

DOMINION BUREAU OF STATISTICS - CANADA  
AGRICULTURAL BRANCH

Price: 10 cents

Dominion Statistician:  
Chief, Agricultural Branch:  
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Margaret MacLellan, B.A.MAPLE PRODUCTS REPORT FOR 1941

Ottawa, July 30, 1941 - The Dominion Bureau of Statistics in cooperation with the Dominion and Provincial Departments of Agriculture issues today a report on maple production in Canada in 1941.

SUMMARY

The output of maple products in Canada during the 1941 season was 26.5 per cent less than production in the previous year and slightly below the ten-year average. The total production of maple sugar and syrup in terms of syrup is estimated at 2,276,400 gallons as compared with 3,099,000 gallons in 1940 and the ten-year (1930-39) average of 2,486,500 gallons. The farm production of maple sugar amounted to 10 per cent of the total crop as compared with 11 per cent in 1940. Prices paid to producers for the 1941 crop averaged 20 cents per gallon higher for maple syrup and 2.5 cents per pound more for maple sugar than in the previous year. However, the combined production of maple sugar and syrup in 1941, valued at \$3,561,200 as compared with \$4,209,300 in 1940, shows a decrease of \$648,100 or 15 per cent.

Production

The production of maple syrup and sugar in 1941 is estimated in terms of maple syrup at 2,276,400 gallons, which is smaller by 822,600 gallons or 26.5 per cent than the 3,099,000 gallons produced in 1940 and slightly below the ten-year (1930-39) average production of 2,486,500 gallons. The 1941 production of maple syrup amounted to 2,037,400 gallons and the farm make of maple sugar to 2,390,000 pounds. These estimates represent decreases of 717,800 gallons of syrup and 1,047,500 pounds of sugar from the production of 2,755,200 gallons of syrup and 3,437,500 pounds of sugar in 1940. The Bureau's correspondents report that practically the same proportion of the total 1941 production was made into maple sugar on farms as in the previous three years, 10 per cent as compared with 11 per cent in 1940 and 1939 and 10 per cent in 1938.

The distribution of production by provinces in order of magnitude follows, with the corresponding estimates for 1940 within brackets: Maple syrup (gallons) - Quebec 1,650,000 (2,211,000); Ontario 370,700 (519,400); New Brunswick 11,400 (16,800); Nova Scotia 5,300 (8,000). Maple sugar (pounds) - Quebec 2,244,000 (3,251,700); New Brunswick 66,700 (94,100); Ontario 43,200 (50,000); Nova Scotia 36,100 (41,700).

Table 1.

Farm Production of Maple Syrup and Maple Sugar, in Canada, 1932 to 1941

Year	Maple Syrup	Maple Sugar	Total Production Expressed as Syrup
	gallons	pounds	gallons
1932 .....	1,710,000	7,260,000	2,436,000
1933 .....	1,262,300	5,785,100	1,840,800
1934 .....	1,838,400	4,940,700	2,332,500
1935 .....	2,250,800	6,539,000	2,904,700
1936 .....	2,022,700	9,231,800	2,945,900
1937 .....	1,232,000	4,413,100	1,673,400
1938 .....	2,955,300	3,453,900	3,300,700
1939 .....	2,302,200	2,900,200	2,592,200
1940 .....	2,755,200	3,437,500	3,099,000
1941 .....	2,037,400	2,390,000	2,276,400
5-year Average 1935-39	5,307,600	2,152,600	2,683,400
10-year Average 1930-39	5,825,500	1,903,900	2,486,500

Note: Ten pounds of maple sugar equals one gallon of maple syrup.

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Year	Assets	Liabilities	Equity
1924	\$1,000,000	\$500,000	\$500,000
1923	\$1,000,000	\$500,000	\$500,000
1922	\$1,000,000	\$500,000	\$500,000
1921	\$1,000,000	\$500,000	\$500,000
1920	\$1,000,000	\$500,000	\$500,000
1919	\$1,000,000	\$500,000	\$500,000
1918	\$1,000,000	\$500,000	\$500,000
1917	\$1,000,000	\$500,000	\$500,000
1916	\$1,000,000	\$500,000	\$500,000
1915	\$1,000,000	\$500,000	\$500,000
1914	\$1,000,000	\$500,000	\$500,000
1913	\$1,000,000	\$500,000	\$500,000
1912	\$1,000,000	\$500,000	\$500,000
1911	\$1,000,000	\$500,000	\$500,000
1910	\$1,000,000	\$500,000	\$500,000
1909	\$1,000,000	\$500,000	\$500,000
1908	\$1,000,000	\$500,000	\$500,000
1907	\$1,000,000	\$500,000	\$500,000
1906	\$1,000,000	\$500,000	\$500,000
1905	\$1,000,000	\$500,000	\$500,000
1904	\$1,000,000	\$500,000	\$500,000
1903	\$1,000,000	\$500,000	\$500,000
1902	\$1,000,000	\$500,000	\$500,000
1901	\$1,000,000	\$500,000	\$500,000
1900	\$1,000,000	\$500,000	\$500,000



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Table 2.

Farm Production of Maple Syrup and Maple Sugar in Canada by Provinces,  
1941 as Compared with 1940.

Province	Maple Syrup		Maple Sugar	
	1940	1941	1940	1941
	gallons		pounds	
Nova Scotia .....	8,000	5,300	41,700	36,100
New Brunswick .....	16,800	11,400	94,100	66,700
Quebec .....	2,211,000	1,650,000	3,251,700	2,244,000
Ontario .....	519,400	370,700	50,000	43,200
CANADA .....	2,755,200	2,037,400	3,437,500	2,390,000

Seasonal Conditions

Although the season opened somewhat earlier and more trees were tapped in Quebec and Ontario in 1941 than in the previous year, runs were generally light and the season disappointingly short, owing to warm, sunny weather and the absence of frost. The product, however was of generally good quality.

The average dates of first and last runs of sap as reported by crop correspondents in 1941 compared with corresponding dates reported in 1940, are shown below:

Province	1940		1941	
	Average date first run began	Average date last run ended	Average date first run began	Average date last run ended
Nova Scotia .....	March 29	April 20	March 30	April 12
New Brunswick ...	March 25	April 25	April 1	April 15
Quebec .....	April 1	April 27	March 27	April 18
Ontario .....	April 1	April 20	March 27	April 12

Runs were very short in the Maritime Provinces. Heavy snow in Nova Scotia prevented many operators from opening up the roads in time to take advantage of the full season's run and in many cases operations were carried on for only a few days. In New Brunswick, rainfall last autumn was exceedingly heavy and snow covered the ground before there was any serious penetration of frost. This largely accounts for the very short season which terminated suddenly with a warm rain on Good Friday.

In Quebec the tapping season was about two weeks shorter than in the previous year. Spring weather was exceptional. It was fairly cool until the end of March by which time the snow was practically all gone. The first three weeks of April were bright and sunny with temperatures as high as 70 degrees and no rain or snow. As there was no quick transition from winter to spring, producers scarcely knew just when to tap. Those who tapped early reported good runs. Others who waited for a typical season were disappointed and lost the first good runs. As a result reports from the different districts vary greatly. Some producers claim to have made only 50 gallons of syrup from 1,500 trees while others who got an early start have made up to 200 gallons from the same number of trees. The colour and flavour of the syrup was good and the product was of generally good quality, although not as high as the 1940 crop.

The excellent quality of the syrup produced in Ontario can be attributed in part to the absence of rain during the short and very dry season. There were no night frosts, and with no frost in the ground the flow was cut off suddenly by an extremely warm spell in the second week of April. The tapping season was about five days shorter than in 1940.

Prices and Marketings

Average prices paid to producers for this year's maple crop were higher than at any time in the past ten years. Prices in 1941 averaged \$1.54 per gallon for maple syrup and 17.5 cents per pound for maple sugar, which represent increases of 20 cents per gallon for maple syrup and 2.5 cents per pound for sugar as compared with prices paid for the 1940 crop. These increases, which were common to all provinces, were in line with the general upswing in prices of food commodities. With a very small carry-over from last year and a smaller crop this season, demand was brisk and the bulk of the crop moved easily at prices well above the 1940 levels.

THE UNIVERSITY OF CHICAGO

Year	1900	1901	1902	1903	1904
Amount	100,000	120,000	150,000	180,000	200,000
Interest	5,000	6,000	7,500	9,000	10,000
Dividends	2,000	2,500	3,000	3,500	4,000
Reserve	10,000	12,000	15,000	18,000	20,000
Total	117,000	138,500	175,500	209,500	234,000

The following table shows the results of the operations of the University of Chicago for the year ending June 30, 1904. The total amount of the fund was \$234,000. The interest on the fund was \$10,000. The dividends on the fund were \$4,000. The reserve fund was \$20,000. The total amount of the fund was \$234,000.

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Approximately 30 per cent of the total production of maple syrup and 70 per cent of the maple sugar produced on farms was reported by crop correspondents as having been marketed at May 31. Of the total sales of maple syrup, approximately 65 per cent were direct to the consumer and 35 per cent to wholesale packers. For maple sugar, the corresponding percentages were 69 and 31. Expressed as a percentage of the total production, sales of the 1941 crop as at May 31, with the corresponding percentages for 1940 within brackets, were as follows: Maple Syrup - Nova Scotia 95 (93); New Brunswick 96 (75); Quebec 78 (80); Ontario 83 (81). Maple Sugar - Nova Scotia 100 (98); New Brunswick 95 (96); Quebec 64 (67); Ontario 69 (62).

Average prices per gallon received by the producers for maple syrup are estimated as follows, with the 1940 prices within brackets: Nova Scotia \$2.07 (\$1.78); New Brunswick \$2.12 (\$1.85); Quebec \$1.47 (\$1.27); Ontario \$1.84 (\$1.59). Prices reported for maple sugar, in cents per pound, averaged for Nova Scotia 26 (23); New Brunswick 25 (23); Quebec 17 (15); Ontario 25 (22).

Despite higher prices, the total value of the combined production of maple sugar and syrup in 1941, estimated at \$3,561,200, is less than the value of the 1940 crop by \$648,100 or 15 per cent. The values by provinces in order of magnitude follow, with the corresponding values for 1940 within brackets: Quebec \$2,807,000 (\$3,295,800); Ontario \$692,900 (\$836,800); New Brunswick \$40,900 (\$52,800); Nova Scotia \$20,400 (\$23,900).

### Exports

Exports of maple products during the fiscal year ended March 31, 1941, consisted of 376,364 gallons of maple syrup and 4,559,671 pounds of maple sugar, as compared with 207,281 gallons of syrup and 6,750,670 pounds of sugar in the previous crop year. Expressed in terms of maple syrup this represents a decrease of 55,892 gallons. During the three months April-June 1941, exports in terms of maple syrup totalled 344,863 gallons, of which 136,217 gallons were exported as maple syrup and the remainder as maple sugar. Exports during this period were smaller than in the corresponding three months in 1940 when 319,006 gallons of maple syrup and 1,145,435 pounds of maple sugar were exported.

Table 3.

Exports of Maple Sugar and Maple Syrup from Canada, 1932 to 1941

Year ended March 31	Maple Syrup	Maple Sugar expressed as Syrup <sup>1/</sup>	Total Exports in terms of Maple Syrup
1932 .....	13,816	297,021	310,837
1933 .....	21,756	317,647	339,403
1934 .....	21,709	229,504	251,213
1935 .....	106,440	317,666	424,106
1936 .....	208,646	402,214	610,860
1937 .....	14,104	603,184	617,288
1938 .....	6,910	421,865	428,775
1939 .....	10,013	763,531	773,544
1940 .....	207,281	675,067	882,348
1941 .....	376,364	450,092	826,456

<sup>1/</sup> Converted to syrup on basis of ten pounds of sugar equivalent to one gallon of syrup.

### United States Crop Report

A crop report as of June 1, 1941, issued by the United States Department of Agriculture states:-

"It is estimated that 10,126,000 trees were tapped in the 10 Northern States producing maple products, or slightly less than the 10,178,000 trees tapped in the 1940 season. The quantity of syrup made this year—2,061,000 gallons was materially less than the 1940 production of 2,628,000 gallons. Only 556,000 pounds of maple sugar were made this season compared with 629,000 pounds made in the previous year. The unusually low production of maple products in 1941 was due largely to the very short campaign in most States. This season opened somewhat late and closed rather abruptly, as unseasonably hot weather occurred in most sections early in April. The flow of sap was retarded by the warm weather and lack of frost in the ground but the sap was quite sweet and the syrup produced was of good quality."

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