

the Directors of the following Services: extension, live stock, dairy, veterinary, poultry, horticulture, field husbandry, soils and crops, plant protection and promotion, agricultural engineering, home economics, Credit Union Co-operative Association, agricultural education and apiculture.

**Quebec.**—The Department of Agriculture of Quebec comprises ten services: education, rural economics, extension, animal husbandry, horticulture, field husbandry, information and research, handicrafts and home economics, health of animals and rural engineering. Each service is divided into sections dealing with particular problems. The Department also includes many other special organizations such as the Farm Credit Bureau, the Research Council, the Rural Electrification Bureau, and the Dairy Industry Commission.

A competition has been held annually since 1890 and each year has encouraged over 100 farmers to improve their farms in order to win the honours of the Agricultural Merit Order. County Farm Improvement Contests, started about 1930, have brought about most gratifying results on over 5,000 farms and remain very popular. Each contest lasts five years during which time farms are completely transformed and their production greatly increased.

Soil-improvement policies include large drainage projects carried out by the Department and smaller projects by groups of farmers with government help. Over 500,000 acres have been reclaimed or improved in the past few years. Financial and mechanical assistance is given for land clearing, stoning, levelling and terracing. Grants are also available for underground drainage, liming, etc.

Various forms of assistance are offered towards crop and live-stock improvement. An artificial insemination station operates at St. Hyacinthe for the benefit of breeders' clubs. Plant-breeding stations are maintained at Macdonald College for cereal and forage crops and at Ste. Foy, near Quebec, for vegetables and small fruits. As regards plant and animal health, trained specialists, with main laboratories at Quebec and field laboratories in different districts or schools, are employed in the work of curbing the enemies of plants and animals.

Agricultural co-operation is widespread in Quebec. There are 645 co-operatives with 63,000 members; 90 agricultural societies (27,000 members) look after local interests and organize county exhibitions. There are also in operation 90 Cercles de Fermières (Women's Institutes) with a total membership of 50,000 and numerous junior farmer clubs.

Farm credit, established in 1936, accepts about 2,000 loans each year, two-thirds of which are used to facilitate the settlement of young farmers. Special grants are also available to farmers starting their sons on new farms.

**Ontario.**—The Ontario Department of Agriculture maintains administrative and financial assistance services to agriculture in Ontario through 12 branches: (1) the Live Stock Branch promotes live-stock improvement policies, licenses and examines stallions and gives support to pure-bred live-stock associations; (2) the Crops, Seeds and Weeds Branch assists in the development of good cultural practices, the use of improved strains of seed, the promotion of improved pastures and the eradication of weeds; (3) the Dairy Branch provides an inspection, instruction and supervision service for all creameries and cheese factories; (4) the Farm Economics Branch carries on cost studies of agricultural production in co-operation with agricultural organizations; (5) the Fruit Branch enforces fruit and vegetable regulations and provides an information service to growers; (6) the Co-operation and