

substantial barns and stables are now approaching completion, which will provide the accommodation necessary for the farm horses and room for a sufficient number of animals to permit of the conducting of such experiments as may, from time to time, be found desirable in the interest of stock-raising in this country. From this source it is also expected that surplus stock can in time be had, both of pure bred and grade cattle to test in the different climates of the several Provinces in which the other experimental farms will be located. A temporary laboratory has been fitted up for the use of the chemist in the city which will serve a useful purpose until the permanent laboratory can be erected, which it is hoped will be done during the coming year.

The temporary office is quite inadequate to the requirements of the work, but better facilities for transacting business with the public will no doubt before long be provided. The proposed agricultural museum which is to occupy the upper storey of the new office building is also much needed, so that space may be had in which to store samples of the grain and other products of the Experimental Farms, where visiting farmers will have the opportunity of comparing the different varieties, and of gaining much useful information regarding their respective merits, and of the success attending the growing of different crops under the varying climatic and other conditions which obtain in different parts of the Dominion of Canada. The structure erected for the time being for seed testing and propagating and in which valuable work has been done, is now altogether too small to meet the public demand for this class of work, and much useful experimental and preparatory work, which might be carried on, did space permit during the winter, has necessarily been deferred until better accommodation can be provided.

Water Supply.

Recognising the importance and value of an abundant supply of water for all the purposes required in connection with this farm as well as for fire protection, satisfactory arrangements have been made with the city authorities of Ottawa for obtaining a supply from the Ottawa waterworks. A water main, five inches in diameter, has been laid from the city to the highest point on the farm; hydrants have been located near the barns and stables and similar protection will be afforded to the other buildings as the work progresses. From the main, suitable pipes can be laid, to all buildings where water is required.

Arboretum and Botanic Garden.

Sixty-five acres of very suitable land are to be devoted to the important purposes of an Arboretum and Botanic garden where all the useful trees, shrubs and plants of the Dominion, as far as climatic conditions will permit, will be brought together, their growth carefully noted and a knowledge of many other facts acquired, so that useful data in regard to forest questions may be accumulated for future guidance. Such varieties of foreign trees and shrubs as can be obtained will also be tested, for the purpose of ascertaining the relative value of each and every sort for timber and fuel as well as for shelter and ornamental purposes. Canada has been the last of the more important British colonies to undertake this useful department of public work, and it is hoped that by entering on it with vigour and enthusiasm, that although last, our country will not long remain least in this very necessary branch. There is no country where the knowledge obtainable in relation to tree culture can be put to more important and useful purposes, and the establishment of this section will prepare the way for the dissemination of much needed information regarding tree culture and the most serviceable trees to plant over this wide domain, which Canadians will not be long in turning to practical account. A large accumulation of suitable material