

ascertaining the hardiest, earliest, best-yielding and most disease-resistant sorts. In plant breeding, the aim is the improvement of existing sorts by cross-breeding. Greenhouse work is also given special attention at Ottawa. Canning experiments and demonstrations are carried on.

Illustration Stations.—This Division forms another connecting link between the Experimental Farms and the farmer. These Stations are now 51 in number. Each is located on the farm of a representative farmer, who does the work according to directions framed to illustrate the best rotations, the best varieties of crops, and the best cultural methods, as determined by the work of years on the Experimental Farms.

Poultry.—The scope of work of the Poultry Division has been greatly extended during the last few years. It now covers the following main lines of 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 record of performance work are carried on.

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.

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. Practically all lines of agricultural effort are covered by the Experimental Farms' publications and they embody the best thought and latest results of the experimental work. (3) "Seasonable Hints," now in its fifth year, a 16-page pamphlet brought out every four months, is filled with brief, timely articles and notes on farm topics, and each issue is distributed to the entire mailing list of some 300,000 names. It is issued in two editions, one for Eastern Canada and British Columbia, the other for the Prairie Provinces. (4) "Press Articles." An average of three short, pithy and timely articles is sent out to the Canadian press each week. 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.

Provincial Experimental Farms and Stations.

NOVA SCOTIA.

College of Agriculture, Truro.—About 430 acres are devoted to general farming, gardening and investigations. Conducted pri-