

*By Mr. Mitchell:*

Q. Would it be fair to assume there is no duplication in this one dealing with field crops alone, such as there was in the other where all agricultural products were concerned? For instance, in the first table fodder crops and the animals to which they were fed were included?—A. Unless you include the element of seed. I am not sure whether the element of seed enters into it?—seed used for the succeeding crop.

*By Mr. Perley:*

Q. That is the average per year for the ten year period, is it?—A. No. These are the results for the census years.

Q. It would cover the ten year period?—A. No.

*By Mr. Thorson:*

Q. Are these figures taken from the census returns?—A. Yes; except in 1935 in which case it is the gross agricultural revenue computed by the Dominion Bureau of Statistics.

Q. Then, the first table gives the value in terms of dollars in that particular year, and the second table gives the value in terms of the index of 1926?—A. Yes. It is what the product sold in this year would have brought at 1926 prices. The next table, table 3, shows the acreage in the production of wheat.

Q. Are these tables in the manuscript?—A. Yes, they are. I am going to show some charts later on which are not in the manuscript; but the tables on which the charts are based are in the manuscript.

The significant thing in each of these tables is the increase in output. Production, in terms of volume, (table 1, col. 3), more than doubled between 1900 and 1930. The output of all field crops (table 2, col. 3) between 1870 and 1930 increased nearly sixfold—the acreage of wheat (table 3) was fifteen times as great.

Canada Year Book, Dominion Bureau of Statistics, Ottawa, 1932, p. XXXIV, and Monthly Bulletin of Agricultural Statistics, June, 1936.

TABLE 2.—Value of Field Crops, 1870-1930

Year	Total value.	Values in terms of 1926 prices.
1870.. . . . .	\$111,116,606	\$140,476,115
1880.. . . . .	155,277,427	214,768,225
1890.. . . . .	194,766,934	327,339,385
1900.. . . . .	237,682,285	432,936,765
1910.. . . . .	384,531,795	636,642,044
1920.. . . . .	933,045,936	598,490,016
1930.. . . . .	682,040,900	945,772,714
1935.. . . . .	506,613,900	887,240,000

Data for years 1870-1920 from census reports, those for succeeding years from Canada Year Book and Monthly Bulletin of Agricultural Statistics, January, 1936.

TABLE 3.—Total Amount of Wheat Produced in Canada, 1870-1930

Year	Acres.	Bushels
1870.. . . . .	1,646,781	16,723,873
1880.. . . . .	2,366,554	32,350,269
1890.. . . . .	2,701,213	42,223,372
1900.. . . . .	4,224,542	55,572,368
1910.. . . . .	8,884,514	132,077,547
1920.. . . . .	17,835,734	226,509,411
1930.. . . . .	24,898,000	420,672,000
1933.. . . . .	24,115,700	277,339,000

#### *Factors Responsible for Increase.*

Let us turn now to a consideration of the factors responsible for this increase in output. These include improvements in cultural practices, the development of new and improved varieties and strains of plants, reduction in loss attributable to

[Dr. J. F. Booth.]