

for two years. The school is affiliated to Laval University, Quebec, which awards the degrees of B.S.A. (Bachelor of Science in Agriculture) and M.S.A. to successful students of the first class, whilst those in the other receive a Certificate of Agricultural Proficiency (Brevet de Capacité Agricole). Lectures in adjacent parishes are frequently given by the school's professors, who also conduct agricultural pages in one of the largest provincial weeklies for the extension of new agricultural information. Cultural experiments are also undertaken at the school and bulletins are published.

Oka Agricultural Institute.—Situating on the Lake of Two Mountains, about 20 miles from Montreal, the Oka Agricultural Institute is one of the oldest experimental farms in Canada. It was affiliated to Laval University of Montreal (now University of Montreal) in 1908. The total area of the farm comprises 1,800 acres, including all kinds of soil. Horticulture holds an important place. The area devoted to fruit trees is about 40 acres, and includes 4,000 trees (apples, cherries, pears and plums) grown according to the most recent methods. Special attention is given to the breeding of live stock. The dairy herd is of considerable importance and has been entirely formed at the institute itself. Official milk records begun in 1918 have already resulted in the registration of 52 animals in the "record of performance", with an average yield exceeding 10,000 lb. of milk. The raising of swine, poultry and bees is also practised.

Ontario.

Ontario Agricultural College and Experimental Farm, Guelph.—The college and experimental station were established in 1874 to train young farmers in the science and practice of agriculture and to conduct agricultural experiments for the benefit of the province. The landed property consists of a little more than 700 acres of average loam soil. The farm proper consists of 500 acres; experimental plots of about 100 acres and campus and woodlots form the remainder. The growth of the institution as an educational centre has been very rapid. Academic work at the present time requires the space and equipment of sixteen large buildings for dormitories, class rooms and laboratories. Courses offered include a 4-year course for the degree of B.S.A. (Bachelor of Science in Agriculture), a 2-year course for the associate diploma, winter courses for farmers and farmers' sons, summer courses for teachers of the province and domestic science courses at Macdonald Institute. The teaching and experimental staff consists of about 75 members. In 1874 the college was opened with 28 students. The total enrolment in long and short courses in the academic year 1926-27 was 1,653. More complete information respecting the researches and experimental work undertaken at the college will be found on record in the Canada Year Book of 1916-17, pp. 243-245, and 1918, pp. 238-241. Reference may also be made to the 53rd annual report of the college, covering the year 1927.

The Kemptville Agricultural School and Farm have grown rapidly in importance during recent years. On a somewhat smaller scale than Guelph, they provide excellent agricultural educational facilities for Eastern Ontario.

The Horticultural Experiment Station at Vineland in the centre of the Niagara fruit belt is the most important station in Canada for work upon the special problems of the fruit and vegetable grower. Considerable success is attending the effort to breed improved varieties of such fruits as peaches, cherries, pears, grapes, strawberries and raspberries, as well as important vegetables. Extensive tests of cultural methods for fruits and vegetables are also carried out.