

To the Honourable
The Minister of Agriculture.

SIR,—I beg to submit for your approval Bulletin No. 37 of the Experimental Farm series, which has been prepared under my direction by Mr. W. T. Macoun, Horticulturist of the Central Experimental Farm.

The subject treated of is Apple Culture and the information presented has been derived mainly from the experimental work carried on in connection with apple growing at the Central Farm during the past twelve years. In this bulletin there will be found full information as to the best methods of preparing the soil for an orchard, with particulars also as to the planting and subsequent care of the trees. Instructions are also given as to pruning, grafting and on many other topics relating to this branch of the fruit industry. Lists of varieties of apples are submitted which ripen at different seasons and which are suitable for planting in different parts of Ontario and Quebec and full descriptions as to the character and quality of these varieties are also given. Some of the diseases to which apple trees are subject are also referred to, and a brief account is given by Dr. James Fletcher, Entomologist and Botanist to the Experimental Farms, of some of the more important insects which are injurious to the apple.

It is hoped that the information submitted will be useful to those interested in the cultivation of this fruit in Canada, that it will prove a stimulus to further planting both for home use and export, and that it may aid in making the growing of apples in this country more successful and more profitable.

I have the honour to be,

Your obedient servant,

WM. SAUNDERS,

Director Experimental Farms.

OTTAWA, April 1, 1901.