

Its regular curriculum includes a superior course in agriculture of four years duration, open to selected students in possession of the degree of Bachelor of Arts; an agronomic course of three years open to all Bachelors of Arts; two courses in practical agriculture for farmers' sons, one of which covers twelve months of study divided into two winter semesters and the other only one winter semester. The Ecole Supérieure is affiliated with Laval University of Quebec. The Faculty of Sciences confers on its graduates the degree of B.Ag.Sc. (Bachelor of Agricultural Sciences). The agronomic course is completed with the B.A. diploma (Bachelor in Agriculture). A certificate of agricultural ability is conferred on farmers' sons who complete the prescribed course.

The Ecole de Sainte-Anne operates a mixed culture farm covering 500 acres. Its herd of Ayrshire cows is of special value. The departments of poultry and fruit and garden horticulture are organized for the training of specialists in these lines.

Ontario.

Ontario Agricultural College and Experimental Farm, Guelph.—On May 1, 1874, the Ontario Agricultural College and Experimental Farm was established near Guelph with 500 acres of land, an ordinary set of farm buildings, and a large two-story house. The first class consisted of 28 students.

At the present time, the College farm consists of 1,050 acres, a splendid layout of barns, implement sheds, and work shops. There are 26 large buildings which provide for classrooms, laboratories, offices, dormitories, dining halls, and recreation facilities.

Macdonald Institute, which offers courses in Home Economics, was donated by Sir William Macdonald in 1902. Trent Institute, known as the Canadian School of Baking, was built with funds donated by the Bread and Cake Bakers' Association of Canada in 1927.

In addition to the regular courses, many short courses lasting from ten days to three months are offered to various farm groups including school teachers of the public schools. Instructors are also furnished for a large number of short courses conducted in the Province under the leadership of the Agricultural Representatives Department.

Research and demonstration work form an important part of the program of the College. O.A.C. 21 barley, which is grown on nearly 75 p.c. of the barley land in Canada; Erban oats, a rust proof variety—high yielding and of good quality; soy beans O.A.C. 211; and many other varieties of high-quality grains are the product of the experimental fields of the Guelph farm.

The Experimental Union, an organization of farmers working with the College, have tested these better facilities throughout the farming districts. With these tests has been combined the use of commercial fertilizers and, in this way, farmers have been enabled to secure larger yields of better-quality crops.

Soil surveys of sixteen counties have been completed. This work will be continued until all counties of the Province have been mapped and studied. More than five thousand soil samples, received from farmers, are analysed each year and recommendations given for soil treatment and crop management.

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