

homecraft clubs, and boys' and girls' clubs provide valuable instruments for rural education. Finally the Dominion-Provincial Youth Training Program in rural areas may be mentioned; this is directed by the office of the Extension Department and consists of short courses of from three days to eight weeks duration held in community centres throughout the Province, and longer courses of six weeks to five months, held at the College.

The University is also the centre for many agricultural conventions and meetings throughout the year. Such occasions provide opportunities for lectures and demonstrations on matters of practical importance to farmers. The Extension Department supervises agricultural fairs throughout the Province and provides judges. It is also the provincial headquarters for Radio Farm Forum. Cordial and close co-operation is maintained with the Provincial Department of Agriculture and with Dominion Experimental Farms.

Alberta

Faculty of Agriculture, University of Alberta, Edmonton.—In the Faculty of Agriculture a four-year course leading to the degree of B.Sc. in agriculture is offered. The courses offered during the first two years provide for training in the fundamental sciences and introduce the student to a variety of phases of agriculture. After the first two years are completed the student may elect a general course in agriculture or arrangements may be made to undertake a certain degree of specialization.

Students may enter the course in agriculture directly from the high schools on a basis of senior matriculation or from one of the Provincial Schools of Agriculture with junior matriculation plus the school diploma.

In addition to the regular degree course an annual short course is conducted by the Department of Dairying in co-operation with the Alberta Department of Agriculture. Recently a Babcock testing course for women has been added. These courses are proving a valuable aid to the dairy industry.

Research and extension activities occupy a considerable portion of the time of the staff of the Faculty of Agriculture. Every opportunity is taken to maintain a close contact with the farm people of Alberta. The results of research are made available by means of bulletins and circulars, radio talks, lectures at farm meetings, agricultural short courses and field days, and direct correspondence with individuals who request specific information. Close co-operation is offered by all departments to the Department of Extension of the University of Alberta and the Extension Service of the Alberta Department of Agriculture.

Tracts of land are available to the Departments of Field Crops, Soils and Horticulture for plot trials and a farm of approximately 700 acres is maintained by the Department of Animal Science. This arrangement makes it possible to tie together laboratory research and field experiments. Certain departments carry out co-operative tests with farmers in various parts of the Province.

The Department of Animal Science places special emphasis on feeding experiments with beef and dairy cattle, sheep and swine. The annual Feeders' Day held in June each year provides a special opportunity to discuss the results of these investigations with farmers and feeders who gather for the occasion. Poultry research is also carried on.

The Department of Field Crops is divided into sections dealing with plant breeding, plant biochemistry and plant pathology. An active program of research is under way in each of the various sections. Financial assistance received from the