

And finally, the Department of Agricultural Engineering has contributed knowledge new to this Province in various fields as a result of work done in testing out drainage methods, ventilation schemes for farm buildings, and various types of equipment used in water supply and sewage disposal. The hundreds of requests for blue prints made annually to this department by Quebec farmers indicate the worth of this phase of the work.

Improved Plants and Livestock - A third, and extremely valuable, service to agriculture by Macdonald College has been the development and dissemination of improved strains of seeds, plants and livestock.

Space will not permit an enumeration at this point of the many superior strains of crops that have been developed in the Agronomy Department (a brief statement of these will be found in the Department's report in Appendix A), but a few of the more outstanding might be mentioned. Banner 44 M.C. oats is probably first in importance, in view of the place held by the oat crop in Quebec. This oat now forms the bulk of the seed produced in the organized seed centres of the Province, several hundreds of thousands of acres being sown to it annually. Kharkov 22 M.C. wheat - a hardy fall-sown variety - is extensively grown in various parts of Canada. Improved North Western Dent and Quebec 28 are two varieties of corn developed at Macdonald that are widely grown in the Province, the former for silage and the latter for seed. And similarly with barley, swedes and mangolds, Macdonald strains have taken an important place in the lists of varieties recommended by the Provincial