

the Dominion Observatory. The trees, shrubs, and flowers, by which these buildings are surrounded, are not only decorations but also experiments, many of them labeled for the instruction of the visitor. Thus beauty and education are combined, and this combination is evident throughout the whole farm.

Close by the residences there are trial-plots of different kinds of fruits, of vegetables, of grains, of hedges, even of grasses. Somewhat farther removed are the poultry houses, the barns, the stables, the work-shops, the pig-pens and the sheep-folds, each constructed and arranged according to the best principles of modern convenience and sanitation. Beyond these stretch the orchards, the grain and hay fields, and the tree-nurseries.

Let me say a word about the trees. The whole farm is protected from the bitter north winds by a fringe of forest on that side. Within the pale, the orchards are further protected by an encircling row of firs, while the homes of the officials nestle snugly behind wind-breaks of evergreens. At the west end of the farm there is a miniature forest containing samples of the most important Canadian trees. All over the farm trees are in abundance, not only the roadways, but, in some cases, even the fences between the fields being lined with them. The effect is very pleasing.

Before concluding, let me give a short review of the different departments at the farm, and of their work. The Dominion Cerealists is concerned with grains, their production, breeding and selection. He distributes many samples of the grains which he finds to give the best results. The Agriculturalist is interested in the care and breeding of cattle, etc., in dairying, and in sanitation. The Horticulturist has the care of fruits, vegetables, and trees, while the Botanist studies the uses of other small plants. The Chemist and the Entomologist are the farm's doctors, making analysis of the different farm products, and devising cures for plant-diseases. The Poultry Manager is concerned in poultry breeding, feeding and housing, and especially in egg-production.

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