

Ontario

Ontario Agricultural College and Experimental Farm, Guelph.—The College farm consists of approximately 1,000 acres, with a splendid layout of barns; implement sheds, and workshops; while the College proper has a magnificent campus with twenty-six large buildings which provide classrooms, laboratories, offices, dormitories, dining halls, auditoriums and recreation facilities.

The College has three divisions: Agriculture; Home Economics, known as Macdonald Institute, taking this name from Sir William Macdonald who provided funds to construct and equip the first two buildings for this division; and Commercial Baking, known as Trent Institute, taking the name from Mr. H. E. Trent, founder of the Canadian Bread and Cake Bakers' Association, who donated funds for the one building used by this division.

In addition to the regular courses of instruction many specialized short courses, from ten days to three months in length, are offered to various farm groups. College instructors also assist at a large number of short courses conducted throughout the Province under the leadership of the district representatives of the Department of Agriculture.

Research and demonstration form an important part of the work of the College. O.A.C. No. 21 and Nobarb varieties of barley; Alaska O.A.C. No. 157 and Erban varieties of oats; Dawson's Golden Chaff O.A.C. No. 61 winter wheat; O.A.C. No. 181 field peas; and O.A.C. No. 211 soybeans are notable varieties, all originated at the College and most of them are now in quite general use in Ontario.

The Ontario Experimental Union, an organization of farmers working with the College, has done much in testing and introducing these superior varieties in the farming districts.

In co-operation with the Central Experimental Farms of the Dominion Department of Agriculture soil surveys of 20 counties have been completed and maps prepared. A broad reconnaissance survey has been made in five of the main agricultural areas of northern Ontario. Surveys will be continued as rapidly as conditions permit.

Several thousand soil samples are received from farmers each year. These are analysed and recommendations are made for soil treatment and crop management.

From the College herds and flocks, which are maintained at a high standard of excellence and carry some of the best producing blood lines, the surplus breeding stock is sold to farmers. In this way a very direct and material improvement has been made in live-stock production.

Through the Departments of Animal Husbandry, Field Crops, Poultry, Agricultural Engineering, Animal Nutrition, Extension, Horticulture, Dairying, Apiculture, Chemistry, Botany, Entomology, Bacteriology and Economics, an active relationship is maintained with the farmers, and very helpful service is rendered to them on the many problems confronting agriculture.

Manitoba

Faculty of Agriculture and Home Economics, University of Manitoba, Winnipeg.—Members of the Faculty of Agriculture and Home Economics assist in promoting the interests of agriculture in Manitoba through student instruction, research, demonstrations to visiting agricultural groups, country meetings, the press, and through personal contacts with farmers and farm women and other people interested in agriculture.