

The live-stock farm is situated two miles from the University and students attend classes held there in the pavilion. The highlights of the Animal Husbandry Department may be mentioned as follows:—

- (1) Extensive feeding experiments with cattle, sheep, and swine;
- (2) Preparation and exhibition of market classes of animals;
- (3) Research work in co-operation with the Dominion Department of Agriculture and the National Research Council.

The activities of the Field Crops Department include plant breeding, bio-chemistry (milling and baking), and forage-crop work.

In addition to the University field experiments, substations are located in several parts of the Province.

The Soils Department is continuing the work of Soil Surveys in co-operation with the Dominion Department of Agriculture. Soil and fertilizer tests are carried out at the University and at several substations.

In dairying, agricultural engineering, entomology, horticulture, poultry, and veterinary science a certain amount of survey and experimental work is always considered advisable as a basis for teaching.

### **British Columbia.**

*Faculty of Agriculture, University of British Columbia, Vancouver.*—The Faculty of Agriculture is an integral part of the University of British Columbia. There are six Departments in the Faculty: Agronomy, Animal Husbandry, Dairying, Horticulture, Poultry Husbandry, and Agricultural Economics. Students may specialize in these Departments and, in addition, because of the close association with the other Faculties of the University, may do special work in plant pathology, plant nutrition, entomology, soil chemistry, and bacteriology and allied science subjects in relation to agriculture.

The extension activities of the Faculty are under the direction of the Head of the Department of University Extension. The activities consist mainly of single individual lectures, lecture series, night classes in horticulture and poultry husbandry, and short courses under the Dominion-Provincial Youth Training Plan.

The services to farmers include only those activities for which laboratory facilities are required, such as chemical and bacteriological examination of soil samples, examinations for mineral deficiencies in plants, diagnoses of poultry diseases, examinations of milk, butter, and cheese samples, poultry blood-testing for pullorum disease, and other related activities.

At the present time an important project in the field laboratory is the production of Elite seed of varieties of field crops that are grown in the Province. This is in co-operation with the Provincial Department of Agriculture. The project that has to do with the breeding and selection of an underground spreading type of alfalfa is reaching an interesting stage. A quantity of seed was produced this year. The project is in co-operation with the Dominion Department of Agriculture.

Research activities, other than those being carried on by students under direction, include: causes of raspberry failure, paralysis and coccidiosis in poultry, surface taint in butter, and the value and uses of fish oils. An additional research in soils and dairying comes under the general head of activators for enzymes. Progress has been made in the improvement of the Cambar breed of poultry brought from Cambridge University, England.