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ACREAGE AND PRODUCTION OF VEGETABLES*, 1954

The accompanying table comprises estimates of acreages and production of vegetables in Canada for 1954 with comparable figures for 1953. The total area planted to vegetables in 1954 was 174,000 acres, an increase of about 5 per cent from the 166,000 acres planted in 1953. Among the 13 individual vegetable crops for which estimates are prepared, there were varying changes in acreage from 1953 to 1954. However, much of the increase was accounted for by the considerably larger areas planted to peas and lettuce. Although the total vegetable acreage was greater in each of Nova Scotia, New Brunswick, Quebec, and Ontario, Quebec showed the greatest increase with the 1954 acreage estimate of 46,000 acres exceeding that of 1953 by almost 10,000 acres. In Manitoba, Alberta and British Columbia, vegetable acreage was down in 1954 from 1953. Estimates are not available for Newfoundland, Prince Edward Island and Saskatchewan.

Due to the generally unfavourable season in 1954, yields per planted acre of most crops were reduced from the 1953 levels. Total production of eight out of the thirteen crops was lower than in 1953.

The method by which the 1954 estimates were prepared varied for the different areas and to some extent for the different crops. With the exception of British Columbia, questionnaires were sent to a sample of vegetable growers in all provinces for which statistics are published in this report. There were two questionnaires; the first one mailed in June of 1954 was designed to provide information on the acreage of vegetables and the second mailed towards the end of the year provided information on yields. The growers to whom questionnaires were mailed were a sample of all farmers who reported sales of vegetables in 1950 to the census. The details of the sample design varied to some extent in the different provinces, but, generally speaking, all farmers reporting large volumes of vegetables were included while only a portion of those with smaller enterprises were selected.

In the Maritime Provinces, Quebec, Manitoba and Alberta, the results of these surveys formed the basis of the estimates with the final figures being prepared in consultation with representatives of the Federal Department of Agriculture, the Provincial Departments of Agriculture and the Quebec Bureau of Statistics. In Ontario, the estimates for most crops were prepared by the Ontario Fruit and Vegetable Statistics Committee. Statistics on vegetables in British Columbia are compiled by the Provincial Department of Agriculture.

For the canning crops--asparagus, beans, corn, peas and tomatoes--acreages contracted and planted under contract and purchases of raw materials were obtained from processing firms. This material to a large extent formed the basis for the estimates of these crops in most provinces.

* Commercial Crops.

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In the province of Manitoba, acreage and production estimates for beans, corn and peas cover that portion of the crop grown for processing only in 1954 and in 1953. In Ontario, the same applies for these three crops in 1954 and for peas in 1953.

The estimates printed in this report cover only vegetables grown commercially including canning crops. Not included are any vegetables grown either on farms or elsewhere for home consumption only.

It will be noted that the estimates cover 13 crops only. There are a number of other vegetables normally produced in Canada. These specific crops, however, are the only ones which were counted separately on the 1951 census and represent over 90 per cent of the planted acreage of all vegetables grown for sale in Canada 1/ in that year. There are also some commercial vegetables grown in provinces other than those for which estimates appear in this report. However, of the total acreage 1/ of vegetables planted in 1951, over 99 per cent was located in the provinces for which estimates are herein provided.

1/ Exclusive of Newfoundland.

First Estimates of Acreage and Production of Vegetables in Canada, and
by Provinces, 1954, with Revised Estimates for 1953

	1953			1954		
	Planted Area	Average Yield per Acre	Total Production	Planted Area	Average Yield per Acre	Total Production
	acres	lb.	'000 lb.	acres	lb.	'000 lb.
CANADA -						
Asparagus	3,110	2,100	6,671	3,560	1,800	6,441
Beans	8,870	5,800	51,578	8,720	4,400	37,947
Beets	3,220	16,500	53,118	3,390	15,200	51,381
Cabbage	6,390	16,800	107,069	6,260	17,600	109,954
Carrots	6,870	21,300	146,153	7,990	17,600	140,244
Cauliflower	2,630	11,800	31,085	2,450	10,800	26,465
Celery	2,260	23,800	53,750	2,600	21,900	56,960
Corn	38,700	5,000	193,894	39,360	5,400	211,966
Lettuce	4,680	12,000	56,186	5,710	13,400	76,544
Onions	6,700	20,500	137,576	6,220	18,700	116,493
Peas	40,020	2,400	95,256	47,380	1,800	85,537
Spinach	1,360	9,300	12,661	1,410	9,700	13,637
Tomatoes	41,260	15,800	653,516	39,040	14,100	552,074
Total Area	166,070			174,090		
NOVA SCOTIA -						
Beans	420	5,500	2,310	400	4,200	1,700
Beets	100	15,100	1,510	70	13,100	920
Cabbage	240	17,800	4,272	300	16,300	4,890
Carrots	620	21,700	13,454	520	20,000	10,400
Corn	400	2,800	1,120	300	3,600	1,080
Peas	1,290	2,600	3,300	1,720	2,600	4,500
Tomatoes	200	10,800	2,160	290	11,300	3,270
Total Area	3,270			3,600		

First Estimates of Acreage and Production of Vegetables in Canada, and
by Provinces, 1954, with Revised Estimates for 1953

	1953			1954		
	Planted Area acres	Average Yield per Acre lb.	Total Production '000 lb.	Planted Area acres	Average Yield per Acre lb.	Total Production '000 lb.
<u>NEW BRUNSWICK -</u>						
Beans	140	4,200	594	80	1,300	102
Beets	100	11,000	1,100	170	10,300	1,752
Cabbage	130	12,300	1,599	120	9,000	1,080
Carrots	150	12,000	1,800	150	8,000	1,200
Corn	150	3,200	480	130	2,000	260
Peas	270	2,100	567	270	1,900	513
Tomatoes	150	10,900	1,635	180	8,200	1,470
Total Area	1,090			1,100		
<u>QUEBEC -</u>						
Asparagus	280	1,100	308	400	1,000	390
Beans	4,600	5,800	26,585	5,000	4,000	20,000
Beets	1,330	14,700	19,551	1,410	10,600	14,980
Cabbage	1,900	14,800	28,120	1,470	10,800	15,820
Carrots	1,940	19,300	37,442	2,800	11,400	31,810
Cauliflower	900	14,400	12,960	550	15,900	8,740
Celery	530	21,100	11,183	1,020	16,400	16,720
Corn	8,900	4,600	40,800	11,000	2,800	31,240
Lettuce	1,310	10,800	14,148	1,860	8,700	16,140
Onions	920	9,300	8,556	990	7,000	6,930
Peas	5,750	2,900	16,675	12,000	1,500	18,500
Spinach	230	3,400	782	320	5,100	1,640
Tomatoes	7,880	17,200	135,536	7,230	10,700	77,440
Total Area	36,470			46,050		
<u>ONTARIO -</u>						
Asparagus	2,540	2,200	5,543	2,630	1,900	4,997
Beans	1,620	3,800	6,156	1,180	3,600	4,300 1/
Beets	1,240	20,100	24,980	1,320	20,200	26,650
Cabbage	2,870	20,200	58,092	3,020	22,500	67,812
Carrots	2,960	26,100	77,206	3,120	23,800	74,128
Cauliflower	980	12,600	12,329	1,010	10,900	11,037
Celery	1,100	34,300	37,778	1,020	34,300	34,976
Corn	20,740	4,500	93,330	21,360	6,500	139,550 1/
Lettuce	2,510	11,700	29,341	2,980	17,400	51,874
Onions	4,160	24,600	102,242	3,820	22,500	85,878
Peas	23,010	1,900	44,348 1/	23,390	1,700	38,934 1/
Spinach	690	13,000	8,996	720	12,600	9,074
Tomatoes	30,040	15,900	478,238	29,280	15,400	450,604
Total Area	94,460			94,850		

1/ Refers to crops grown for processing only.

First Estimates of Acreage and Production of Vegetables in Canada, and
by Provinces, 1954, with Revised Estimates for 1953

	1 9 5 3			1 9 5 4		
	Planted Area acres	Average Yield per Acre lb.	Total Production '000 lb.	Planted Area acres	Average Yield per Acre lb.	Total Production '000 lb.
<u>MANITOBA -</u>						
Asparagus	110	2,100	231	90	1,400	130
Beans	190	5,500	1,050 <u>1/</u>	280	4,700	1,310 <u>1/</u>
Beets	90	16,500	1,485	90	11,600	1,040
Cabbage	480	12,300	5,904	480	17,300	8,300
Carrots	190	16,500	3,135	320	15,100	4,830
Cauliflower	320	8,100	2,592	480	5,600	2,670
Corn	2,660	4,000	10,642 <u>1/</u>	1,430	5,500	7,930 <u>1/</u>
Lettuce	170	7,900	1,343	220	1,500	340
Onions	530	13,000	6,890	540	7,800	4,210
Peas	1,040	2,600	2,711 <u>1/</u>	1,050	1,700	1,770 <u>1/</u>
Tomatoes	220	11,700	2,574	260	11,900	3,090
Total Area	6,000			5,240		
<u>ALBERTA -</u>						
Beans	460	5,400	2,484	510	4,500	2,280
Cabbage	210	11,300	2,373	280	9,800	2,730
Carrots	110	9,100	1,001	220	6,600	1,450
Corn	3,700	8,000	29,600	3,000	7,100	21,420
Onions	100	3,800	380	80	1,500	120
Peas	4,620	2,600	12,012	4,710	1,800	8,600
Total Area	9,200			8,800		
<u>BRITISH COLUMBIA -</u>						
Asparagus	180	3,300	589	440	2,100	924
Beans	1,440	8,600	12,399	1,270	6,500	8,255
Beets	360	12,500	4,492	330	18,300	6,039
Cabbage	560	12,000	6,709	590	15,800	9,322
Carrots	900	13,500	12,115	860	19,100	16,426
Cauliflower	430	7,500	3,204	410	9,800	4,018
Celery	630	7,600	4,789	560	9,400	5,264
Corn	2,150	8,300	17,922	2,140	4,900	10,486
Lettuce	690	16,500	11,354	650	12,600	8,190
Onions	990	19,700	19,508	790	24,500	19,355
Peas	4,040	3,900	15,643	4,240	3,000	12,720
Spinach	440	6,600	2,883	370	7,900	2,923
Tomatoes	2,770	12,000	33,373	1,800	9,000	16,200
Total Area	15,580			14,450		

1/ Refers to crops grown for processing only.