

investigation: artificial and natural incubation, poultry breeding, systems of breeding and rearing, production of heavy-laying strains, feeding for eggs and table, and housing of poultry. Poultry survey work, *i.e.*, the endeavour to get groups of farmers in various localities to keep accurate records of their poultry costs and returns, is already showing results in the better housing, breeding and care of the farm flock. Egg-laying contests and registration work are carried on. Investigations in poultry diseases are extensively conducted in co-operation with the Health of Animals Branch.

*Tobacco.*—The Tobacco Division deals with the breeding, variety tests and cultural methods, the warehousing and marketing of tobacco. A complete analysis of the soils of the tobacco-producing regions of Canada is being made. During the growing season, inspectors examine the tobacco fields of as many growers as possible with a view to suggesting the best cultural methods and means of combating diseases and insect pests. Co-operative trials amongst farmers are extensively conducted.

In addition to the work done by the Divisions of Extension and Publicity and Illustration Stations, the results of the work of the experimental farms are made available to the farmer: (1) by correspondence; (2) by publications; (3) by "Seasonable Hints", a 16-page pamphlet, brought out every three months, with a circulation of about 505,000 and now in its sixteenth year; and (4) by articles in the press. The farm officers devote considerable time each year to lecturing, demonstrating, judging at fairs and assisting at short courses in agriculture. Excursions to the various farms are also a valuable means of bringing the work to the attention of the farmer.

### (B) Provincial Agricultural Colleges and Experimental Stations.

Under the above heading, outlines of the work done at provincial agricultural colleges and experimental stations were given by provinces at pp. 198-203 inclusive of the 1930 Year Book. The interested reader is referred to that volume, and to the following provincial publications for information concerning courses and programs of work at these institutions:—

*Nova Scotia.*—Annual Report of the Department of Natural Resources for Nova Scotia; College Prospectus of the College of Agriculture, Truro, N.S.

*Quebec.*—The Annual Report of Macdonald College, Ste. Anne de Bellevue, Quebec, and the prospectuses and annual announcements of the School of Agriculture, Ste. Anne de la Pocatière, and the Oka Agricultural Institute, Lake of Two Mountains, Quebec.

*Ontario.*—Annual Report of the Ontario Agricultural College and Experimental Farm, Guelph, Ont.

*Manitoba.*—Annual Report of the Manitoba Agricultural College, Winnipeg, Man.

*Saskatchewan.*—Annual Report of the College of Agriculture, University of Saskatchewan, Saskatoon, Sask.

*Alberta.*—Annual Report of the College of Agriculture, University of Alberta, Edmonton, Alta.

*British Columbia.*—Annual Report of the Faculty of Agriculture, University of British Columbia, Vancouver, B.C.

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NOTE.—The Statistics of Agriculture which ordinarily follow here as Section 2 of this chapter have been transferred to Appendix III at the end of this volume in order to include the latest possible figures compiled from the census of 1931.