

RESEARCH IN AGRICULTURE AT MACDONALD COLLEGE.

The Agronomy Department of Macdonald College has an area of 75 acres of land devoted entirely to the investigation of problems that have to do with the production of farm crops alone, and not including fruits and vegetables. Exclusive of salaries this involves an expenditure of some \$20,000 a year. It requires a high form of technique, the application of science, and years of the most painstaking work to secure reliable results. But when it is realized that the production of a variety of oats that will increase the yield per acre by a single bushel means an increase of nearly 2,000,000 bushels in the most important grain crop in Quebec, the value of the work becomes apparent.

Macdonald College has produced an improved oat known as Banner 44 M.C. with a production record of three bushels per acre better than ordinary Banner, the prevailing oat in the province. It has been grown extensively in the province for some years one company selling over 100,000 bushels of seed in a single year.

The College has also introduced, tested and put into seed distribution the Alaska Oat, a hardy oat of special quality and of early maturity. This oat is now a favorite in Eastern Quebec and in many other parts where earliness is a distinct advantage.

Other oats superior in merit to both Banner 44 and Alaska have been produced and are now being tested out for adaptability in different parts of the province.

The best fall wheat yet produced in Canada was developed at Macdonald College. It is being used largely in Southern Alberta, where a world's record for yield is claimed for it. It is also