

	Yield per acre, 1909.	Total Yield, 1909.	Yield per acre, 1910.	Total Yield, 1910.
	Bush.	Bush.	Bush.	Bush.
<i>Manitoba—</i>				
Spring wheat.....	18.77	52,706,000	13.65	41,159,000
Oats.....	39.76	55,267,000	28.76	41,742,000
Barley.....	29.98	20,866,000	20.21	13,826,000
<i>Saskatchewan—</i>				
Spring wheat.....	23.13	85,197,000	16.73	81,139,000
Oats.....	49.70	91,796,000	31.10	61,367,000
Barley.....	33.28	4,493,000	26.18	3,598,000
<i>Alberta—</i>				
Winter wheat.....	24.80	2,009,000	12.59	1,234,000
Spring wheat.....	24.90	7,570,000	12.32	5,359,000
Oats.....	46.80	38,376,000	24.27	23,644,000
Barley.....	32.25	5,999,000	20.32	3,953,000

Total yield of grain west of Ontario in 1910:—Spring wheat, 127,657,000 bush.; winter wheat, 1,234,000 bush.; coarse grains, oats and barley, 148,130,000 bush.

By Mr. Chisholm, (Huron, :

Q. In regard to the estimate for Saskatchewan, what about the number of acres that are ploughed up, because there were a great many? Will that take away from the average of the others that were not ploughed up but were harvested?

A. The Departmental Statistics, I believe, base their estimate of the average production of crops on the area sown. The total area under crop in the whole Dominion in 1910 was 32,711,062 acres, being an increase of 2,645,506 acres over 1909.

Q. It is quite evident that land that has been ploughed up would, in the estimate, tend to reduce the average?

A. Yes it would. With regard to the yields of cereals in the west, you will notice that the farmers there have a much smaller yield of coarse grains than the farmers in the east have, and of course they have not the same amount of stock to consume it.

RESULTS OBTAINED ON TRIAL PLOTS OF GRAIN ON EXPERIMENTAL FARMS.

It may be interesting here to compare the crops we have had during 1910 on the trial plots of grain on the Experimental Farms in the several provinces of the Dominion, as showing the results obtained under the best treatment of the land for these crops. I may say that a Crop Bulletin has just been issued giving full details as to these results.

CENTRAL EXPERIMENTAL FARM.

In giving you these results, you must bear in mind that they are from plots varying from one-tenth to one-sixtieth of an acre. The difficulty sometimes is to get enough uniform land to permit of the plots being made larger, but the area of land of a uniform character is limited, and we have a great many varieties to test.