

SCHOOL OF HORTICULTURE.

Announcement for 1900.

The establishment of the School of Horticulture is one of the most important works of the Association, and one of which every member is justly proud, for it is the only horticultural school in Canada, or, indeed, in America. The school is aided by a grant from the provincial government, but many members have spent both time and money in the up-building of this institution. It offers to the young men and women of the province a thoroughly practical course in horticulture, where the principles taught in the classroom are illustrated and enforced by the actual performance of the different operations.

The school is located in the most prosperous fruit growing district of the province, a fact of no small significance, for on every hand the student may see evidences of the importance of this industry, and examples of men who have made a success of the growing of fruit. And, aside from this, it gives the student an opportunity to observe the details of orchard management, as performed by practical fruit growers.

The school is equipped with much valuable apparatus, making it possible to illustrate practically many of the subjects taught. The greenhouse is supplied with many plants which furnish material for microscopical study of their structure. A number of fruit trees are also grown in the house, so that students may become familiar with budding and top-grafting by performing these operations themselves. Root grafting of various kinds is performed in the grafting room, attached to which is a root cellar, where materials for such work may be stored. A room adjoining the greenhouse is fitted up as microscopical laboratory, with compound microscopes, dissecting microscope and various accessories. By the use of the microscope the student is made familiar with the structure and growth of such fungus diseases as the black knot of plums and the black spot of apples, which knowledge will aid them greatly in combatting such pests in the orchard. The library and reading room are also connected with the greenhouse and form a very important part of the equipment of the school. Besides many scientific works, the library contains books on the spraying of plants, injurious