

BRITISH COLUMBIA.

Department of Agriculture.—The experiments conducted by the Department of Agriculture include investigations in the three branches of Horticulture, Plant Pathology and Soils and Crops. Experiments in the control of the Strawberry Root Weevil (*Otiorynchus ovatus*, Linn.) have been conducted during three years. The data obtained have been very satisfactory, and it is intended to continue the work. Three years of experiments for the control of Anthracnose (*Neofabraea malicorticis*) have demonstrated the advisability of fall spraying with Bordeaux mixture before fall rains begin. Demonstration work in orchard cover crops is being carried on both in the Kootenays and the Okanagan. The work in the Kootenays has been confined principally to the use of vetches. In the Okanagan valley vetches were first used and followed by alfalfa, particularly in places where the amount of water could be obtained that would insure a satisfactory catch of alfalfa. Spraying experiments for the control of Blister Mite have been carried on during the season of 1921 with satisfactory results. These will be continued during the season of 1922, and the best type of spreaders to use in commercial sprays will also be inquired into. An investigation was conducted during 1921 to ascertain the most prevalent types of potato disease in eight different districts. The results suggest that owing to the low percentages of leaf roll and mosaic in the province as a whole, there is nothing to prevent the establishment of a successful seed potato industry. The investigation was conducted in conjunction with the establishment of a seed potato certification system by the Soil and Crop Division. Agricultural surveys conducted during 1921 were designed to obtain information upon soil and climatic conditions in relation to the most suitable types of farming.

University of British Columbia.—Considerable progress has been made with the clearing and preparation of land for experimental and general farm purposes. The investigational results obtained by the Departments of Agronomy and Horticulture are becoming increasingly valuable, especially for farmers and gardeners cultivating upland coast soils. In the Department of Animal Husbandry, excellent foundation stock has been purchased, consisting of Jerseys, Ayrshires, Shorthorns and Herefords. The University has also acquired good Yorkshire and Berkshire pigs and Southdown, Shropshire and Oxford Down sheep. Seven Clydesdale mares formerly at Colony Farm now form the horse-breeding nucleus. Departments of dairying and poultry have been organized, and are carrying on investigational and instructional work. In addition to the teaching and investigational work at the University, the members of the Faculty of Agriculture, in co-operation with the Dominion and Provincial Governments, have organized and conducted considerable extension work throughout the province.