

livestock, poultry, fruits and vegetables, dairy products and plant products, and policies in connection with the control of disease in plants. A General Service Division supplements and complements the specialized divisions in matters of common concern.

The *Livestock Division* administers legislation dealing with the grading of meat, wool and fur, with the registration of livestock pedigrees, with performance testing of cattle and hogs and with the supervision of racetrack betting. Other activities include the promotion of livestock improvement and the compilation of market statistics. The *Poultry Division* carries out the policies of the national poultry breeding program, including Record of Performance for poultry and hatchery inspection, and administers the regulations for the grading of poultry products. The *Fruit and Vegetable Division* administers legislation having to do with the grading of fruits and vegetables in both fresh and processed form, maple products and honey. The Division is responsible for the licensing of interprovincial and international dealers and brokers who deal in fresh fruits and vegetables. The *Dairy Products Division* administers the Cheese Factory Improvement Act and legislation covering grades and standards for dairy products, including butter, cheese, concentrated milk products and ice cream. The *Plant Products Division* administers Acts and regulations respecting seeds, feedstuffs, fertilizers and pest-control products, conducts field inspections and maintains regional testing laboratories. The *Plant Protection Division* is responsible, under the Destructive Insect and Pest Act, for safeguarding against the introduction of serious plant insects or diseases into Canada or their spread in Canada, for certifying freedom from disease and pests in plant exports, and for seed potato certification.

The *General Service Division*, through its *Inspection Service*, maintains inspectors in the principal marketing areas to make spot checks on retail outlets to see that food products meet prescribed standards of quality and grade. Cargo inspectors at the main Canadian ports check the handling of goods moving to export markets. A *Subsidies Section* administers the payment of subsidies for the construction of public cold storage facilities. This Division also provides management assistance and administrative services to the *Markets Information Section* which compiles and distributes market information respecting livestock, meat and wool, dairy products, eggs and poultry, and fruits and vegetables; and the *Consumer Service Section* which co-operates with the commodity divisions in developing the market for Canadian foods and in interpreting the grading and inspection regulations to the general public.

Information Division and Departmental Administration.—The Information Division gathers and publishes information arising from research work and the development of regulatory programs of the Department. Publication is through the printed word, press and radio releases, motion pictures, television and exhibits. The general business management of the Department is undertaken by the Departmental Administration, the duties of which also embrace Emergency Measures Planning and the Departmental Library; the main emphasis of the Library's collection is, of course, on agriculture but extends also to the life sciences.

CONTRIBUTION OF THE CANADA DEPARTMENT OF AGRICULTURE TO MODERN AGRICULTURAL SCIENCE*

Before World War II, each farm worker in Canada produced enough food to feed ten people; each now feeds 32, and Canadians spend a smaller percentage of their take-home pay on food than other comparably developed Western nations. Much of this increased efficiency of Canadian agriculture may be attributed to the contribution of research, and the Canada Department of Agriculture (CDA) carries out about 70 p.c. of the agricultural research in Canada, the remainder being done by universities, provincial governments and private industry.

* Prepared in the Information Division, Canada Department of Agriculture, Ottawa.