

National Research Council, the United Grain Growers, Limited, the Alberta Wheat Pool and the Canada Malting Company has been most helpful in maintaining certain projects.

Soil survey work, carried on in co-operation with the Dominion Department of Agriculture, constitutes one of the main features of the work of the Department of Soils. In addition, fertilizer treatments and legume inoculations as applied to the grey wooded soils is given special attention.

In dairying, agricultural engineering, horticulture and entomology, survey and experimental work is undertaken up to the limit of available personnel and facilities.

In all departments special emphasis is laid on the type of investigation that will aid in the successful prosecution of the War.

### **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, genetics, 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, and night classes in horticulture and poultry husbandry. Short courses under the Dominion-Provincial Youth Training Plan have been cancelled for the duration of the War.

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 and a quantity of seed was produced in 1943. The project is being conducted 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, the value and uses of fish oils and similar problems in relation to agriculture. Progress has been made in the improvement of the Cambar breed of poultry brought from Cambridge University, England.

The members of the Faculty are on call in their offices for special consultations on agricultural problems, and also answer about seven thousand letters per year from correspondents seeking information in relation to their immediate difficulties.