

excellent material for laboratory practice. Several other herds of pure-bred animals of different types are sufficiently near the University to be of distinct value, and are used as much as possible.

For a study of the market classes and grades of horses, the working stock of the business firms in the City of Vancouver is available, and is of great value.

**DAIRYING.** This Department is in process of organization. It is proposed to develop it for original investigation, for experimental work, for the giving of instruction within the University, and for the furtherance of the interests of the dairy industry within the Province.

The Department of Dairying is concerned with the handling of clean, hygienic, and satisfactory milk for town and city consumption, from the time the milk is produced on the farm until its use by the consumer. It is prepared to assist all engaged in the handling, transportation, and distribution of milk.

The Department is also intimately concerned with the manufacture of butter and cheese. Investigations of problems which from time to time present themselves to those engaged in the processes of butter-making and cheese-making will be conducted. Experimental work will be undertaken to determine the best methods to be adopted to ensure that milk of the nature already specified shall be available for consumption; to determine the most desirable practices for the butter-maker to follow; to determine the varieties of cheese best suited to the Province, and the processes of manufacture necessary to secure high quality.

In order that such investigations as are necessary may be conducted, a working laboratory has been provided.

**HORTICULTURE.** A beginning was made in the organization of this Department in the autumn of 1916. It aims to develop investigation and experimental work, to give instruction within the University, and generally to further the Horticultural interests of the Province.

The Department's activities include the growing, packing, and satisfactory marketing of all fruits and vegetables, and is prepared to assist those engaged in their production and sale. It is likewise interested in Landscape Gardening and Floriculture, but at present, because of limited organization, is not prepared to offer special work in this division.

But ten acres of the Horticultural lands are cleared. On this has been started a small orchard, comprising seventy-eight varieties of fruits, from which to obtain specimens for class purposes, and also a small orchard for pruning-studies and practice-work with students.

In the garden a small plantation of bush-fruits, comprising the leading varieties and a planting of forty varieties of strawberries, are available for purposes of study. These plants are also used for breeding purposes. The common vegetables are grown in variety. These are used both for class purposes and as a basis for improvement-work.