

Acknowledgment should be made of the definite assistance received from the National Research Council in the matter of research work in the fields of field crops, soils and animal husbandry.

British Columbia.

University of British Columbia.—The Faculty of Agriculture is permanently established with the University of British Columbia at Point Grey. Excellent progress has been made with land clearing and the experimental plots are now established in their assigned areas. Adequate buildings for the various departments are being gradually constructed. In the departments of agronomy and horticulture plant improvement and breeding work have advanced quite rapidly. In the department of animal husbandry a splendid foundation has been laid in the various breeds of live stock, which include Jersey, Ayrshire, Shorthorn and Hereford cattle; Clydesdale horses; Yorkshire and Duroc Jersey swine; Rambouillet and Oxford Down sheep. Experimental work in feeding and disease control has been commenced. In the department of dairying, good progress has been made in research, particularly with the various kinds of cheese. In the department of poultry husbandry, pedigree stock is maintained for improvement work in Barred Rocks, Rhode Island Reds, White Leghorns, White Wyandottes and some lesser breeds. The record work already accomplished in this department is of considerable value. In addition to the teaching and investigational work at the university, provision is also made for a number of investigational projects throughout the province. These include dairy farm management, poultry farm management and studies in small fruits and tree fruits.

A special research laboratory has recently been constructed in co-operation with the Empire Marketing Board for special work in cheese ripening. A new laboratory for work in plant nutrition is now completed. This is to be used in conjunction with adequate greenhouse space recently provided. The new greenhouses consist of seven separate compartments with separate controls for light, heat, humidity and ventilation. Space has been provided for work in plant pathology, plant genetics, plant nutrition, general botany and horticulture.

Section 2.—Statistics of Agriculture.

Census Statistics.—At each of the six decennial censuses of Canada taken since Confederation, statistics of the agricultural activities carried on throughout the country have been secured. The scope of these statistics has been extended from time to time and those of the census of 1921 omit few important phases of agriculture with which a census could deal successfully. In all the later censuses the statistics of number, acreage and condition of farms, the value of farm property, the acreage sown, the yield of crops, the value of that yield, the number of fruit trees and the production and value of fruit, the number and value of live stock, etc., have been collected on a basis which allows comparison between the different censuses. Among the extensions in the scope of the census of 1921 may be mentioned such matters as the details of birthplace, age, length of residence in Canada and experience of farm operators, the chief items of farm expenditure, an attempt for the first time to obtain the quantities of vegetables grown for sale, a classification of live stock, according to age, etc., the number and value of young animals raised on farms, and an enumeration of farm facilities, including tractors, automobiles, telephones and gas and electric lighting. As a result of these extensions, comparisons