

Saskatchewan.

University of Saskatchewan, Saskatoon.—The College of Agriculture has over 1,300 acres of land (exclusive of the site for the buildings) at the University and another 560 acres about 35 miles distant, which were bequeathed to the college by a pioneer settler, an ex-student of the University of Cambridge, England. Of the 1,300 acres, 210 acres are set aside for experimental work in field husbandry and horticulture. Two hundred and seventy acres of prairie were purchased in 1918, 100 acres of which have been broken for the field husbandry department. The remaining 800 acres are operated as a general farm with great diversification of crops. The buildings, paddocks, etc., are located on an adjoining half section of land designated as the campus or building plot. The college offers a 4-year course leading to a degree of Bachelor of Science in Agriculture (B.S.A.) and a 3-year associate course for farmer's sons intending to make farming their life work. Short courses in general agriculture, tillage, crops, live stock, poultry, dairying and engineering are held during the winter months, both at the college and at various points throughout the province.

Practical experiments in the departments of field and animal husbandry, poultry, dairy, soils and horticulture are undertaken, as well as a variety of scientific investigations in the departments of chemistry, physics, biology, engineering, etc. Special equipment and staff are provided for investigations in animal and plant diseases and entomology. Considerable progress has been made in an intensive soil survey of the province and in breeding a rust-resistant wheat.

Alberta.

College of Agriculture, Edmonton South.—This college is a faculty in the University of Alberta. A definite 4-year course with matriculation entrance leading to the B.Sc. degree is offered. Students from the Provincial Schools of Agriculture enter the second year of this course after satisfying special entrance requirements. For the women from the Schools of Agriculture, a course leading to the degree of B.H.Ec. is offered, conditions of entrance being the same as for the men. At the college a definite programme for experimentation and research is carried on. In the field crops department, special mention might be made of plant breeding work looking to the production of better cereals and hay and pasture crops. Extensive milling and baking investigations are carried on and in co-operation with the Dominion Department of Agriculture a plant pathology laboratory is in operation. In the animal husbandry department, extensive feeding experiments have been going on for more than ten years and in this department a definite programme is being worked out in the field of animal pathology. The soils department is continuing the work of the provincial soil survey, which has been materially speeded up because of the great interest shown in the north land. In dairying, agricultural engineering, entomology, horticulture, poultry and veterinary science a certain amount of survey and experimental work is always considered advisable as a basis for teaching.

The results of this experimental and research work have been published through the agricultural publications committee, and already some twenty-seven formal publications have been issued.

The university maintains its own broadcasting station and throughout a large part of the year lectures on agriculture are given, according to a definite programme.