

Drainage surveys, ditching (with power ditching machines), laying tile drains, machinery demonstrations, use of explosives in ditching, clearing land, etc., are carried on by the Head of the Agricultural Engineering Division and Professor of Agricultural Engineering.

Orchard surveys, short courses in pruning and grafting, encouragement of cranberry growing and all fruit and vegetable work come under the direction of the Provincial Horticulturist and Professor of Horticulture.

Fur farming extension work, control of animal diseases, and operation of a blood-testing laboratory for poultry are projects carried on by the Provincial Animal Pathologist and Professor of Veterinary Science.

Beekeeping is promoted throughout the Province by the Provincial Apiarist and Instructor in Apiculture.

Agricultural Associations, general animal work, dairy herd improvement, and stallion inspection are supervised by the Provincial Animal Husbandman and Associate Professor of Animal Husbandry.

The office of Superintendent of Exhibitions for the Department is also located at the College.

The Provincial Dairy Superintendent and Professor of Dairy Industry supervises creameries, assists in butter marketing, and serves as secretary of the Dairy-men's Association of Nova Scotia, the Ice Cream Manufacturers' Association, and of the Dairy Arbitration Commission.

The office of the Provincial Poultryman and Instructor in Poultry Husbandry serves the industry as required.

The Director of Women's Institutes and Instructor in Home Economics and her assistants carry on a great deal of field work, including numerous short courses in home crafts throughout the Province during the spring, summer, and fall, as well as two special courses at the College during the winter months.

Quebec

Macdonald College, St. Anne de Bellevue.—Macdonald College is an incorporated College of McGill University and is situated twenty miles west of Montreal. It comprises: the Faculty of Agriculture; the School of Household Science; and the School for Teachers. Courses in agriculture include a four-year course leading to the B.Sc. (Agr.) degree and a two-year practical course for farmers' sons leading to a diploma. Postgraduate work leading to the degrees of M.Sc. and Ph.D. is available under the Faculty of Graduate Studies and Research of McGill University. The School of Household Science offers a four-year course leading to the B.H.S. degree and a one-year "Homemaker" course. The School for Teachers trains teachers for the Protestant schools of the Province of Quebec and grants elementary, intermediate, and kindergarten director diplomas. The Institute of Parasitology, operated by McGill University and the National Research Council, is situated on the College campus. Glenaladale, the staff community house, serves as an auxiliary laboratory for the students in the Household Science classes.

The College carries on extensive research both alone and in co-operation with the Provincial and Dominion Governments. Particular attention is paid to the creation and propagation of new and improved varieties of farm crops; to problems of plant and animal nutrition; to improvement of the pasture lands of the Province; to fertilizer and tillage experiments; and to the study of animal and plant pests.