

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. Statements regarding the work now under way at the Dominion Experimental Farms and Stations and at Provincial Agricultural Colleges and Experimental Stations follow.

(A) Dominion Experimental Farms and Stations.\*

Inaugurated in 1886 by Act of Parliament (49 Vict., c. 23), 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.\* These, with an experimental fox ranch, now total 29, with a total acreage of 16,256.74, as compared with the original five farms, with a total acreage of 3,472, established in 1886. The following list shows the present number of farms and stations, with the acreage of each and the date of establishment.

DOMINION EXPERIMENTAL FARMS AND STATIONS, 1933.

Farm or Station.	Province.	Acreage.	Date Established.
Central Farm, Ottawa.....	Ontario.....	825.5	1886
Kapuskasing Station.....	Ontario.....	1,270	1910
Harrow Station.....	Ontario.....	198.3	1909
Charlottetown Station.....	P.E.I.....	173.1	1909
Summerside Fox Ranch.....	P.E.I.....	12	1925
Nappan Farm.....	Nova Scotia.....	465	1886
Kentville Station.....	Nova Scotia.....	452.9	1912
Fredericton Station.....	New Brunswick.....	525	1912
Ste. Anne de la Pocatière Station.....	Quebec.....	319	1911
Cap Rouge Station.....	Quebec.....	345.3	1911
Lennoxville Station.....	Quebec.....	600	1914
Farnham Station.....	Quebec.....	95	1912
La Ferme Station.....	Quebec.....	1,200	1916
L'Assomption Station.....	Quebec.....	160	1928
Brandon Farm.....	Manitoba.....	842	1886
Morden Station.....	Manitoba.....	614	1915
Indian Head Farm.....	Saskatchewan.....	1,320	1886
Indian Head Forest Nursery Station.....	Saskatchewan.....	480	1
Sutherland Forest Nursery Station.....	Saskatchewan.....	320	1
Rosthern Station.....	Saskatchewan.....	650	1908
Melfort Station.....	Saskatchewan.....	640	1934
Scott Station.....	Saskatchewan.....	520	1910
Swift Current Station.....	Saskatchewan.....	800	1920
Lacombe Station.....	Alberta.....	435.74	1907
Lethbridge Station.....	Alberta.....	500	1906
Windermere Station.....	British Columbia.....	425	1923
Summerland Station.....	British Columbia.....	545	1914
Agassiz Farm.....	British Columbia.....	1,400	1886
Sidney Station, Vancouver island.....	British Columbia.....	130	1912

\*Transferred in 1931 from the Forest Service, Department of the Interior, to the Department of Agriculture.

In addition there are 12 sub-stations, *viz.*, Regina and Rosthern, Sask.; Wainwright, Fort Vermilion and Beaverlodge, Alberta; Fort Smith, Resolution, Provi-

\*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.