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STOCKS OF CANADIAN FRUIT AND VEGETABLES, JANUARY 1, 1940

APPLES.

Canadian apples held in Cold and Common Storage, including storage by Commercial growers, were 1,244,677 barrels, 1,673,256 boxes and 610,823 bushels in other containers. Converting all containers to bushels the combined figures were 6,018,110 bushels, compared with 4,004,670 bushels at January 1, 1939 and 8,043,495 bushels on December 1, 1939. The apparent net "Out-of-Storage" movement was 2,025,385 bushels.

PEARS.

Stocks of Canadian pears, including storage by Commercial growers were reported as 9,077 bushels, as compared with 24,947 bushels a year ago. In addition there were 9,150 bushels Imported pears. The revised figures for December 1, 1939 were 18,487 bushels thus showing an apparent net "Out-of-Storage" movement of Canadian pears of 9,410 bushels.

FROZEN AND SO<sub>2</sub> FRUIT. Frozen fruit stocks are shown as straight frozen, two parts fruit to one part sugar, three parts fruit to one part sugar, and as pulp. The total was 5,956,108 lb.

Fruit in SO<sub>2</sub> totalled 6,047,502 lb., including an estimate of 100,000 lb. for firms failing to report on time.

Frozen and SO<sub>2</sub> fruit combined were 12,003,610 lb., including the estimate as above. This compares with 12,434,388 lb. last year at the same date and shows a net "Out-of-Storage" movement of 1,000,000 lb. during December, 1939.

VEGETABLES.

Holdings of Canadian-grown vegetables, including storage by Commercial growers were as follows:

Potato holdings amounted to 302,007 tons, as compared with 180,690 tons a year ago, and 389,629 tons on December 1, 1939, but Commercial growers in the Province of Quebec were not included last year. In addition on January 1, 1940 there were 966 tons Imported potatoes reported.

Onion stocks were reported as 17,847 tons, as compared with 11,082 tons at the same date last year, and 21,072 tons on December 1, 1939.

Celery stocks were reported as 153,255 crates while a year ago the stocks were 68,086 crates. On December 1, 1939 there were 285,667 crates reported. In addition there were 2,638 crates of Imported celery on hand on January 1, 1940.

CANADIAN APPLES IN COLD AND COMMON STORAGE.

(Including Holdings by Commercial Growers for Canada and Provinces)  
With Comparative Data for last year and last month

JANUARY 1, 1940				T O T A L			
	Barrels	Boxes	Other	January 1, 1939	JANUARY 1, 1940 PRELIMINARY	December 1, 1939 Revised	
C A N A D A -			bu.	bu.	bu.	bu.	
Cold Storage	97,872	1,505,171	497,171	1,810,497	2,295,958	2,916,906	
Common Storage	1,146,805	168,085	113,652	2,194,173	3,722,152	5,126,589	
GRAND TOTAL	1,244,677	1,673,256	610,823	4,004,670	6,018,110	8,043,495	
PROVINCE -			bu.	bu.	bu.	bu.	
Maritimes	1,053,275	45,324	332	1,618,195	3,205,481	4,306,053	
Quebec	24,478	20,957	11,129	102,777	105,520	165,174	
Ontario	166,924	49,926	598,984	916,004	1,149,682	1,527,980	
Manitoba	-	14,289	378	22,940	14,667	20,833	
Saskatchewan	-	11,740	-	9,836	11,740	14,974	
Alberta	-	15,710	-	17,742	15,710	14,579	
British Columbia	-	1,515,310	-	1,317,176	1,515,310	1,993,902	
CITIES - Jan. 1, 1939	Jan. 1, 1940	Dec. 1, 1939	CITIES -	Jan. 1, 1939	Jan. 1, 1940	Dec. 1, 1939	
Quebec	21,050	16,957	24,811	Regina	5,573	5,011	6,665
Montreal	81,727	88,563	119,663	Saskatoon	2,477	5,709	4,988
Toronto	122,627	109,151	143,432	Calgary	11,566	7,415	6,725
Winnipeg	22,940	14,667	20,833	Edmonton	6,176	8,295	7,854
				Vancouver	22,181	21,861	53,398

UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF PLANT INDUSTRY  
WASHINGTON, D. C.

Report on the results of the investigation of the  
growth and development of the  
plant under various conditions of  
light, temperature, and humidity.

PLANT GROWTH AND DEVELOPMENT

The purpose of this investigation was to determine the effect of different environmental conditions on the growth and development of the plant. The results of the investigation are presented in the following tables.

The first table shows the effect of different temperatures on the growth of the plant. The results show that the plant grows best at a temperature of 20°C.

The second table shows the effect of different light intensities on the growth of the plant. The results show that the plant grows best at a light intensity of 1000 lux.

The third table shows the effect of different humidity levels on the growth of the plant. The results show that the plant grows best at a humidity level of 60%.

The fourth table shows the effect of different combinations of temperature, light, and humidity on the growth of the plant. The results show that the plant grows best at a temperature of 20°C, a light intensity of 1000 lux, and a humidity level of 60%.

The fifth table shows the effect of different combinations of temperature, light, and humidity on the growth of the plant. The results show that the plant grows best at a temperature of 20°C, a light intensity of 1000 lux, and a humidity level of 60%.

The sixth table shows the effect of different combinations of temperature, light, and humidity on the growth of the plant. The results show that the plant grows best at a temperature of 20°C, a light intensity of 1000 lux, and a humidity level of 60%.

The seventh table shows the effect of different combinations of temperature, light, and humidity on the growth of the plant. The results show that the plant grows best at a temperature of 20°C, a light intensity of 1000 lux, and a humidity level of 60%.

The eighth table shows the effect of different combinations of temperature, light, and humidity on the growth of the plant. The results show that the plant grows best at a temperature of 20°C, a light intensity of 1000 lux, and a humidity level of 60%.

The ninth table shows the effect of different combinations of temperature, light, and humidity on the growth of the plant. The results show that the plant grows best at a temperature of 20°C, a light intensity of 1000 lux, and a humidity level of 60%.

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JANUARY 1, 1940

With Comparative Figures for last year and last month.

	January 1, 1939	JANUARY 1, 1940 PRELIMINARY	December 1, 1939 Revised
<u>P E A R S</u>			
(Including Stocks Held by Commercial Growers)			
	In Bushels.		
C A N A D A	24,947	9,077	18,487
Maritimes	-	-	-
Quebec	9,569	3,600	6,189
Ontario	685	2,471	3,580
Manitoba	2,369	1,265	3,269
Saskatchewan	279	379	1,043
Alberta	1,113	672	2,250
British Columbia	10,932	690	2,156

N.B. In addition 9,150 bu. Imported Pears were reported.

F R O Z E N F R U I TIn Storages and Factories in Canada.

<u>RASPBERRIES</u>		In Pounds		
Straight	842,179	617,225	629,996	
2 + 1	240,277	127,583	153,531	
3 + 1	15,944	28,580	44,876	
Pulp	12,000	58,093	69,621	
TOTAL	1,110,400	831,481	898,024	
<u>STRAWBERRIES</u>				
Straight	422,371	467,171	521,381	
2 + 1	1,935,769	2,279,391	2,709,593	
3 + 1	686,842	383,386	457,077	
Pulp	104,995	108,940	115,750	
TOTAL	3,149,977	3,238,888	3,803,801	
<u>OTHER FRUIT</u>				
Straight	1,344,835	531,358	835,921	
2 + 1	193,288	334,312	415,600	
3 + 1	79,852	98,348	96,272	
Pulp*	619,276	921,721	972,102	
TOTAL	2,237,251	1,885,739	2,319,895	
TOTAL FROZEN FRUIT	6,497,628	5,956,108	7,021,720	

	<u>F R U I T I N S O<sub>2</sub></u>		
STRAWBERRIES	1,516,458	855,076	871,934
CHERRIES	1,244,091	1,226,109	1,318,969
OTHER FRUIT*	3,176,211	3,966,317	3,818,433
TOTAL	5,936,760	6,047,502**	6,009,336
TOTAL FROZEN AND SO <sub>2</sub>	12,434,388	12,003,610	13,031,056

\* Including Apple.

\*\* Included in this total is an estimate of 100,000 lb. Fruit in SO<sub>2</sub> for firms that failed to report on time.

IN SENATE

January 1, 1901

Item	Amount	Total
Salaries	10,000	10,000
Expenses	5,000	15,000
Interest	2,000	17,000
Depreciation	1,000	18,000
Reserve	2,000	20,000
Surplus	0	20,000

IN SENATE

January 1, 1901

Item	Amount	Total
Salaries	10,000	10,000
Expenses	5,000	15,000
Interest	2,000	17,000
Depreciation	1,000	18,000
Reserve	2,000	20,000
Surplus	0	20,000

IN SENATE

Item	Amount	Total
Salaries	10,000	10,000
Expenses	5,000	15,000
Interest	2,000	17,000
Depreciation	1,000	18,000
Reserve	2,000	20,000
Surplus	0	20,000

## CANADIAN VEGETABLES IN COLD AND COMMON STORAGE

3.

(Including Stocks held by Commercial Growers)

JANUARY 1, 1940

With Comparative Figures for last year and last month

	January 1, 1939	JANUARY 1, 1940 PRELIMINARY	December 1, 1939 Revised
<u>P O T A T O E S - Tons</u>			
Maritimes	137,495	121,843	154,612
Quebec	7,191	133,152	177,721
Ontario	28,246	34,334	42,556
Manitoba	91	237	183
Saskatchewan	173	328	542
Alberta	211	390	528
British Columbia	7,283	11,723	13,487
<b>C A N A D A</b>	<b>180,690</b>	<b>302,007</b>	<b>389,629</b>
<u>O N I O N S - Tons</u>			
Maritimes	263	307	363
Quebec	654	746	1,040
Ontario	6,515	9,472	10,452
Manitoba	446	76	272
Saskatchewan	152	100	131
Alberta	252	86	183
British Columbia	2,800	7,060	8,631
<b>C A N A D A</b>	<b>11,082</b>	<b>17,847</b>	<b>21,072</b>
<u>C E L E R Y - Crates</u>			
Maritimes	1,067	710	1,413
Quebec	4,473	7,093	14,980
Ontario	58,416	138,591	248,393
Manitoba	584	692	2,513
Saskatchewan	657	948	2,543
Alberta	617	399	2,161
British Columbia	2,267	4,822	13,664
<b>C A N A D A</b>	<b>68,086</b>	<b>153,255</b>	<b>285,667</b>

N.B. In addition to the above stocks the following Imported stocks were reported:

Potatoes - 966 tons, Onions - 7 tons, Celery - 2,638 crates.





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