

*Economic Fibre Plants.*—Extensive field and mill experiments are carried out by this Division at the Central Experimental Farm and on several of the branch farms. The Division also renders valuable marketing services to Canadian flax growers by serving as a medium for trade in flax seed with Ireland.

*Field Husbandry.*—This Division conducts experiments in order to learn the most efficient methods of preparing land and seeding and harvesting farm crops. Investigations are in progress on crop rotations, manures and fertilizers, weed control and eradication, drainage, irrigation, farm machinery, cost of production of crops and on methods of conserving and utilizing soil moisture in the Prairie Provinces.

*Forage Plants.*—This Division is concerned chiefly with the introduction and testing of new species, the improvement of forage plants by breeding and selection, the technique of seed production, pasture studies, variety testing, range investigations and turf grass experiments. At the Dominion Forage Crops Laboratory at Saskatoon, in co-operation with the University of Saskatchewan, special attention is being given to the development of early-maturing, hardy and drought-resistant strains of herbage plants adapted to the Prairie Provinces.

*Horticulture.*—This Division deals with problems of fruit growing, vegetable gardening and ornamental plants. The work includes the breeding of new and better varieties, studies in plant nutrition, cider making, dehydration, the production of foundation and *élite* stock vegetable seed, purity tests of vegetables and cold storage experiments. The Division also co-operates with farmers in orchard experiments and in blueberry and cranberry investigations.

*Illustration Stations.*—The 224 illustration stations supervised by this Division are located throughout the Dominion primarily in newly-settled agricultural communities and serve as connecting links between the Experimental Farms and the farmers of Canada. Chiefly concerned with problems relating to crop and livestock production these stations encourage the development and maintenance of suitable home surroundings and adequate buildings. They also act as centres for the production of seed of the most suitable varieties.

*Poultry.*—This Division conducts experimental work in the various branches of poultry husbandry including breeding, housing, incubation, brooding, rearing, nutrition and the preparation of poultry products for the market. It also conducts the Canadian National Egg Laying Contests and in co-operation with the Health of Animals Branch carries on experiments in the control and eradication of poultry diseases.

*Tobacco.*—This Division is concerned with investigational and research work in connection with the development of the Canadian tobacco industry. Its activities embrace plant breeding, conducting of variety tests, the investigation of cultural methods, research on problems of fertilizers and soils, the study of harvesting and curing methods and the control of diseases and insects. A close co-operative relationship has been developed with the Department of Trade and Commerce with a view to opening up new outlets for Canadian leaf. The Division is also represented on various joint committees consisting of Dominion and Provincial officials, growers and members of the trade, the purpose of these committees being to further the interests of the industry.

**The Dairy and Cold Storage Branch.**—The Dairy and Cold Storage Branch is organized into four Divisions and one Service as follows: "Administration", "Dairy Markets and Cold Storage", "Dairy Produce" and "Dairy Research" Divisions and a Service dealing with "Milk Utilization".