

TO THE HONOURABLE THE MINISTER OF AGRICULTURE,

SIR,—I have the honour to submit for your approval, Bulletin No. 50 of the Experimental Farm Series on the Milling and Chemical Value of the Grades of Wheat in the Manitoba Inspection Division, Crop of 1904.

The Milling and Baking tests reported on in Part I. have been conducted by Dr. C. E. Saunders, Experimentalist, while the results of a chemical study of the grain and flour of these grades carried on by Mr. E. T. Shutt, Chemist of the Experimental Farms, are presented in Part II.

The investigations which are reported upon in this bulletin were undertaken under your instructions, in response to a request received from the Manitoba Grain Growers Association, asking that the Experimental Farm staff should determine as accurately as possible the value of each grade of wheat (in the Manitoba Inspection Division) for milling purposes, and also from the standpoint of chemical composition.

This subject is one of deep interest to the farmers of the Canadian North-west, and every effort has been made to make the investigation thorough and complete. The uniformity of the results obtained by these independent workers gives evidence of the care and accuracy with which the work has been conducted, and will doubtless inspire confidence in the reliability of the conclusions reached. I trust that the facts presented in this bulletin will be helpful leading to just conclusions in reference to this important inquiry.

I have the honour to be

Your obedient servant,

WM. SAUNDERS,
Director of Experimental Farms.

OTTAWA, June 6, 1905.