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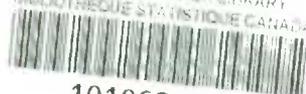
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PROPERTY OF THE

ACREAGE AND PRODUCTION OF COMMERCIAL VEGETABLES, 1955

The accompanying table comprises estimates of commercial acreages and production of vegetables in Canada for 1955 with revised figures for 1954. The area planted to vegetables in 1955 stood at 198,620 acres, an increase of 14 per cent over that of 1954. The area planted was up in all regions for which estimates are prepared except in Alberta and British Columbia. This is the second year during which there has been an increase in total acreage. Of the 13 individual crops for which estimates are available, eight showed higher yields and production than in 1954 while for the other five crops, yields and production were lower.

Growing conditions were somewhat variable during the 1955 season. Extremely hot weather throughout much of eastern Canada restricted crop development to some extent except where irrigation was available.

The methods of preparing the 1955 estimates varied for the different areas and to some extent for the different crops. With the exception of Ontario and 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 1955 was designed to provide information on the acreage of vegetables and the second mailed toward 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 were 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.

The estimates printed in this report cover only vegetables grown commercially for fresh sale and for processing. Not included are any vegetables grown either on farms or elsewhere for home consumption only. The areas shown in the accompanying table are planted acreage, and yields were calculated on a planted basis. In many cases acreage actually harvested would not be exactly equivalent to acreage planted.

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EDMOND CLOUTIER, C.M.G., O.A., D.S.P., Queen's Printer and Controller of Stationery, Ottawa, 1956.

Prepared in the Crops Section, Agriculture Division.

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.

Second Estimates of Acreage and First Estimates of Production of
Vegetables in Canada, by Province, 1955, with Acreage and Revised
Production Estimates for 1954

| | 1954 | | | 1955 | | |
|----------------------|---------------------|------------------------|---------------------|---------------------|------------------------|---------------------|
| | 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 | 3,530 | 1,800 | 6,206 | 3,780 | 1,900 | 7,231 |
| Beans * | 8,920 | 4,400 | 39,413 | 9,580 | 3,600 | 34,722 |
| Beets | 3,400 | 14,700 | 49,966 | 3,540 | 13,700 | 48,658 |
| Cabbage | 6,200 | 17,300 | 107,512 | 6,570 | 15,900 | 104,722 |
| Carrots | 8,000 | 17,100 | 136,747 | 8,540 | 17,900 | 152,574 |
| Cauliflower | 2,440 | 10,400 | 25,498 | 2,430 | 10,000 | 24,340 |
| Celery | 2,600 | 21,200 | 55,141 | 2,450 | 22,700 | 55,646 |
| Corn * | 39,380 | 5,400 | 211,608 | 44,620 | 5,600 | 250,188 |
| Lettuce | 5,750 | 13,400 | 76,844 | 5,010 | 10,700 | 53,795 |
| Onions | 6,210 | 17,800 | 110,305 | 6,040 | 20,100 | 121,630 |
| Peas * | 47,590 | 1,800 | 87,990 | 59,160 | 1,900 | 113,852 |
| Spinach | 1,430 | 9,000 | 12,895 | 1,310 | 10,400 | 13,550 |
| Tomatoes | 39,010 | 14,600 | 569,728 | 45,590 | 14,900 | 678,104 |
| Total Area | 174,460 | | | 198,620 | | |
| NOVA SCOTIA - | | | | | | |
| Beans | 400 | 4,200 | 1,700 | 570 | 6,400 | 3,650 |
| Beets | 70 | 13,100 | 920 | 100 | 15,500 | 1,550 |
| Cabbage | 300 | 16,300 | 4,890 | 350 | 15,000 | 5,250 |
| Carrots | 520 | 20,000 | 10,400 | 600 | 20,800 | 12,490 |
| Corn | 300 | 3,600 | 1,080 | 320 | 3,000 | 970 |
| Peas | 1,900 ^{1/} | 2,600 | 5,013 ^{1/} | 2,000 ^{2/} | 2,000 | 3,948 ^{2/} |
| Tomatoes | 290 | 11,300 | 3,270 | 290 | 11,900 | 3,450 |
| Total Area | 3,780 | | | 4,230 | | |

* In Ontario, Manitoba and Alberta the statistics shown for peas refer to the crop grown for processing only, in 1954 and 1955 and in the Maritime Provinces in 1955 only. The same applies to beans in Ontario, Manitoba and Alberta and corn in both years for Manitoba and in Ontario for 1954 only. In Quebec for 1955 the estimates for beans corn and peas refer to crops grown for processing only.

Second Estimates of Acreage and First Estimates of Production of Vegetables in Canada, by Province, 1955, with Acreage and Revised Production Estimates for 1954.

| | 1954 | | | 1955 | | |
|------------------------|------------------|---------------|-------------------|------------------|---------------|------------------|
| | Planted Area | Average Yield | Total Production | Planted Area | Average Yield | Total Production |
| | acres | lb. | '000 lb. | acres | lb. | '000 lb. |
| NEW BRUNSWICK - | | | | | | |
| Beans | 80 | 1,300 | 102 | 110 | 1,100 | 120 |
| Beets | 170 | 10,300 | 1,752 | 120 | 4,500 | 540 |
| Cabbage | 120 | 9,000 | 1,080 | 140 | 15,400 | 2,150 |
| Carrots | 150 | 8,000 | 1,200 | 200 | 6,000 | 1,200 |
| Corn | 130 | 2,000 | 260 | 140 | 1,300 | 182 |
| Peas | <u>3/</u> | <u>3/</u> | <u>3/</u> | <u>3/</u> | <u>3/</u> | <u>3/</u> |
| Tomatoes | <u>180</u> | 8,200 | 1,470 | <u>180</u> | 10,000 | 1,800 |
| Total Area | 830 | | | 890 | | |
| QUEBEC - | | | | | | |
| Asparagus | 400 | 1,000 | 390 | 400 | 1,400 | 580 |
| Beans | 5,000 | 4,000 | 20,000 | 5,500 <u>4/</u> | 2,600 | 14,030 <u>4/</u> |
| Beets | 1,410 | 10,600 | 14,980 | 1,560 | 8,200 | 12,740 |
| Cabbage | 1,470 | 10,800 | 15,820 | 2,000 | 9,600 | 19,270 |
| Carrots | 2,800 | 11,400 | 31,810 | 3,500 | 11,000 | 38,590 |
| Cauliflower | 550 | 15,900 | 8,740 | 620 | 11,800 | 7,346 |
| Celery | 1,020 | 16,400 | 16,720 | 1,020 | 17,300 | 17,680 |
| Corn | 11,000 | 2,800 | 31,240 | 11,640 <u>4/</u> | 4,500 | 52,720 <u>4/</u> |
| Lettuce | 1,860 | 8,700 | 16,140 | 1,690 | 7,200 | 12,140 |
| Onions | 990 | 7,000 | 6,930 | 1,160 | 5,600 | 6,460 |
| Peas | 12,000 | 1,500 | 18,500 | 16,780 <u>4/</u> | 1,400 | 22,970 <u>4/</u> |
| Spinach | 320 | 5,100 | 1,640 | 200 | 4,200 | 838 |
| Tomatoes | <u>7,230</u> | 10,700 | 77,440 | <u>7,800</u> | 11,600 | 90,300 |
| Total Area | 46,050 | | | 53,870 | | |
| ONTARIO - | | | | | | |
| Asparagus | 2,630 | 1,900 | 4,997 | 2,840 | 2,100 | 5,841 |
| Beans | 1,180 <u>4/</u> | 3,600 | 4,284 <u>4/</u> | 1,170 <u>4/</u> | 2,900 | 3,396 <u>4/</u> |
| Beets | 1,320 | 20,200 | 26,650 | 1,360 | 20,600 | 28,070 |
| Cabbage | 3,020 | 22,500 | 67,812 | 2,930 | 19,900 | 58,434 |
| Carrots | 3,120 | 23,800 | 74,128 | 3,040 | 26,000 | 79,092 |
| Cauliflower | 1,010 | 10,900 | 11,037 | 970 | 11,300 | 11,004 |
| Celery | 1,020 | 34,300 | 34,976 | 910 | 37,700 | 34,274 |
| Corn | 21,360 <u>4/</u> | 6,500 | 138,688 <u>4/</u> | 25,270 | 5,700 | 144,968 |
| Lettuce | 2,980 | 17,400 | 51,874 | 2,600 | 13,100 | 34,040 |
| Onions | 3,820 | 22,500 | 85,878 | 3,850 | 26,100 | 100,398 |
| Peas | 23,390 <u>4/</u> | 1,700 | 39,186 <u>4/</u> | 29,910 <u>4/</u> | 2,000 | 58,966 <u>4/</u> |
| Spinach | 720 | 12,600 | 9,074 | 760 | 13,500 | 10,262 |
| Tomatoes | <u>29,280</u> | 16,000 | 469,104 | <u>35,210</u> | 15,900 | 558,922 |
| Total Area | 94,850 | | | 110,820 | | |

Second Estimates of Acreage and First Estimates of Production of Vegetables
in Canada, by Province, 1955, with Acreage and Revised Production Estimates
for 1954

| | 1954 | | | 1955 | | |
|---------------------------|-----------------|---------|-----------------|-----------------|---------|------------------|
| | Planted | Average | Total | Planted | Average | Total |
| | Area | Yield | Production | Area | Yield | Production |
| | per Acre | | | per Acre | | |
| | acres | lb. | '000 lb. | acres | lb. | '000 lb. |
| MANITOBA - | | | | | | |
| Asparagus | 90 | 1,400 | 130 | 80 | 1,500 | 120 |
| Beans | 280 <u>4/</u> | 4,700 | 1,310 <u>4/</u> | 300 <u>4/</u> | 4,400 | 1,310 <u>4/</u> |
| Beets | 90 | 11,600 | 1,040 | 60 | 12,700 | 760 |
| Cabbage | 480 | 17,300 | 8,300 | 460 | 10,300 | 4,740 |
| Carrots | 320 | 15,100 | 4,830 | 270 | 16,500 | 4,460 |
| Cauliflower | 480 | 5,600 | 2,670 | 440 | 4,900 | 2,150 |
| Corn | 1,430 <u>4/</u> | 5,500 | 7,930 <u>4/</u> | 1,630 <u>4/</u> | 5,000 | 8,220 <u>4/</u> |
| Lettuce | 220 | 1,500 | 340 | 70 | 5,700 | 400 |
| Onions | 540 | 7,800 | 4,210 | 430 | 8,300 | 3,550 |
| Peas | 1,050 <u>4/</u> | 1,700 | 1,770 <u>4/</u> | 1,700 <u>4/</u> | 1,600 | 2,670 <u>4/</u> |
| Tomatoes | 260 | 11,900 | 3,090 | 200 | 20,800 | 4,150 |
| Total Area | 5,240 | | | 5,640 | | |
| ALBERTA - | | | | | | |
| Beans | 510 <u>4/</u> | 4,500 | 2,280 <u>4/</u> | 550 <u>4/</u> | 4,100 | 2,280 <u>4/</u> |
| Cabbage | 280 | 9,800 | 2,730 | 150 | 15,700 | 2,350 |
| Carrots | 220 | 6,600 | 1,450 | 170 | 12,600 | 2,150 |
| Corn | 3,000 | 7,100 | 21,420 | 3,500 | 9,400 | 32,740 |
| Onions | 80 | 1,500 | 120 | 40 | 3,400 | 134 |
| Peas | 4,710 <u>4/</u> | 1,800 | 8,600 <u>4/</u> | 4,300 <u>4/</u> | 2,300 | 10,100 <u>4/</u> |
| Total Area | 8,800 | | | 8,710 | | |
| BRITISH COLUMBIA - | | | | | | |
| Asparagus | 410 | 1,700 | 689 | 460 | 1,500 | 690 |
| Beans | 1,470 | 6,600 | 9,737 | 1,380 | 7,200 | 9,936 |
| Beets | 340 | 13,600 | 4,624 | 340 | 14,700 | 4,998 |
| Cabbage | 530 | 13,000 | 6,880 | 540 | 23,200 | 12,528 |
| Carrots | 870 | 14,900 | 12,929 | 760 | 19,200 | 14,592 |
| Cauliflower | 400 | 7,600 | 3,051 | 400 | 9,600 | 3,840 |
| Celery | 560 | 6,200 | 3,445 | 520 | 7,100 | 3,692 |
| Corn | 2,160 | 5,100 | 10,990 | 2,120 | 4,900 | 10,388 |
| Lettuce | 690 | 12,300 | 8,490 | 650 | 11,100 | 7,215 |
| Onions | 780 | 16,900 | 13,167 | 560 | 19,800 | 11,088 |
| Peas | 4,540 | 3,300 | 14,921 | 4,470 | 3,400 | 15,198 |
| Spinach | 390 | 5,600 | 2,181 | 350 | 7,000 | 2,450 |
| Tomatoes | 1,770 | 8,700 | 15,354 | 1,910 | 10,200 | 19,482 |
| Total Area | 14,910 | | | 14,460 | | |

1/ Includes New Brunswick.

2/ Includes New Brunswick and Prince Edward Island; refers to crops grown for processing only in all three provinces.

3/ Included with Nova Scotia.

4/ Refers to crops grown for processing only.