

A further measure of the progress made by Canada in agricultural production is obtainable by comparing the acreage and yield of crops per 1,000 of the population. This is done in Table 14 for field crops in the aggregate and for wheat, oats and hay and clover separately, for each of the census years 1870 to 1910 and for 1915 and 1917.

14.—Acreage and Yield of Canadian Crops per 1,000 of the population, 1870-1917.

| Year. | Field Crops. | Wheat. | | Oats. | | Hay and Clover. | |
|-----------|--------------|--------|--------|--------|--------|-----------------|-------|
| | acres. | acres. | bush. | acres. | bush. | acres. | tons. |
| 1870..... | — | 472 | 4,797 | — | 12,189 | 1,047 | 1,095 |
| 1880..... | — | 561 | 7,675 | — | 16,724 | 1,058 | 1,199 |
| 1890..... | 3,268 | 564 | 8,809 | 826 | 17,406 | — | 1,605 |
| 1900..... | 3,713 | 794 | 10,442 | 1,008 | 28,485 | 1,229 | 1,475 |
| 1910..... | 4,794 | 1,230 | 18,325 | 1,200 | 33,792 | 1,149 | 1,568 |
| 1915..... | 4,937 | 1,906 | 47,465 | 1,457 | 58,647 | 993 | 1,338 |
| 1917..... | 5,095 | 1,764 | 27,596 | 1,592 | 48,201 | 983 | 1,636 |

Taking the total under field crops the area has grown from 3,268 per 1,000 of the population in 1890 to 5,095 in 1917. For wheat the area has grown from 472 acres per 1,000 in 1870 to 1,906 acres in 1915 and 1,764 acres in 1917. Wheat production, which was 4,797 bushels per 1,000 in 1870 attained to 47,465 per 1,000 in the prolific year 1915 and to 27,596 in 1917. Oats grew from 12,189 per 1,000 in 1870 to 58,647 in 1915 and 48,201 in 1917. Hay and clover alone show a decrease as regards acreage and only a slight increase as regards yield. For area the rate of 1,047 acres in 1870 has decreased to 983 acres in 1917 and the yield which was 1,095 short tons in 1870 and 1,605 tons in 1890 was not more than 1,636 tons in the good hay year of 1917.

We may fittingly conclude this portion of our review by a comparison of the total areas and total values of field crops, so far as data are available for the purpose. Table 15 gives this comparison for the years 1910 to 1917.

15.—Total Areas and Values of Field Crops, 1910-1917.

| Year. | Areas. | Values. | Year. | Areas. | Values. |
|-----------|------------|-------------|-------|------------|---------------|
| | acres. | \$ | | acres. | \$ |
| 1910..... | 30,556,168 | 384,513,795 | 1914 | 33,436,675 | 638,580,300 |
| 1911..... | 35,261,338 | 597,926,000 | 1915 | 39,140,460 | 825,370,600 |
| 1912..... | 35,575,550 | 557,344,100 | 1916 | 38,930,333 | 886,494,900 |
| 1913..... | 35,374,930 | 552,771,500 | 1917 | 42,602,288 | 1,144,636,450 |

The total area under field crops has grown from 30,556,168 acres in 1910 to 42,602,288 acres in 1917, an increase of 12,046,120 acres, or 39 p.c. To a large extent this increase has been due to a wonderful output of farming energy since the outbreak of the war,