

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 land 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 four-year course for the degree of B.S.A. (Bachelor of Science in Agriculture), a two-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 seventy-five members. In 1874 the college opened with 28 students. The total enrolment in long and short courses in the academic year 1925-26 was 1,706. 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 52nd annual report of the college, covering the year 1926.

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.

The Ridgetown Experimental Farm in the southwestern peninsula and the New Liskeard Demonstration Farm in Northern Ontario devote particular attention to the crops and problems peculiar to farming in their respective districts.

Manitoba.

Manitoba Agricultural College, Winnipeg.—The field husbandry department is conducting researches and experiments in the following lines:—(1) forage crop improvement; (2) cereal crop improvement; (3) soil and crop management; (4) co-operative experiments; and (5) studies in quality of farm crops. The work of the forage crop improvement division has for its object the production and improvement of plants suitable under Manitoba conditions for pasture, hay and fodder. The major investigations are being conducted with alfalfa, red clover, sweet clover and corn. Work is also being done with timothy, western rye, brome, meadow fescue and meadow foxtail grasses. In the cereal crop division, the aim is the improvement of cereal crops, flax, peas and buckwheat, for use in the various districts of Manitoba. Special attention is being given to the development of disease-resistant strains of suitable market value. The work of the soil and crop