

jects:—Chemistry, Dairying, Veterinary Science, Physics and English, Biology and Geology, Agriculture and Farming, Horticulture and Experiments, Bacteriology and Mathematics. A full course consists of four years' instruction. Short courses have been established in dairying, live stock judging and in poultry work. Students who take the full course and pass the required examination are awarded the Degree of B.S.A. (Bachelor of the Science of Agriculture), by the University of Toronto. Since the affiliation of the College with the University 178 students have obtained this Degree. The attendance at the College during the winter months of 1901-2 has been as follows: regular course, 176; dairy courses, 85; poultry and domestic science course, 28; special live stock courses, 220. Total, 509.

Several of the graduates of the College are on the staff of the College and the Dairy Schools. The Superintendent of Farmers' Institutes is a graduate. Several are engaged in agricultural journalistic work. A few are filling important positions abroad, but the demand at home for trained and well educated men is increasing.

Many of the graduates are engaged in the work of Farmers' Institutes and are among the most successful farmers and dairy-men of the Province.

#### *Experimental Work.*

Experiments are carried on at what is known as the Experimental Farm, in testing varieties of grains, grasses and roots, and packages of grain are sent out to the farmers, when called for, that they might conduct similar experiments on their own behalf.

In 1900, 3,354 farmers of the Province had experimental plots of grains and grasses, reports of which are sent to the Agricultural College. There were also 709 experimenters in fruits. Experiments are also conducted at the College in the feeding of cattle, sheep, swine and poultry, the results of which appear in the Annual Reports of the College.

#### *Extensions of the College.*

The original cost of the farm used as a site for the Agricultural College, including barns and outhouses, was \$75,043. Since that time there has been expended on model barns, on buildings connected with the Dairy School, Assembly Hall and Gymnasium, and Chemical Buildings, \$409,975; total investment in buildings, etc., \$485,018.

**BUILD UP ONTARIO**