

Improvement; (2) Cereal Crop Improvement; and (3) Soil and Crop Management. The work of the Forage Crop Improvement Division has for its object the production and improvement of plants suitable under Manitoba conditions for pasture and hay and fodder purposes. Varieties and strains of forage crops have been imported from the United States and European countries, and improvement is being obtained by selection and hybridization. The major investigations, are being conducted with alfalfa and red clover, but some work is also being done with sweet clover, timothy, western rye, bromes meadow fescue and meadow foxtail. Profitable results have been obtained in the improvement of fodder corn, especially by securing early maturing strains. The Cereal Crop Improvement Division has for its object the improvement of the cereal crops of Manitoba. The work under way consists of the testing and classification of cereal varieties with a view to standardization. The crops under study are wheat, oats, barley, flax, spring and fall rye, peas and buckwheat. Introductions of cereals have been made from various parts of the world, and selections have been made which promise to be of value. Hybridization for improvement is also followed, and some promising crosses are now under test. In the Soil and Crop Management Division the soil management projects include soil renovation and soil cultivation experiments. The crop management projects include experiments in cereal crop management, perennial and annual forage crop management, hoed crop management and cropping sequence. Some work is also being done in silage and in ascertaining the carrying capacity of the grasses and clovers when used for pasture.

The Departments of Botany, Horticulture, Animal Husbandry, Physics, Chemistry and Engineering are also doing considerable investigational work.

#### SASKATCHEWAN.

**University of Saskatchewan, Saskatoon.**—The College of Agriculture has over 1,300 acres of land 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 four year course leading to the Degree of Bachelor of Science in Agriculture (B.S.A.), and a three year associate course for farmers' sons intending to make farming their life work. Short courses in general agriculture, tillage, crops, live stock, poultry, dairying and engineering, are held for adult farmers during the winter months, both at the College and at various points throughout the province.