603 | 92 | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | 62 | 86 |
| Average | 4 | 733 | 252 | 354 | 105 | 236 | 231 | 46 | 201 | 100 |

| Year | GRASS SEED | | | | LIVESTOCK | | | | | |
|---------|------------|---------------------|--------------|-------------|---------------|---------------|---------------|---------------|---------------|------------------------|
| | Timothy | Red & Alsike Clover | Sweet Clover | All Pasture | Horses | Mules | Cattle | Sheep | Hogs | Sows for Spring Farrow |
| 1930 | 291 | 182 | 0 | 1652 | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | 1113 |
| 1932 | 244 | 49 | 2 | 1595 | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | 1124 |
| 1934 | 11 | 70 | 0 | 1590 | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | $\frac{1}{1}$ | 854 |
| 1936 | 191 | 2 | 1 | 1551 | 1231 | 183 | 1321 | 326 | 1062 | 840 |
| 1938 | 361 | 47 | 9 | 1534 | 1207 | 191 | 1332 | 374 | 1141 | 1022 |
| Average | 220 | 70 | 2 | 1584 | 1219 | 187 | 1326 | 350 | 1102 | 991 |

| Year | EQUIPMENT | | | | MISCELLANEOUS | | | | | |
|---------|-----------|--------|-------|--------|---------------|---------------|-----------------|------------|----------------|-------------|
| | Tractors | Trucks | Autos | Radios | Potatoes | Apples | Timber and Wood | Waste-land | Idle Crop Land | Other Crops |
| 1930 | 288 | 94 | 1284 | 792 | 194 | 28 | 59 | 94 | 39 | 43 |
| 1932 | 249 | 66 | 1200 | 564 | 78 | 43 | 56 | 108 | 28 | 36 |
| 1934 | 230 | 69 | 1193 | 624 | 338 | 25 | 82 | 251 | 1037 | 92 |
| 1936 | 353 | 71 | 1141 | 771 | 413 | 44 | 68 | 291 | 380 | 261 |
| 1938 | 417 | 85 | 1189 | 903 | $\frac{1}{1}$ | $\frac{1}{1}$ | 32 | 356 | 320 | 360 |
| Average | 307 | 77 | 1201 | 731 | 256 | 35 | 59 | 220 | 361 | 158 |

$\frac{1}{1}$ Not given in source.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 21
FARM AND LAND TENURE

| Year | OWNERS | | | | PART-OWNERS | | | |
|----------------------|--------------|------------|-------------------|------------|--------------|------------|-------------------|------------|
| | No. of Farms | % of Total | No. of Farm Acres | % of Total | No. of Farms | % of Total | No. of Farm Acres | % of Total |
| 1928 | 785 | 47.7 | 112,067 | 42.4 | 144 | 8.7 | 32,685 | 12.4 |
| 1930 | 831 | 49.0 | 115,009 | 43.8 | 129 | 7.6 | 30,453 | 11.6 |
| 1932 | 648 | 39.0 | 95,211 | 36.4 | 115 | 5.9 | 27,538 | 10.5 |
| 1934 | 666 | 40.0 | 93,381 | 35.4 | 124 | 7.4 | 28,157 | 10.7 |
| 1936 | 626 | 38.7 | 91,034 | 34.4 | 138 | 8.6 | 33,859 | 12.8 |
| 1938 | 568 | 36.1 | 86,444 | 32.7 | 144 | 9.1 | 36,627 | 13.9 |
| 1928 - 38 Average | 686 | 41.8 | 98,858 | 37.5 | 132 | 8.0 | 31,553 | 12.0 |
| Year | TENANTS | | | | TOTALS | | | |
| | No. of Farms | % of Total | No. of Farm Acres | % of Total | No. of Farms | % of Total | No. of Farm Acres | % of Total |
| 1928 | 719 | 43.6 | 119,495 | 45.2 | 1,648 | 100.0 | 264,247 | 100.0 |
| 1930 | 735 | 43.4 | 117,072 | 44.6 | 1,695 | 100.0 | 262,534 | 100.0 |
| 1932 | 899 | 54.1 | 139,161 | 53.1 | 1,662 | 100.0 | 261,910 | 100.0 |
| 1934 | 877 | 52.6 | 142,056 | 53.9 | 1,667 | 100.0 | 263,594 | 100.0 |
| 1936 | 854 | 52.7 | 139,575 | 52.8 | 1,618 | 100.0 | 264,468 | 100.0 |
| 1938 | 863 | 54.8 | 140,997 | 53.4 | 1,575 | 100.0 | 264,068 | 100.0 |
| 1928 - 38 Average | 825 | 50.2 | 133,059 | 50.5 | 1,644 | 100.0 | 263,470 | 100.0 |

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 22
YEARS OF TENURE
January 1, 1935

| Owners | Union County | | State of Iowa | |
|----------------------------------|-----------------|-------------------------|-----------------|------------------------|
| | Number of Farms | Percent of County Total | Number of Farms | Percent of State Total |
| On present farm less than 1 year | 51 | 8.5 | 4442 | 5.2 |
| 1 year | 18 | 3.0 | 3198 | 3.8 |
| 2 years | 23 | 3.9 | 3282 | 3.8 |
| 3 years | 10 | 1.7 | 2857 | 3.4 |
| 4 years | 18 | 3.0 | 3228 | 3.8 |
| 5-9 years | 78 | 13.0 | 11726 | 13.8 |
| 10-14 years | 80 | 13.4 | 11279 | 13.2 |
| 15 years and over | 320 | 53.5 | 45076 | 53.0 |
| TOTALS | 598 | 100.0 | 85088 | 100.0 |
| Tenants | | | | |
| On present farm less than 1 year | 236 | 27.5 | 21763 | 20.1 |
| 1 year | 176 | 20.5 | 15053 | 13.9 |
| 2 years | 107 | 12.5 | 11555 | 10.7 |
| 3 years | 46 | 5.4 | 8285 | 7.7 |
| 4 years | 64 | 7.5 | 7564 | 7.0 |
| 5 years and over | 228 | 26.6 | 43826 | 40.6 |
| TOTALS | 857 | 100.0 | 108046 | 100.0 |

Source: U. S. Agricultural Census.

TABLE 23
FREQUENCY DISTRIBUTION OF FARMS BY SIZE CLASSES

| Acres in Farms | Number of Farms | | | | | | | | | | | | | | | |
|----------------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|--|--|--|--|
| | 1928 | | 1930 | | 1932 | | 1934 | | 1936 | | 1938 | | | | | |
| | No. of Farms | % of Total | No. of Farms | % of Total | No. of Farms | % of Total | No. of Farms | % of Total | No. of Farms | % of Total | No. of Farms | % of Total | | | | |
| 0- 9 | 27 | 1.64 | 42 | 2.48 | 50 | 3.01 | 42 | 2.52 | 44 | 2.72 | 37 | 2.35 | | | | |
| 10- 29 | 60 | 3.64 | 77 | 4.54 | 75 | 4.51 | 86 | 5.16 | 89 | 5.50 | 75 | 4.76 | | | | |
| 30- 49 | 69 | 4.19 | 90 | 5.51 | 80 | 4.81 | 85 | 5.10 | 80 | 4.94 | 65 | 4.13 | | | | |
| 50- 69 | 37 | 2.24 | 39 | 2.30 | 39 | 2.35 | 44 | 2.64 | 38 | 2.35 | 42 | 2.67 | | | | |
| 70-109 | 324 | 19.66 | 356 | 21.00 | 338 | 20.34 | 327 | 19.61 | 313 | 19.34 | 326 | 20.70 | | | | |
| 110-149 | 271 | 16.44 | 254 | 14.99 | 261 | 15.71 | 257 | 15.42 | 261 | 16.15 | 237 | 15.05 | | | | |
| 150-189 | 389 | 23.60 | 372 | 21.95 | 354 | 21.30 | 382 | 22.91 | 342 | 21.14 | 321 | 20.38 | | | | |
| 190-229 | 137 | 8.31 | 134 | 7.91 | 132 | 7.94 | 114 | 6.82 | 121 | 7.48 | 124 | 7.87 | | | | |
| 230-269 | 120 | 7.28 | 126 | 7.43 | 130 | 7.82 | 133 | 7.98 | 137 | 8.47 | 139 | 8.83 | | | | |
| 270-309 | 54 | 3.28 | 55 | 3.24 | 55 | 3.31 | 49 | 2.94 | 54 | 3.34 | 56 | 3.56 | | | | |
| 310-349 | 69 | 4.19 | 74 | 4.37 | 66 | 3.97 | 62 | 3.72 | 53 | 3.27 | 63 | 4.00 | | | | |
| 350-389 | 25 | 1.52 | 22 | 1.30 | 21 | 1.27 | 26 | 1.56 | 25 | 1.54 | 27 | 1.71 | | | | |
| 390-429 | 24 | 1.46 | 19 | 1.12 | 20 | 1.20 | 22 | 1.32 | 16 | .99 | 19 | 1.21 | | | | |
| 430-469 | 9 | .55 | 7 | .41 | 10 | .60 | 10 | .60 | 12 | .74 | 10 | .63 | | | | |
| 470-509 | 15 | .91 | 10 | .59 | 9 | .54 | 10 | .60 | 12 | .74 | 12 | .76 | | | | |
| 510-549 | 9 | .55 | 5 | .29 | 7 | .42 | 4 | .24 | 5 | .31 | 2 | .13 | | | | |
| 550-589 | 2 | .12 | 2 | .12 | 4 | .24 | 5 | .30 | 5 | .31 | 8 | .51 | | | | |
| 590-629 | 1 | .06 | 1 | .06 | 3 | .18 | 1 | .06 | 3 | .19 | 4 | .25 | | | | |
| 630-669 | 3 | .18 | 7 | .41 | 3 | .18 | 2 | .12 | 3 | .19 | 3 | .19 | | | | |
| 670-709 | 2 | .12 | 1 | .06 | 2 | .12 | 2 | .12 | 1 | .06 | 1 | .06 | | | | |
| 710-over | 1 | .06 | 2 | .12 | 3 | .18 | 4 | .24 | 4 | .25 | 4 | .25 | | | | |
| Total Farms | 1648 | 100.00 | 1695 | 100.00 | 1662 | 100.00 | 1667 | 100.00 | 1618 | 100.00 | 1575 | 100.00 | | | | |

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 24
 AUTOS, TRUCKS, TRACTORS AND RADIOS
 1926-1939

| Year | Automobiles | Trucks | Tractors | Radios |
|------|-------------|--------|----------|--------|
| 1926 | 1,394 | 55 | 152 | 303 |
| 1927 | 1,418 | 83 | 143 | 515 |
| 1928 | 1,475 | 96 | 198 | 622 |
| 1929 | 1,451 | 91 | 217 | 687 |
| 1930 | 1,491 | 120 | 276 | 797 |
| 1931 | 1,453 | 95 | 303 | 798 |
| 1932 | 1,381 | 102 | 291 | 735 |
| 1933 | 1,289 | 67 | 260 | 564 |
| 1934 | 1,303 | 68 | 248 | 560 |
| 1935 | 1,273 | 71 | 235 | 626 |
| 1936 | 1,302 | 84 | 318 | 778 |
| 1937 | 1,226 | 71 | 371 | 799 |
| 1938 | 1,269 | 56 | 423 | 875 |
| 1939 | 1,287 | 66 | 431 | 936 |

Source: Division of Agricultural Statistics,
 Iowa Department of Agriculture.

TABLE 25
ACREAGE OWNED BY CORPORATIONS
January 1, 1937

| Township | Insurance Companies | Banks | Land & Mortgage Companies | Federal Land Banks | Joint Stock Land Banks | Others | Total | % Farm Land Corporate Owned |
|--------------|---------------------|-------|---------------------------|--------------------|------------------------|--------|-------|-----------------------------|
| Pleasant | 4385 | 360 | 774 | 343 | 280 | 440 | 6582 | 36.85 |
| Sand Creek | 4302 | 170 | 80 | 80 | 651 | 135 | 5418 | 23.35 |
| Grant | 2818 | 280 | 140 | 593 | 600 | - | 4431 | 20.45 |
| Platte | 1279 | 187 | 613 | 395 | 160 | 80 | 2714 | 11.95 |
| Jones | 2336 | 480 | 275 | - | 1544 | - | 4635 | 25.26 |
| Union | 2415 | 654 | 479 | - | 80 | 647 | 4275 | 19.06 |
| Highland | 1240 | - | 105 | - | 585 | - | 1930 | 8.73 |
| Douglas | 150 | 37 | - | 290 | - | - | 477 | 2.33 |
| New Hope | 2432 | 200 | 120 | 160 | 120 | 237 | 3269 | 14.90 |
| Dodge | 2160 | 829 | 400 | - | 280 | 280 | 3949 | 18.15 |
| Lincoln | 440 | 80 | 240 | 280 | 320 | 160 | 1520 | 6.87 |
| Spaulding | 620 | 440 | - | 160 | 160 | - | 1380 | 6.22 |
| County Total | 24577 | 3717 | 3226 | 2301 | 4780 | 1979 | 40580 | 15.80 |

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 26
ACREAGE OWNED BY CORPORATIONS
January 1, 1939

| Township | Insur- ance Com- panies | Banks | Land & Mort- gage Com- panies | Fed- eral Land Banks | Joint Stock Land Banks | Others | Total | % Farm Land Corpo- rate Owned |
|--------------|----------------------------------|-------|---|-------------------------------|---------------------------------|--------|-------|---|
| Pleasant | 4265 | 320 | 280 | 423 | 280 | 972 | 6540 | 36.61 |
| Sand Creek | 4707 | 170 | 80 | 240 | 651 | 135 | 5983 | 25.79 |
| Grant | 3890 | 160 | 20 | 1089 | 520 | - | 5679 | 26.21 |
| Platte | 2149 | 280 | - | 587 | 640 | 80 | 3736 | 16.45 |
| Jones | 2596 | 740 | 175 | 495 | 1864 | 92 | 5962 | 32.49 |
| Union | 2535 | 314 | 479 | - | 160 | 727 | 4215 | 18.79 |
| Highland | 1880 | - | 105 | 400 | 585 | 40 | 3010 | 13.61 |
| Douglas | 150 | 37 | - | 630 | - | - | 817 | 3.99 |
| New Hope | 2770 | 160 | 240 | 480 | 320 | 117 | 4087 | 18.63 |
| Dodge | 2240 | 829 | 400 | 400 | 280 | 280 | 4429 | 20.35 |
| Lincoln | 830 | 80 | 240 | 1000 | 320 | 160 | 2630 | 11.90 |
| Spaulding | 756 | 440 | - | 320 | 160 | 160 | 1836 | 8.28 |
| County Total | 28768 | 3530 | 2019 | 6064 | 5780 | 2763 | 48924 | 19.05 |

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 27
VALUE OF FARM LAND AND BUILDINGS
1880-1935

| Year | Number of Farms | Number of Acres* | Value of Land | Value of Buildings | Value of Land and Buildings | Value of Land & Bldgs. | |
|------|-----------------|------------------|---------------|--------------------|-----------------------------|------------------------|----------|
| | | | | | | Per Acre | Per Farm |
| 1880 | 1,425 | 188,454 | \$ - | \$ - | \$ 3,545,732 | \$ 18.81 | \$ 2,488 |
| 1890 | 1,487 | 228,402 | - | - | 5,514,465 | 24.14 | 3,708 |
| 1900 | 1,823 | 268,513 | 8,622,540 | 1,593,330 | 10,215,870 | 38.04 | 5,604 |
| 1910 | 1,619 | 252,807 | 17,279,471 | 2,950,890 | 20,230,361 | 80.02 | 12,496 |
| 1920 | 1,631 | 259,064 | 38,467,523 | 5,542,557 | 43,010,074 | 166.02 | 26,370 |
| 1925 | 1,588 | 248,744 | 20,807,975 | 5,251,709 | 26,059,684 | 104.77 | 16,410 |
| 1930 | 1,626 | 256,789 | 19,472,806 | 6,125,685 | 25,598,491 | 99.69 | 15,743 |
| 1935 | 1,662 | 263,636 | - | - | 12,518,415 | 47.48 | 7,532 |

*Differences in numbers of farms and acres reported in this table and in other tables in this bulletin are due to differences in sources of data.

Source: U. S. Agricultural Census.

TABLE 28
 REAL PROPERTY AND MONEYS AND CREDITS TAXES
 COLLECTIBLE IN 1939, FOR ALL PURPOSES
 (Exclusive of Special Assessments)

| | Cities and Towns | Rural Districts | Total for County |
|---------------------------------|---------------------|--------------------|---------------------|
| General State Tax | \$ 10,832.29 | \$ 22,278.18 | \$ 33,110.47 |
| Soldiers' Bonus Tax | 2,932.57 | 4,152.51 | 7,085.08 |
| General County Tax | 8,124.23 | 16,708.56 | 24,832.79 |
| Court Expense Tax | 3,249.69 | 6,683.44 | 9,933.13 |
| Poor Tax | 8,124.23 | 16,708.55 | 24,832.78 |
| Insane Tax, State Hospital | 2,247.72 | 4,622.73 | 6,870.45 |
| Insane Tax, County Hospital | 1,462.37 | 3,007.57 | 4,469.94 |
| County School Tax | 1,354.03 | 2,784.74 | 4,138.77 |
| Soldiers' Relief Tax | 1,354.03 | 2,784.74 | 4,138.77 |
| General County Bond Tax | 6,553.54 | 13,478.26 | 20,031.80 |
| Court House Tax | - | - | - |
| Emergency Tax | 5,416.14 | 11,139.10 | 16,555.24 |
| Bovine Tuberculosis Eradication | - | - | - |
| Secondary Roads - Construction | 6,154.38 | 19,493.42 | 25,647.80 |
| Secondary Roads - Maintenance | 7,063.85 | 47,341.11 | 57,098.98 |
| District School Tax | 160,566.78 | 112,231.04 | 272,797.82 |
| City Tax | 72,822.12 | - | 72,822.12 |
| Miscellaneous Taxes | 678.54 | 1,726.10 | 2,404.64 |
| Total | 298,936.51 | 285,140.05 | 584,076.56* |

*Includes special one mill tax on moneys and credits for Soldiers' Bonus Bonds.

Source: 1939 Report,
 State Board of Assessment and Review.

TABLE 29
NUMBER OF SCHOOLS BY TYPE

| Type of School | Number of Schools | | |
|--|-------------------|---------|---------|
| | 1928-29 | 1933-34 | 1938-39 |
| 1. Kindergarten | 5 | 4 | 4 |
| 2. One-room rural elementary | 81 | 79 | 77 |
| 3. Two-room (or more) rural elementary | - | - | - |
| 4. Elementary, not rural | 12 | 12 | 12 |
| 5. Separately organized Jr. High | 2 | 1 | 1 |
| 6. Jr.-Sr. High, one organization | 1 | - | - |
| 7. Separately organized Sr. High | 1 | - | - |
| 8. Regular High, 4 years or less | 6 | 8 | 8 |
| 9. Junior College | 1 | 1 | 1 |
| Total Number of Schools | 109 | 105 | 103 |

TABLE 30
ENROLLMENT IN SCHOOLS BY TYPE

| Type of School | Enrollment in Schools | | |
|--|-----------------------|---------|---------|
| | 1928-29 | 1933-34 | 1938-39 |
| 1. Kindergarten | 167 | 103 | 117 |
| 2. One-room rural elementary | 1,075 | 973 | 812 |
| 3. Two-room (or more) rural elementary | - | - | - |
| 4. Elementary, not rural | 1,697 | 1,632 | 1,321 |
| 5. *Jr.-Sr. High, one organization | 984 | 307 | 273 |
| 6. Regular High, 4 years or less | 333 | 1,040 | 1,093 |
| 7. Junior College | 84 | 103 | 92 |
| Total Enrollment in all Schools | 4,340 | 4,158 | 3,708 |

*Includes enrollment for School Types 5, 6 and 7 in Table 29.

Source: Annual Reports of County Superintendents to
State Department of Public Instruction.

TABLE 31
MILES OF ROADS BY TYPE
January 1, 1939

| Type of Surface | Primary Roads Outside Corporations | Secondary Roads | | Total Mileage in Road System |
|-----------------|---|-----------------|-----------------|---------------------------------|
| | | County Trunk | Local County | |
| Earth | | | | |
| Unimproved | - | 46.00 | 626.75 | 672.75 |
| Improved | - | 24.75 | 4.75 | 29.50 |
| Surfaced | | | | |
| Soil Surfaced | - | - | - | - |
| Shale | - | - | - | - |
| Gravel | 13.7 | 31.75 | - | 45.45 |
| Stone | - | 41.50 | 6.50 | 48.00 |
| Paved | | | | |
| Bituminous | - | - | - | - |
| Concrete | 41.2 | - | - | 41.20 |
| Brick | - | - | - | - |
| County Total | 54.9 | 144.00 | 638.00 | 836.90 |

Source: Annual Report, 1938,
Iowa Highway Commission.