

Farmers are assisted by the Family Farm Improvement Branch which gives technical advice at the farm on the construction of farm buildings and on farmstead planning, mechanization and materials handling. The Branch conducts research for farm water and sewage works.

The Economics and Statistics Branch undertakes research and investigations required to formulate and evaluate policies and programs that will ensure a high level of growth and efficiency in Saskatchewan's agriculture; it collects, analyses and distributes economic information and principles to assist people interested in or engaged in agricultural pursuits. Data on crop conditions, production, marketings and income are available from the Statistics Division. Farm information is dispensed daily over private radio stations, over TV stations and to the press by the Information Division.

Alberta.—The Alberta Department of Agriculture has seven Divisions. The Plant Industry Division administers programs and policies relating to crop improvement; crop protection and pest control; soils and soil conservation; weed control; horticulture; apiculture and special projects. A crop diagnostic service is offered through a Crop Clinic at Edmonton and horticultural services at a Horticultural Station at Brooks; a Tree Nursery at Oliver provides trees for farm planting.

The Animal Industry Division administers legislation, policies and programs in the broad area of livestock, dairy and poultry production and in processing and marketing, including: setting standards for and approving public sales of sires; sire purchase assistance; ROP programs for beef cattle, swine and sheep; extension programs for all classes of stock; administering standards and qualifications for the artificial insemination (AI) industry; supervising feeder associations; brand registration and inspection; licensing of butchers, livestock dealers, stockyards and AI technicians; pound districts and sale of horned cattle. The testing, grading and purchasing of raw produce by all dairy plants are under regulation, as are standards of construction, manufacture, processing, sanitation and temperature control for dairy and frozen-food plants. A regular cow-testing service to provide the basis for breeding, feeding and culling dairy cattle is available to dairy producers, and chemical and bacteriological analyses are conducted for industrial directives. Licences are issued to poultry hatcheries, wholesalers, first receivers and truckers and programs are conducted for control of pullorum-typhoid diseases of chicken and turkey hatching egg supply flocks; extension programs, cost studies, disease tests and surveys, and research projects with respect to poultry are also carried out.

The Veterinary Services Division provides diagnoses of livestock and poultry diseases and conducts investigations of disease conditions; provides lecture services for the University of Alberta and for other groups; promotes policies aimed at reducing losses such as brucellosis control, stockyard inspection, swine health programs, mastitis, etc.; and administers the licensing and exporting of live fur bearing animals and pelts and assists fur farmers in care, management and stock improvement.

The Extension Branch of the Agricultural Extension and Colleges Division operates 49 offices and employs 64 district agriculturists and 23 district home economists who supply information and guidance to farm families and promote progressive agricultural or home-making policies and programs; the program for 526 4-H Clubs with 1,917 adult leaders is administered; two headquarters engineers and five regional engineers assist farm families with engineering problems; five broadcasts are conducted each week over ten radio stations and weekly bulletins are issued to radio and the press; and publications are supplied to the rural public and visual aids to department staff members. Agricultural and vocational colleges are operated at Olds, Vermilion and Fairview, all three offering five courses in agriculture—a general course, or majors in plant science, animal science, agricultural mechanics and farm management; a complete business course; and a short course in land appraisal and assessment. Special courses include horticulture, fashion and design, irrigation technology at Olds; home economics and AI technician training at Vermilion; and motor mechanics and welding at Fairview.

The Agricultural Economics Division provides extension information on farm management, credit and marketing to aid farmers in instituting good business practices on the