

APPENDIX No. 1

Q. That is as compared with 11 bushels this year?

A. Yes. The season of 1910 was such a wonderfully exceptional season in respect of drought that it is not to be wondered at the crops were small. No such season has been experienced in the memory of the oldest inhabitants in that part of Alberta, and we hope it will not occur again in our time. Still, the average of 11 bushels per acre on 'dry-farming' land is not bad when you consider the averages that are got in those states that border on Canada, where the most of the yields were less.

EXPERIMENTAL STATION, LACOMBE, ALTA.

At the Experimental Farm at Lacombe there were also unusually large returns this year. Some are almost unbelievable, but I think the superintendent has checked the returns very carefully. He furnished me figures of the actual weight of grain grown on each plot and the exact sizes of the plots, and thus every means has been taken to get the returns strictly accurate.

	Bush.	Lbs. per acre.
<i>Spring Wheat</i> :—		
Average of 10 varieties..	63	7
<i>Oats</i> :—		
Average of 17 varieties..	74	24
<i>Barley, Six-row</i> :—		
Average of 10 varieties..	69	34
<i>Barley, Two-row</i> :—		
Average of 9 varieties..	60	18

EXPERIMENTAL FARM, AGASSIZ, B.C.

	Bush.	Lbs. per acre.
<i>Spring Wheat</i> :—		
Average of 9 varieties..	26	51
<i>Oats</i> :—		
Average of 17 varieties..	72	23
<i>Barley, Six-row</i> :—		
Average of 10 varieties..	39	2
<i>Barley, Two-row</i> :—		
Average of 9 varieties..	43	14

The details connected with all these figures I have given you will be found in this crop bulletin and a good deal more information in regard to the earliness and adaptability of these special varieties to the different parts of our great Dominion. The outline I have given you shows that the average returns from the plots of grain on the several experimental farms are a long way in advance of the average yields obtained by the farmers of the several provinces. There is no doubt that these latter will materially increase as the farmers gain a better knowledge of their business.

EXPERIMENTAL STATION, FORT VERMILION, ALTA.

Some returns have been received from the experimental station at Fort Vermilion, on the Peace River, Alberta, within the last few days. Fort Vermilion is here and Edmonton here (indicating on the map).

By Mr. Chisholm (Huron):

Q. What is the latitude there?

Hon. Mr. FISHER.—About 58.

Dr. SAUNDERS.—58½ nearly.