

which have passed permanently into good Canadian farm practice, may be mentioned those relating to early seeding, summer fallowing, the use of farmyard manure, the fertilizing value of clover crops and the introduction into western agriculture of suitable grasses and clovers. Both the common red clover and alfalfa are now entering into western rotations as the result of efforts on the part of the farms to obtain hardy strains and to discover means of resistance to winter-killing. Further experiments with earlier-ripening and drought-resisting cereals are now being carried on, each new discovery increasing the cultivable area of Canada. Other researches relate to the production of frost-resisting fruit trees for the Prairie Provinces. This research work has already had a profoundly ameliorating effect upon Canadian agriculture; a statement regarding the work now under way at the Dominion and Provincial Experimental Stations is appended.

Dominion Experimental Farms and Stations.

Central and Branch Farms.—Inaugurated in 1886 by Act of Parliament, the Dominion Experimental Farms system was at first made up of the Central Farm at Ottawa and four Branch Farms: one at Nappan, Nova Scotia, for the Maritime Provinces; one at Brandon for Manitoba; one at Indian Head for the Northwest Territories; and one at Agassiz for British Columbia.

The opening up and rapid settlement of the Dominion have led to a corresponding increase in the number of Experimental Farms and Stations.¹ These, with the two Tobacco Stations, now total 24, with a total acreage of 13,001, as compared with the original five Farms, having a total acreage of 3,472, as established in 1886. The following table shows the present number of Farms and Stations with the acreage of each and the date of establishment.

DOMINION EXPERIMENTAL FARMS AND STATIONS, 1924.

Farm or Station.	Province.	Acreage.	Date established.
Central Farm, Ottawa.....	Ontario.....	467	1886
Kapuskasing Station.....	Ontario.....	1,282	1916
Harrow Tobacco Station.....	Ontario.....	249	1909
Charlottetown Station.....	Prince Edward Island.....	155	1909
Nappan Farm.....	Nova Scotia.....	460	1886
Kentville Station.....	Nova Scotia.....	434	1912
Fredericton Station.....	New Brunswick.....	520	1912
Ste. Anne de la Pocatière Station.....	Quebec.....	340	1911
Cap Rouge Station.....	Quebec.....	339	1911
Lennoxville Station.....	Quebec.....	455	1914
La Ferme Station.....	Quebec.....	1,200	1916
Farnham Tobacco Station.....	Quebec.....	65	1912
Brandon Farm.....	Manitoba.....	625	1886
Morden Station.....	Manitoba.....	302	1915
Indian Head Farm.....	Saskatchewan.....	680	1886
Rosthern Station.....	Saskatchewan.....	650	1908
Scott Station.....	Saskatchewan.....	520	1910
Swift Current Station.....	Saskatchewan.....	640	1920
Lacombe Station.....	Alberta.....	850	1907
Lethbridge Station.....	Alberta.....	400	1906
Invermere Station.....	British Columbia.....	293	1912
Summerland Station.....	British Columbia.....	550	1914
Agassiz Farm.....	British Columbia.....	1,400	1886
Sidney Station, Vancouver Island.....	British Columbia.....	125	1912

¹ The five original farms established in 1886 are known as "Experimental Farms"; those added since are styled "Experimental Stations." No distinction in the work is implied by these titles.