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THE
FRUIT & VEGETABLE PACKING INDUSTRY
in
CANADA
1926

- INCLUDING
1. Fruits and Vegetables, Canned
 2. Fruits and Vegetables, Dried or Evaporated
 3. Fruits, Preserved
 4. Vinegar, Pickles, Sauces and Relishes

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Published by authority of the Hon. James Malcolm, M. P.,
Minister of Trade and Commerce

+ + +

OTTAWA

1928

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NOTE.- The statistics published in the present statement include only the statistics of such manufacturing establishments as are engaged in the canning or preserving of fruits and vegetables etc., as their principal product. The statistics relating to specific products are therefore not to be regarded as comprehensive, as products like vinegar, mincemeat, jelly powders etc. etc. are also found as secondary products of other industries such as the Meatpacking, Coffee and spices, Miscellaneous Chemical industries etc.

(See summary table, page 2.)

DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
OTTAWA - CANADA

Dominion Statistician: R. H. Coats, B.A., F.S.S.(Hon.), F.R.S.C.
Chief, Census of Industry: J. C. Macpherson

Ottawa, January, 1928 - The annual report on the Fruit and Vegetable Packing and Allied Industries in Canada for the calendar year 1926 is herewith presented. The report is divided into four separate sections as follows:-

1. Fruits and Vegetables, Canned.
2. Fruits and Vegetables, dried or evaporated.
3. Fruits, preserved.
4. Vinegar, Cider, Pickles, Sauces and Relishes.

A summary of the operating plants in each section with their location by provinces is given in the table following for the calendar year 1926.

Provinces	Fruits and Vegetables Canned	Fruits & Vegetables, dried or evaporated	Fruits Preserved	Vinegar, Cider, Pickles Sauces and Relishes	Total
Canada	136	34	45	57	272
Prince Edward Island	-	-	-	-	-
Nova Scotia	3	5	1	1	10
New Brunswick	5	-	1	1	7
Quebec	18	-	9	6	33
Ontario	93	28	21	36	178
Manitoba	1	-	-	5	6
Saskatchewan	-	-	1	-	1
Alberta	-	-	1	2	3
British Columbia	16	1	11	6	34

Comparing the number of plants reporting in 1926 with 1925, there appears a decrease of 6 in the number of factories canning fruits and vegetables, a decrease of 23 in the number of evaporating factories, and of 3 in the number of factories making vinegar, pickles, sauces, etc., whilst ~~jam~~ factories on the other hand increased by 2, thus making a net decrease of 30 plants in the entire industry during 1926. By provinces, decreases appear as follows:- Nova Scotia 5, New Brunswick 2, and Ontario 25. Quebec and Manitoba each show an increase of one plant, while British Columbia, Saskatchewan and Alberta remained stationary.

A table showing the quantity and values of commodities in the fruit and vegetable canning and kindred industries is herewith presented for the calendar year 1926.

Collective Summary of Products in the Fruit and Vegetable Packing and other industries, 1926.

	Unit	Quantity	Value \$
Fruits, canned			
Apples	case	142,305	311,074
Cherries	"	70,361	311,150
Peaches	"	107,138	441,350
Pears	"	176,390	665,312
Plums	"	133,778	337,963
Raspberries	"	78,188	462,007
Strawberries	"	27,062	155,044
All other fruits	"	102,183	374,970
Vegetables, canned			
Beans, green or wax	"	132,119	431,070
Beans, baked	"	889,624	2,512,409
Corn	"	930,549	2,297,565
Peas	"	1,291,215	3,451,355
Tomatoes	"	1,592,828	3,817,685
All other vegetables	"	84,392	245,674
Fruits, preserved			
Jams	pound	37,761,545	4,732,117
Jellies	"	2,469,903	310,445
Marmalades	"	7,571,673	837,817
Syrups	gal.	239,977	347,365
All other preserved fruits	gal.	194,924	525,393
Fruits, dried or evaporated			
Apples	pound	3,332,521	310,431
Apple chop and waste	"	752,623	16,024
Vinegar, Pickles, Sauces, etc.			
Vinegar	gallon	4,035,148	1,210,269
Pickles, all kinds	"	890,151	1,229,832
Catsup, sauces and relishes	"	1,252,586	2,240,608
Cider	"	544,999	112,555
Miscellaneous products			
Canned soups	case	173,738	604,883
Canned macaroni	"	65,160	237,002
Canned chicken	"	3,997	43,080
Apple butter	pound	283,771	23,353
Peanut butter	"	3,143,609	591,060
Candied peel	"	1,196,704	248,647
Mincemeat	"	2,597,810	320,421
Powders, ice-cream, jelly, etc.	"	-	1,192,080
Mustard, prepared	gallon	404,806	352,081
Horseradish	pound	115,239	30,806
Sauerkraut	"	1,212,075	40,825
Salad dressing	gallon	22,351	77,664
Almond paste	pound	192,590	99,499

COMPARISON OF PRINCIPAL STATISTICS, 1925 AND 1926.

A summary of the principal statistics of the industries included in the four sections of the report is given comparatively for the calendar years 1925 and 1926 in table 1. It will be noted that increases appear in the totals of each of the principal items of the table except in the number of male employees, on salaries and wages and value of products, whilst in the averages increases appear in the payment of salaried employees and wage earners and in the averages of gross and net value of production. For purposes of comparison with 1925 the number of wage earners in table 1 has been computed on the same basis viz: dividing the total employment by months by 12.

Table 1. Principal Statistics of the Four Sections of the Industry Compared for 1925 and 1926.

Principal Statistics		1925	1926	Increase(+) / Decrease(-)
Establishments reporting	No.	302	272	- 30
Capital invested -				
Fixed	\$	16,665,373	16,777,172	+ 111,799
Working	\$	13,997,335	17,176,341	+ 3,179,006
Average capital per establishment	\$	101,532	124,829	+ 23,297
Salaried employees -				
Males	No.	469	458	- 11
Females	No.	134	175	+ 41
Total salaries paid	\$	935,640	988,810	+ 53,170
Average salary per employee	\$	1,551.64	1,562.10	+ 11.54
Wage earners, average number -				
Males	No.	2,543	2,371	- 172
Females	No.	2,487	2,539	+ 52
Total wages paid	\$	3,012,372	2,983,041	- 29,331
Average wage per employee	\$	598.88	607.54	+ 8.66
Outside piece-workers -				
Males	No.	49	-	- 49
Females	No.	544	39	- 505
Total payments	\$	20,818	3,392	- 17,426
Average payment per worker	\$	35.10	86.98	+ 51.88
Cost of fuel used	\$	410,951	381,995	- 28,956
Power installed -				
Units	No.	1,102	1,210	+ 108
Capacity	H.P.	13,345	13,990	+ 645
Total cost of materials used -	\$	17,049,746	17,214,877	+ 165,131
Average cost per factory	\$	56,456	63,290	+ 6,834
Total value of products made -	\$	30,339,117	30,234,632	- 104,485
Average production value per factory	\$	100,460	111,157	+ 10,697
Total net value of production -	\$	13,289,371	13,019,755	- 269,616
Average net value per factory	\$	44,004	47,867	+ 3,863

SECTION I. FRUITS AND VEGETABLES CANNED.

The number of plants engaged in the canning of fruits and vegetables during 1926 was 136 being a decrease compared with 1925 of 6 individual plants. Of the total 93 were located in the province of Ontario, 18 in Quebec, 16 in British Columbia, 5 in New Brunswick, 3 in Nova Scotia and 1 in Manitoba. The statistics of this single concern are combined with those of British Columbia to avoid divulging statistics of individual concerns.

PRODUCTION

The quantity and selling value at the factory of the various products of the canning industry are presented in table 2 for Canada and the provinces. The total value of all products in 1926 was \$16,233,960, an increase over the preceding year of \$289,472. The province of Ontario leads in value of production with \$11,302,579 or nearly 74 per cent of the total for the Dominion, British Columbia is second with \$3,356,220 or 21 per cent and Quebec third with \$1,371,962 or nearly 8.6 per cent. Tomatoes, corn, peas and beans baked are the largest individual items in the canned vegetable group, aggregating in value \$10,809,818 in a total of \$11,484,491. In canned fruit production pears, apples, peaches and raspberries made up \$1,879,351 in a total of \$3,056,315. Preserved fruit in this section totalled \$1,049,149 and other miscellaneous products \$644,005. The greatest diversity in canned products is to be found in Ontario and British Columbia where with favoured climatic conditions the growing of fruits and vegetables is carried on in greatest variety and abundant yield.

Table 2. Fruit and Vegetable Canning by Provinces, 1926.

	Unit	Canada		Maritime Provinces	
		Quantity	Selling Value \$	Quantity	Selling Value \$
Canned Fruits -					
Apples	Cases	142,305	311,074	32,290	51,771
Cherries	"	70,361	311,150	-	-
Peaches	"	107,108	441,236	-	-
Pears	"	176,332	665,109	-	-
Plums	"	133,057	335,800	-	-
Raspberries	"	78,163	461,932	-	-
Strawberries	"	27,062	155,044	340	2,125
Other small fruits	"	54,839	189,538	8,101	24,894
All other fruits	"	47,344	185,432	-	-
Canned Vegetables -					
Beans, green or wax	"	132,119	431,070	2,010	6,286
Beans, baked	"	500,266	1,229,724	1,084	2,894
Corn	"	930,549	2,297,565	-	-
Peas	"	1,291,215	3,451,355	-	-
Tomatoes	"	1,587,028	3,805,145	-	-
All other vegetables	"	83,829	269,632	-	-
Preserved Fruits -					
Jams	Lb.	6,803,440	781,225	-	-
Jellies	"	334,552	35,576	-	-
Marmalades	"	1,080,036	103,753	-	-
Preserved or crushed fruits	Gallon	50,000	100,000		
Syrups & all other fruits	"	-	28,595		
Miscellaneous products -					
Catsup and relishes	"	151,298	190,091	-	-
Canned soups	Cases	96,704	361,808	-	-
Canned chicken	"	3,997	43,080	-	-
Evaporated apples	Lb.	87,400	8,740	87,400	8,740
Apple chop and waste	"	211,020	3,530	188,400	3,304
Mince-meat	"	32,000	2,850	-	-
Sauerkraut	"	84,668	2,833	-	-
Vinegar	Gallon	91,250	13,250	91,250	13,250
Cider	"	195,000	15,600	195,000	15,600
All other products	"		2,223	-	-
Total	-	-	16,233,960	-	128,864

Table 2 Fruit and Vegetable Canning by Provinces, 1926 (Cont'd)

		Quebec		Ontario		British Columbia and Manitoba	
		Quantity	Selling Value	Quantity	Selling Value	Quantity	Selling Value
Canned Fruits -							
Apples	Cases	-	-	78,319	176,231	31,696	83,072
Cherries	"	-	-	41,955	183,705	28,406	127,445
Peaches	"	310	740	76,533	305,972	30,265	134,524
Pears	"	100	420	154,169	572,790	22,063	91,899
Plums	"	880	1,720	108,007	254,266	24,170	79,814
Raspberries	"	-	-	46,242	261,993	31,921	199,939
Strawberries	"	-	-	17,782	103,226	8,940	49,693
Other small fruits	"	23,905	68,850	654	3,857	22,179	91,937
All other fruits	"	-	-	19,417	69,675	27,927	115,757
Canned Vegetables -							
Beans, green or wax	"	11,150	37,455	47,721	163,817	71,238	223,512
Beans, baked	"	409,691	933,700	69,767	226,398	19,724	66,732
Corn	"	30,280	81,450	897,809	2,209,001	2,460	7,114
Peas	"	40,000	116,000	1,138,384	3,001,220	112,831	334,135
Tomatoes	"	53,675	130,627	1,132,009	2,742,498	401,344	932,020
All other vegetables	"	-	-	56,266	191,985	27,561	77,647
Preserved Fruits -							
Jams	Lb.	-	-	2,056,682	237,089	4,746,758	544,136
Jellies	"	-	-	-	-	334,552	35,576
Marmalades	"	-	-	100,000	11,450	980,036	92,303
Syrups and all other fruits	"	-	-	-	17,266	-	11,329
Preserved or crushed fruits	"	-	-	-	-	50,000	100,000
Miscellaneous products -							
Catsup and relishes	Gal.	-	-	108,400	165,508	42,898	24,583
Canned soups	Cases	250	1,000	93,712	356,046	2,742	4,762
Canned chicken	"	-	-	3,997	43,080	-	-
Evaporated apples	Lb.	-	-	-	-	-	-
Apples, chop & waste	"	-	-	-	-	22,620	226
Mincemeat	"	-	-	2,000	450	30,000	2,400
Sauerkraut	"	-	-	84,668	2,833	-	-
Vinegar	Gal.	-	-	-	-	-	-
Cider	"	-	-	-	-	-	-
All other products	"	-	-	-	2,223	-	-
Total	-	-	1,371,962	-	11,302,579	-	3,430,555

CAPITAL INVESTED

The amount of capital invested in the fruit and vegetable canning section in the calendar year 1926 is shown by classes and provinces in table 3. The total capital investment in the Dominion in 1926 was \$21,755,537 made up of fixed capital (land buildings, machinery and tools) totalling \$11,149,095 and working capital (materials and stocks on hand, cash, trading and operating accounts, etc.) which totalled \$10,606,442. The province of Ontario leads in capital invested with \$17,798,085 in a total investment for the Dominion of \$21,755,537 equivalent to nearly 82 per cent. British Columbia is next with nearly 14 per cent and Quebec third with less than 4 per cent. Fixed capital represented 51.25 per cent and working capital 48.75 per cent of the total investment. Compared with 1925 there was an increase in capital investment of \$3,190,220 or 17.2 per cent.

Table 3. Capital invested by Classes & Provinces, 1926.

Provinces	Fixed Capital		Working Capital	Total Capital
	Land buildings machinery and tools	Material & stocks on hand, etc.	Cash, trading operating accounts, etc.	
	\$	\$	\$	\$
Canada	11,149,095	9,654,647	951,795	21,755,537
New Brunswick	8,487	1,472	-	9,959
Nova Scotia	142,000	38,442	45,775	226,217
Quebec	380,978	236,323	86,984	704,285
Ontario	9,338,393	8,097,840	361,852	17,798,085
British Columbia and Manitoba	1,279,237	1,280,570	457,184	3,016,991

EMPLOYMENT STATISTICS

Statistics of employment during 1926 are presented in a series of tables as outlined below:-

- Table 4. Employees classified by number, sex and remuneration
 Table 5. Wage-earners employed by number, months and sex
 Table 6. Working time of plants and employees.

Employees, salaries and wages.- The number of persons employed on salaries and on wages are shown by sex and remuneration during 1926 for the provinces and the Dominion in table 4. The number of employees on wages in this seasonal industry is obtained by the addition of the averages of monthly employment in each plant. The total number so obtained was for the Dominion, 1,950 males and 3,226 females, instead of 1,476 males and 1,687 females found by dividing the aggregate monthly employment by 12. The total number at employment during the year was 5,176 and the total payment for salaries, wages, etc. was \$2,111,724.

Table 4. Employees, Salaries and Wages, 1926.

Classes of Employees		Canada	Nova Scotia	New Brunswick	Quebec	Ontario	British Columbia and Manitoba
Employees on salaries -							
Males	No.	214	3	3	23	137	48
Females	No.	80	-	-	-	52	28
Total salaries	\$	415,878	4,500	210	23,209	271,786	116,173
Wage-earners -							
Male, average	No.	1,736	34	21	206	1,219	256
Female, average	No.	3,116	60	29	304	1,830	893
Total wages	\$	1,695,230	26,153	2,653	86,981	1,113,181	466,262
Outside piece-workers -							
Male	No.	-	-	-	-	-	-
Female	No.	30	-	-	30	-	-
Amount paid	\$	616	-	-	616	-	-
Totals							
Male employees	No.	1,950	37	24	229	1,356	304
Female "	No.	3,226	60	29	334	1,882	921
Salaries, wages, etc.	\$	2,111,724	30,653	2,863	110,806	1,384,967	582,435

Wage-earners employed by months.- The numbers of wage earning employees are shown in table 5 by sex and by provinces for each month of the year. In this section of the industry the months of highest employment were from July to November, whilst those of lowest employment were December to June, indicating the seasonal nature of the industry which attains its height in September. The average of plants for the whole year was 1736 males and 3116 females, whilst the average for the months of highest employment was 2552 males and 3451 females. During the rest of the year employment is engaged in packing, shipping, etc.

Table 5. Employment by Months, 1926.

Months	Canada		Nova Scotia		New Brunswick		Quebec		Ontario		British Columbia and Manitoba	
	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females	Males	Females
January	512	165	42	34	-	-	39	11	390	103	41	17
February	527	182	39	36	-	-	57	17	378	99	53	30
March	540	165	32	24	-	-	57	18	387	105	64	18
April	652	207	32	27	-	-	54	17	479	133	87	30
May	817	346	7	-	-	-	57	17	644	287	109	42
June	1,065	1,219	9	-	-	-	64	18	774	390	218	811
July	2,625	2,866	14	20	-	-	110	104	2,082	1,402	419	1,340
August	2,538	3,786	17	32	21	29	214	348	1,719	1,554	567	1,823
September	3,385	5,172	24	22	17	26	256	298	2,502	3,521	586	1,305
October	2,802	3,734	47	50	-	-	184	212	2,327	2,870	244	602
November	1,411	1,699	50	52	-	-	85	56	1,151	1,470	125	121
December	832	703	19	5	-	-	57	17	670	650	86	31
Total monthly employment	17,706	20,244	332	302	38	55	1,234	1,133	13,503	12,584	2,599	6,170
Average of monthly employment of plants	1,736	3,116	34	60	21	29	206	304	1,219	1,830	256	893

Working time of plants and employees.- The operating time of plants engaged in the fruit and vegetable canning section and the hours of labour worked by employees are shown in table 6 by totals and averages per plant. Compared with 1925 the average of full time operations increased by 9.24 days, part-time operations by .75 days per plant or a total of 9.99 days idle less than the preceding year. Hours of labour on the other hand show slight decreases over 1925 being .07 in the average daily working hours and of .66 in the hours worked per week.

Table 6. Working time of plants and employees in the Fruit & Vegetable Canning Industry, 1926

Number of plants reporting	136	
	Totals	Averages per plant
Operating time of plants -		
Days worked on full time	13,787	101.37
Days worked on part time	8,915	65.55
Days idle	18,642	137.08
Hours of labour per employee -		
Per day or shift	106,344	9.65
Per week	7,755	57.02

FUEL CONSUMPTION

The quantity and cost value delivered at the factory of the classes of fuel used in the canning industry during 1926 is shown in Table 7. Compared with the preceding year the total cost of fuel rose from \$181,176 in 1925 to \$185,603 in 1926, an increase of \$4,427 or 2.4 per cent. Bituminous coal was the principal fuel used and represented 80 per cent of the total cost of all fuels. Wood was the next principal fuel on cost basis followed in order by anthracite coal and fuel oils.

Table 7. Fuel Consumption in the Fruit and Vegetable Canning Section, 1926.

Classes of fuel	Unit of measure	Quantity	Cost value delivered at factory or works
			\$
Bituminous Coal	ton	24,480	148,964
Anthracite	ton	615	6,141
Coke	ton	47	667
Gasoline	gal.	3,167	995
Oil (fuel)	"	117,800	5,899
Wood	cord	1,723	8,927
Gas, artificial and natural	M.C.ft.	958	564
All other fuel, not specified	-	-	13,446
Total cost of fuel	-	-	185,603

POWER INSTALLATION

The power installed in the canning section of the industry in 1926 is shown by classes and by horse power according to manufacturer's rating. Primary power installed rose from 6,171 h.p. in 1925 to 6,269 h.p. in 1926. Electric motors operated by purchased power increased from 2,703 h.p. in 1925 to 3,090 h.p. in 1926, whilst the cost of electricity purchased during the year totalled \$32,400.

Table 8. Power Installation in the Fruit and Vegetable Canning Section, 1926.

Classes of power	Number of Units	Horse power according to manufacturer's rating
Steam engines and turbines	150	5,512
Oil, gas and gasoline engines	41	757
Total primary power	191	6,269 1/
Electric motors operated by purchased power	357	3,090 1/
Electric motors operated by owned power	50	385
Total electric motors	407	3,475
Total power used in manufacturing 1/	548	9,359
Boiler installation	176	15,530

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MATERIALS USED

The quantity and cost value at the factory or works of the materials used during the year including containers are shown in table 9. The total cost of materials rose from \$9,297,590 in 1925 to \$9,383,098 or an increase of less than one per cent. Of the total cost of materials in 1926 the item of containers represented almost 50 per cent.

Table 9. Materials Used in the Fruit and Vegetable Canning Section, 1926.

	Units of measure	Quantity	Cost value at the factory or works
			\$
Fruits for canning, preserving, etc.	pounds	35,419,704	1,219,938
Vegetables for canning, etc.	"	122,958,514	2,546,678
Sugar	"	10,013,792	584,868
Salt	"	1,197,829	15,036
Pectin	"	313,212	36,838
Glucose	"	49,987	2,357
Spices all kinds	"	33,594	6,463
Vinegar	gallon	6,345	1,985
Containers, labels, etc.	-	-	4,657,978
All other materials not specified	-	-	310,957
Total cost of materials	-	-	9,383,098

IMPORTS AND EXPORTS

The imports and exports of canned fruits and vegetables for the calendar year 1926 are shown by quantity and value as well as by principal countries in table 10. The total value of imports increased from \$2,581,044 in 1925 to \$3,180,323 in 1926, whilst exports decreased from \$1,653,413 in 1925 to \$1,158,108. Of the imports 65 per cent of canned fruits and 56 per cent of canned vegetables came from the United States. On the other hand the United Kingdom took over 71 per cent of canned fruits and 84 per cent of canned vegetables exported during the calendar year 1926. The United States took approximately 18 per cent of canned fruits while the exports of canned vegetables dropped from \$126,698 in 1925 to less than \$1,000 in 1926.

Table 10. Imports and Exports of Canned Fruits and Vegetables by Countries, 1926

Articles	Imports		Exports	
	Quantity	Value	Quantity	Value
		\$		\$
Peaches in cans or other air tight packages	lb.	4,860,399	413,994	-
United States	"	4,378,939	374,864	-
Other countries	"	481,460	39,130	-
Pineapples in cans or other air tight packages	"	13,666,262	905,993	-
United Kingdom	"	109,800	5,712	-
United States	"	4,221,205	372,794	-
British South Africa	"	233,275	15,227	-
Straits Settlements	"	7,684,040	381,162	-
Hawaii	"	1,327,087	124,021	-
Other countries	"	90,855	7,077	-
Fruits in cans or other air tight packages, n.o.p.	"	5,460,351	611,017	6,516,891
United Kingdom	"	112,060	8,459	4,826,136
United States	"	4,175,725	482,719	1,169,448
Australia	"	109,399	9,286	480
Bermuda	"	-	-	55
British Guiana	"	-	-	15,154
British Honduras	"	-	-	2,040
France	"	71,069	11,368	10,871
Hong Kong	"	40,551	7,525	1,876
Netherlands	"	600,008	68,536	18,376
Newfoundland	"	-	-	2,148
New Zealand	"	-	-	-
Spain	"	305,056	15,038	-
Other countries	"	46,483	8,086	-
Pears in cans or other air tight packages	"	730,091	75,917	-
United States	"	713,369	74,221	-
Other countries	"	16,722	1,696	-
Total canned fruits	"	24,717,103	2,006,921	6,516,891
				533,406

Table 10. Imports and Exports of Canned Fruits and Vegetables by Countries, 1926-(Con.)

Articles		Imports		Exports	
		Quantity	Value \$	Quantity	Value \$
Beans, baked in cans, etc.	lb.	2,064,985	125,923	5,211,302	371,639
United Kingdom	"	-	-	5,000,658	360,606
United States	"	2,064,831	125,913	340	54
Newfoundland	"	-	-	188,801	9,273
Other countries	"	154	10	21,503	1,706
Corn in cans, etc.	"	1,477,019	100,303	-	-
United States	"	1,476,989	100,294	-	-
Other countries	"	30	9	-	-
Peas in cans, etc.	"	3,098,110	226,497	-	-
United States	"	1,053,900	81,834	-	-
Belgium	"	1,882,314	130,156	-	-
France	"	148,654	13,453	-	-
Netherlands	"	3,140	343	-	-
Other countries	"	10,102	711	-	-
Tomatoes in cans, etc.	"	1,036,163	77,695	225,172	13,244
United Kingdom	"	-	-	69,550	3,510
United States	"	231,311	15,371	480	30
British South Africa	"	-	-	10,080	606
Cuba	"	-	-	27,225	1,165
Italy	"	789,300	60,997	-	-
Newfoundland	"	-	-	71,460	4,764
New Zealand	"	-	-	27,415	1,498
Other countries	"	15,552	1,327	18,962	1,671
Vegetables n.o.p. in cans, etc.	"	4,879,259	517,540	3,157,365	239,819
United Kingdom	"	2,385	374	2,210,448	164,003
United States	"	2,564,263	215,173	9,216	841
Australia	"	-	-	79,563	6,934
Belgium	"	260,682	18,057	-	-
Bermuda	"	-	-	56,692	5,975
British South Africa	"	-	-	176,883	15,074
China	"	101,139	9,823	-	-
Cuba	"	-	-	52,200	2,040
Fiji	"	-	-	7,518	703
France	"	579,384	94,951	-	-
Hong Kong	"	286,554	32,666	-	-
Italy	"	173,570	18,524	-	-
Japan	"	184,675	49,432	194	17
Netherlands	"	366,648	42,994	-	-
Newfoundland	"	-	-	106,600	7,772
New Zealand	"	-	-	380,234	30,043
Spain	"	285,390	27,766	-	-
Other countries	"	74,569	7,780	77,817	6,417
Asparagus in cans, etc.	"	844,681	125,444	-	-
United States	"	844,025	125,365	-	-
Other countries	"	656	79	-	-
Total canned vegetables	"	13,400,217	1,173,402	8,593,839	624,702
Grand Total		38,117,320	3,180,323	15,110,730	1,158,103

SECTION 11. FRUITS AND VEGETABLES, EVAPORATED

This section of the industry deals with the evaporation and dehydration of fruits and vegetables in Canada and the provinces, the principal statistics of which are compared in the subjoined table for the calendar years 1923, 1924, 1925 and 1926.

Principal Statistics of Evaporating Plants, 1923-1926.

Principal Statistics		1923	1924	1925	1926
Establishments reporting	No.	30	45	57	34
Capital invested	\$	204,779	352,691	494,622	485,917
Employees on salaries - male	No.	7	6	8	14
" " " - female	No.	2	2	1	1
Salaries	\$	4,082	7,387	8,836	6,966
Employees on wages, average for season -					
Males	No.	124	161	477	249
Females	No.	181	227	671	375
Wages paid	\$	47,793	67,957	152,890	79,748
Fuel used, cost value	\$	24,307	33,594	69,292	24,830
Power installed - Units	No.	26	43	51	43
Capacity	H.P.	315	237	281	310
Cost of materials	\$	68,072	145,118	272,198	115,218
Gross value of products	\$	186,500	319,633	606,469	270,389
Value added by manufacture	\$	118,428	174,515	334,271	155,171

PRODUCTION STATISTICS, 1926.

Statistics^{of} production in the 34 plants reporting in 1926 of which 28 were in Ontario, 5 in Nova Scotia and 1 in British Columbia are presented in table 1, by provinces. The total value of products fell from \$606,469 in 1925 to \$270,389 in 1926 or a decrease in production of \$336,080 or over 124 per cent. Ontario produced 40.3 per cent of the total value of output. Nova Scotia 38 per cent and British Columbia 21.7 per cent. In addition to the production of dried and evaporated apples reported by evaporating plants there was a further production in canning plants of \$8,740 and in vinegar, pickle, etc. plants of \$45,596 making a total output for dried and evaporated apples of 3,332,521 lbs. at a valuation of \$310,431. (See table p.2).

Table 1. Production by Provinces, 1926.

Classes of Products		Canada		Nova Scotia		Ontario & B.C.	
		Quantity	Selling Value	Quantity	Selling Value	Quantity	Selling Value
Evaporated apples	Lb.	2,763,966	\$ 256,095	1,130,687	\$ 99,185	1,633,279	\$ 156,910
Apple chop and waste	"	541,603	12,494	85,693	1,757	455,910	10,737
Ciderr	gal.	12,000	1,800	12,000	1,800	-	-
Total selling value		-	270,389	-	102,742	-	167,647

CAPITAL INVESTMENT

The amount of capital invested in the evaporating section of the industry in 1926 is shown by provinces in table 2. Fixed capital in the 34 plants reporting which includes land, buildings, machinery and tools decreased from \$395,047 in 1925 to \$363,099 in 1926, or a decrease of nearly 8.1 per cent. Working capital which includes materials on hand, stocks in process of manufacture, finished products, cash trading and operating accounts, etc. increased from \$99,575 to \$122,818 or about 23.3 per cent. The province of Ontario provided 53.9 per cent of the total investment, Nova Scotia 17.1 per cent and British Columbia 29 per cent.

Table 2. Capital Investment by provinces, 1926.

Provinces	Fixed Capital	Working Capital		Total Capital
	Land, buildings machinery and tools	Materials on hand, stocks in process, etc.	Cash trading and operating accounts, etc.	
Canada	\$ 363,099	\$ 61,325	\$ 61,493	\$ 485,917
Nova Scotia	68,520	13,558	841	82,919
Ontario	217,661	30,321	13,942	261,924
British Columbia	76,918	17,446	46,710	141,074

EMPLOYMENT STATISTICS

Statistics of employment in the evaporated fruit and vegetable section for the calendar year 1926 are shown by provinces in the following series of tables:-

- Table 3. Employees by number, sex and remuneration.
- Table 4. Employment by months according to sex.
- Table 5. Working time of plants and employees.

Table 3. The number of persons employed during 1926 is shown in the table by sex and the payment of salaries and wages. The number of salaried persons increased by six over 1925 but the payment for salaries decreased by \$1,870. In the wage-earning class of employees the number engaged in 1926 decreased from that of the preceding year by 524 and the amount paid for wages by \$73,142. Males employed on wages totalled 249 in 1926 a decrease of 228 from 1925 whilst female employment fell from 671 in 1925 to 375 in 1926 or a decrease of 296 in number.

Table 3. Employees by number, sex and remuneration, 1926.

Classes of Employees	Number of Employees		Salaries and Wages \$
	Males	Females	
Salaried employees	14	1	6,966
Wage-earning employees	249	375	79,748
Totals	263	376	86,714

In table 4 the statistics of employment by months are given which indicate the seasonal character of the industry. The month of highest employment was that of November when a total of 631 individuals were entered on the pay roll. During the first eight months of the year employment is furnished to packers, shippers, etc., whilst manufacturing operations occupy the other four. The average number of employees in all plants operating during the year was 249 males and 375 females or a total employment of 624.

Table 4. Employment by Months, 1926.

Months	Male	Female	Months	Male	Female
January	26	22	July	-	-
February	42	57	August	15	-
March	41	44	September	75	79
April	42	46	October	245	308
May	12	5	November	262	369
June	-	-	December	113	130
			Totals	873	1,060
Average employment of operating plants				249	375

Operating time.- The number of days on which plants were in operation during 1926 together with the number of hours normally worked by wage-earners is shown in table 5. Again the seasonal character of the industry is indicated by the operating time which averaged 47.24 days on full and part time whilst the average time of idleness in plants was 256.76 days. Compared with 1925, operating time in plants decreased by an average of over 21.73 days for each plant, whilst the working time of employees show little variation.

Table 5. Operating time of plants and employees, 1926.

Number of Establishments in operation	34	
	Totals	Averages per plant
Days in operation on full time	1,520	44.71
Days in operation on part time	86	2.53
Days idle	8,730	256.76
Hours worked by wage-earners per day or shift	6,952	9.60
Hours worked by wage-earners per week	1,952	57.41

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Table with 4 columns: Name, Address, City, State. The table contains several rows of data, including names like "J. H. Dole" and "J. H. Dole, Jr.".

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FUEL CONSUMPTION

The quantity and cost value delivered at the works of the fuel consumed by the industry during the calendar year 1926 is presented in table 6. The total cost of fuel decreased from \$69,292 in 1925 to \$24,830 in 1926. Coke again was the principal fuel used and represented 64.2 per cent of the total cost.

Table 6. Fuel Consumed by classes, 1926

Kind of fuel		Quantity	Cost value delivered at works \$
Bituminous Coal	ton	199	1,833
Anthracite "	"	236	3,550
Lignite "	"	83	1,162
Coke	"	1,542	15,932
Gasoline	gal.	1,408	493
Oil (fuel)	"	-	-
Wood	cords	140	670
Gas, artificial and natural	M.C.ft.	309	196
All other fuel, unspecified	-	-	994
Total cost of fuel	-	-	24,830

POWER INSTALLATION

Power installed in the evaporating section of the industry during the calendar year 1926 is shown in table 7 by (a) classes of power (b) number of units in each class and (c) the horse power capacity according to manufacturer's rating. The increase in horse power installed over the previous year was 29 of which 50 was accounted for by the increase in steam engines and 7 by electric motors, while internal combustion engines and hydraulic turbines decreased by 23 h.p. The cost of electricity purchased in 1926 was \$1436.

Table 7. Power Installation, 1926.

Classes of power	Number of Units	Horse power capacity
Steam engines and turbines	2	68
Oil, gas and gasoline engines	15	92
Hydraulic turbines or water wheels	1	15
Total primary power	18	175
Electric motors operated by purchased power	25	135
Total power installation for manufacturing purposes	43	310

MATERIALS USED

The quantity and cost value of the principal materials used in this section of the industry is given by provinces in table 8. The quantity of apples used in 1926 was 29,335,896 pounds less than in 1925, while the cost value was \$135,592 less. The cost of containers likewise decreased from \$37,886 in 1925 to \$17,995 in 1926. Other unspecified materials also decreased during the period by \$1,497.

Table 8. Materials used by provinces, 1926

Principal materials	Canada		Ontario		Other Provinces ^{1/}	
	Quantity	Cost Value	Quantity	Cost Value	Quantity	Cost Value
Apples	Pounds 24,308,029	\$ 91,874	Pounds 9,703,168	\$ 39,038	Pounds 14,604,861	\$ 52,836
Containers, labels, etc.	-	17,995	-	6,887	-	11,108
All other materials	-	5,349	-	422	-	4,927
Total cost	-	115,218	-	46,347	-	68,871

^{1/} Nova Scotia and British Columbia.

IMPORTS AND EXPORTS

Table 9 gives the quantity and value of dried and evaporated fruits and vegetables imported and exported during the calendar year 1926 by principal countries. Whilst the value of imports increased by \$47,374 the value of exports had decreased from \$402,130 in 1925 to \$270,091 in 1926 or nearly 33 per cent. More than 95 per cent of the value of imports came from the United States, while exports of Canadian produce had a total value of \$2,394. Imports from the United Kingdom totalled \$2,272 and exports \$58,078.

Table 9. Imports and Exports of Dried and Evaporated fruit and vegetables by Countries, 1926.

		Imports		Exports	
			\$		\$
Apples, dried	Lb.	1,510,353	40,825	2,767,336	267,579
United Kingdom	"	-	-	599,570	58,078
United States	"	1,510,353	40,825	43	3
Germany	"	-	-	1,056,565	99,439
Netherlands	"	-	-	930,623	91,136
Newfoundland	"	-	-	88,385	8,647
Other Countries	"	-	-	92,150	10,276
Apricots, dried	"	786,776	154,229	-	-
United Kingdom	"	5,000	1,425	-	-
United States	"	780,577	152,639	-	-
Other Countries	"	1,199	165	-	-
Peaches, dried	"	1,575,716	216,351	-	-
United States	"	1,575,716	216,351	-	-
All other dried fruits	"	675,593	118,039	10,761	2,482
United Kingdom	"	8,629	803	-	-
United States	"	553,316	96,765	9,900	2,361
Hong Kong	"	80,741	14,417	-	-
Japan	"	13,391	945	-	-
Other Countries	"	19,516	5,109	861	121
Potatoes dried, desiccated, etc.	"	-	11,484	-	-
United Kingdom	"	-	44	-	-
United States	"	-	11,363	-	-
Other Countries	"	-	77	-	-
Vegetables dried	"	-	-	100	30
United Kingdom	"	-	-	-	-
United States	"	-	-	100	30
Other Countries	"	-	-	-	-
Total		-	540,928	-	270,091

SECTION III. FRUITS PRESERVED, JAMS, JELLIES, ETC.

Establishments whose principal products are preserved fruits, jams, jellies, etc. are dealt with in this section. The number of such plants reporting operations during the calendar year 1926 was 45, an increase of 2 plants from the previous year. According to location 21 were situated in Ontario, 11 in British Columbia, 9 in Quebec, and 1 in each of the provinces of Saskatchewan, Alberta, Nova Scotia and New Brunswick.

PRODUCTION

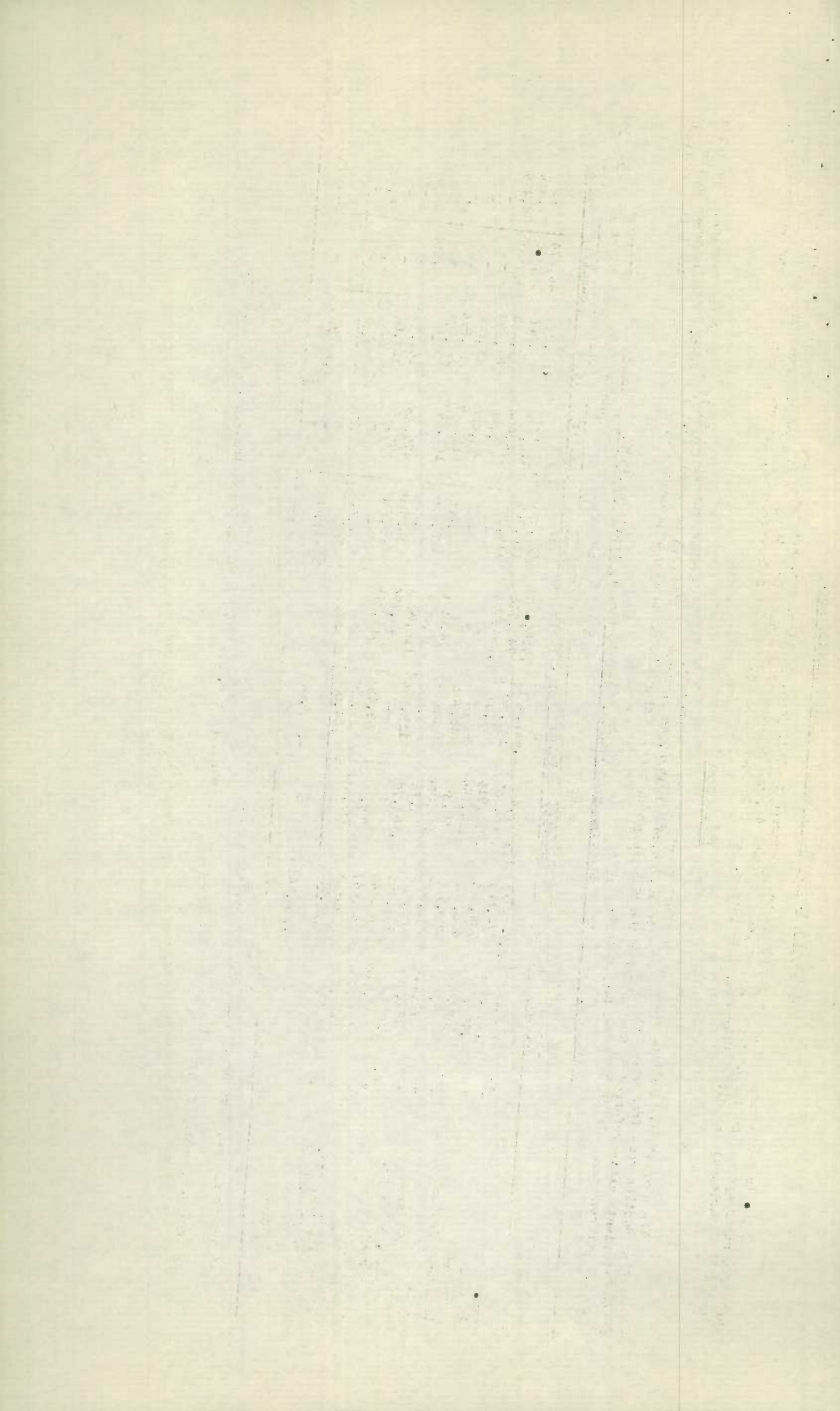
The quantity and selling value at the factory of the various products of the industry are shown in table 1 of the section. The total value of production rose from \$5,825,376 in 1925 to \$6,726,249 in 1926, an increase of \$900,873 or nearly 15.5 per cent. The increase in the number of plants above referred to accounts for the rise in production. Ontario's production represented over 60 per cent of the total, Quebec's was 21.1 per cent and British Columbia 10 per cent.

Table 1. Products of the Preserved Fruits, etc. Section by Provinces, 1926.

Products		Canada		Ontario		British Columbia		Quebec		Other Provinces 1/	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Jams	Lb.	30,603,105	3,909,293	19,817,460	2,417,451	5,918,628	797,251	4,822,343	689,233	44,674	5,358
Jellies	"	2,135,351	274,869	1,068,289	131,926	743,744	116,269	312,858	25,260	10,260	1,414
Marmalades	"	6,491,637	734,064	5,072,914	559,072	1,004,504	119,295	774,604	27,218	239,615	28,479
Preserved fruits&juices	gal.	138,504	408,586	104,744	326,296	-	-	33,760	82,290	-	-
Syrup	"	123,362	209,708	50,362	148,708	-	-	73,000	61,000	-	-
Catsup & relishes	"	276,443	231,907	161,086	118,613	4,000	2,600	111,357	110,694	-	-
Pickles, all kinds	"	191,567	186,125	3,725	5,500	35,000	50,000	152,842	130,625	-	-
Mince meat	Lb.	1,302,788	141,399	1,183,788	125,854	116,000	15,220	-	-	3,000	325
Glace fruits	"	520,114	161,240	-	-	40,794	14,850	479,320	146,390	-	-
Candied Peel	"	1,196,704	248,647	299,565	59,491	319,219	68,556	577,920	120,600	-	-
Powders, jelly, etc.	"	189,558	21,629	139,558	15,129	-	-	-	-	50,000	6,500
All other products 2/	-	-	198,782	-	144,008	-	26,968	-	27,806	-	-
Total Value		-	6,726,249	-	4,052,048	-	1,211,009	-	1,421,116	-	42,076

1/ New Brunswick, Nova Scotia, Alberta and Saskatchewan.

2/ Includes, Canned fruits and vegetables, Canned soups, Peanut butter, Prepared mustard, Salad dressing, Vinegar, etc.



The amount of capital employed in the preserved fruit section of the industry is shown by kinds in table 2. Owing to the increase in the number of operating plants there was a corresponding increase in the amount of invested capital, the total in 1925 being \$5,364,125 as compared with \$5,861,957 in 1926. Ontario provided 63.8 per cent, Quebec 22.5 per cent, British Columbia 13.2 per cent of the total investment.

Table 2. Capital invested in the Preserved Fruit Section, 1926

Provinces	Fixed Capital	Working Capital		Total Capital
	Land, buildings, etc. machinery & tools	Materials on hand, stocks in process, etc.	Cash, trading and operating accounts, etc.	
Canada	\$ 2,581,016	\$ 2,121,789	\$ 1,159,152	\$ 5,861,957
Ontario	1,722,971	1,243,296	775,037	3,741,304
British Columbia	232,506	345,784	198,057	776,347
Quebec	611,036	526,792	181,033	1,318,861
Other provinces 1/	14,503	5,917	5,025	25,445

1/ New Brunswick, Nova Scotia, Alberta and Saskatchewan

EMPLOYMENT STATISTICS

Statistics relating to the various phases of employment are presented in the following series of tables:-

Table 3. Employees by numbers, sex and remuneration, 1926

Table 4. Employment by months, 1926.

Table 5. Working time of plants and employees, 1926.

Employees by number, sex and remuneration during the calendar year 1926 are dealt with in table 3. The number of employees on wages is the sum of averages of individual plants for the months they were in operation plus the number of salaried employees as reported under that heading on the annual schedule. The total number employed in 1926, by reason of the increase in the number of operating plants, rose from 433 males and 598 females in 1925 to 515 males and 582 females in 1926. Salaries and wages on this account increased from \$757,379 in 1925 to \$881,667 in 1926, or nearly 16.4 per cent.

Table 3. Employees by Number, sex and remuneration by provinces, 1926.

Classes of Employment		Canada	Ontario	Quebec	British Columbia	Other 1/ Provinces
Employees on salaries -						
Male	No.	122	64	29	26	3
Female	No.	64	38	18	6	2
Total salaries	\$	319,125	209,637	57,931	47,742	3,815
Employees on wages -						
Male	No.	393	204	96	89	4
Female	No.	514	235	184	89	6
Total wages	\$	562,115	289,250	150,335	117,676	4,854
Outside piece workers -						
Male	No.	-	-	-	-	-
Female	No.	4	-	4	-	-
Total paid	\$	427	-	427	-	-
Total employees -						
Male	No.	515	268	125	115	7
Female	No.	582	273	206	95	8
Total salaries & wages, etc.	\$	881,667	498,887	208,693	165,418	8,669

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EMPLOYMENT STATISTICS - Cont'd

Employment by Months:- The number of persons employed in each month of the year is given in table 4. The month of highest employment was July with a total enrolment of 1,497, whilst that of lowest employment was January with an enrolment of 500. The average number employed per individual establishment exclusive of outside piece workers was 907. The average employment as stated in table 4, is not the average found by dividing by 12 but the sum of the individual averages per plant according to the months in operation.

Table 4. Employment by months, with averages per plant, 1926.

Months	Males	Females	Months	Males	Females
January	249	251	July	526	971
February	266	361	August	476	576
March	258	330	September	447	526
April	272	313	October	433	502
May	279	303	November	363	484
June	372	619	December	314	357
Total by Months				4,255	5,593
Average employment by individual plants				393	514

Working time of plants and employees.- The operating time in plants is shown according to (a) full time (b) part time and (c) days plants were idle in table 5. Compared with 1925 there was a decrease of 10.49 days in the average operating time of plants but an increase of .9 in the average hours worked per week. The daily hours of labour show little variation being less than one-fifth of an hour per day.

Table 5. Working time of plants and employees, 1926

Number of plants reporting	45	
	Totals	Averages
Days in operation -		
On full time	9,974	221.64
On part time	1,011	22.47
Days Idle	2,695	59.89
Hours worked by employees-		
Per day or shift	17,094	9.60
Per week	2,252	50.04

FUEL CONSUMPTION

The quantity and the cost value delivered at the works of the various classes of fuel used during 1926 is shown by classes in table 6. The total cost rose from \$58,715 in 1925 to \$68,262 in the year covered by this report, or a little more than 16.31 per cent. Coal was the principal fuel and represented 78 per cent of the total cost for the year.

Table 6. Fuel consumed by classes, 1926.

Classes of fuel	Unit of measure	Quantity	Cost value at the factory
Bituminous coal	ton	7,990	53,443
Anthracite "	ton	80	839
Coke	ton	213	871
Gasoline	gal.	6,034	1,651
Oil (fuel)	gal.	7,108	1,040
Wood	cord	1,152	5,657
Gas, artificial and natural	m.c.ft.	4,969	4,761
Total cost of fuel	-	-	68,262

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POWER INSTALLATION

Power installation in this section of the industry is presented in table 7 by (a) classes of power, (b) the number of units in each class and (c) the horse power according to manufacturer's rating. The cost of electricity purchased in 1926 was \$11,-958.

Table 7. Power installed by classes, 1926.

Classes of Power	Numbers of units	H.P. according to manufacturer's rating
Steam engines and turbines	17	729
Oil, gas and gasoline engines	2	22
Total primary power	19	751
Electric motors operated by purchased power	114	784
Electric motors operated by power owned	-	-
Total electric motors	114	784
Total power used for manufacturing purposes	133	1,535

MATERIALS USED

The quantity and cost value of the principal materials used in this section during 1926 are given in table 8. Sugar was the largest individual item of materials with a total of 26,390,123 pounds worth \$1,554,809, fruits being second with a total of 19,848,505 pounds worth \$1,410,413. The third largest item in point of cost was that of containers, etc. to the value of \$950,987. The total cost of all materials was \$4,538,300 which represented an increase when compared with 1925 of \$580,256.

Table 8. Materials used by quantity and cost value, 1926.

Kinds of materials	Unit of measure	Quantity	Cost Value \$
Fruits for preserving, etc.	pound	19,848,505	1,410,413
Vegetables for canning, etc.	"	6,194,731	73,139
Sugar	"	26,390,123	1,554,809
Salt	"	404,179	4,438
Pectin	"	1,240,663	133,764
Glucose	"	3,826,306	149,783
Spices, all kinds	"	27,532	6,725
Vinegar	gal.	104,116	28,593
Alcohol	prf."	238	1,282
Containers, labels, caps, etc. (value only)	"	-	950,987
All other materials (value only)	-	-	224,367
Total cost of materials	-	-	4,538,300

IMPORTS AND EXPORTS

Table 9 shows the imports for consumption of jams, jellies and preserved fruits for the calendar year 1926 by principal countries. The value of imports decreased from \$345,321 in 1925 to \$329,250 in 1926. Over 60 per cent of the total came from the United Kingdom, nearly 5 per cent from France, 4.3 per cent from the United States and 11.7 per cent from other countries. Exports of jams, jellies and preserves being the produce of Canada, amounted to \$13,447 in 1926.

Table 9. Imports, jams, jellies and preserved fruit,
1926

		Imports		Exports	
		Quantity	Value	Quantity	Value
Jams, jellies and preserves, n.o.p.	lb.	2,201,820	329,238	97,407	13,447
United Kingdom	"	1,543,153	197,748	180	33
United States	"	59,862	14,017	78,232	11,200
France	"	316,806	80,219	-	-
Newfoundland	"	-	-	13,681	1,567
Other countries	"	281,999	37,254	5,314	647
Fruits preserved in brandy	-	-	12	-	-
United States	-	-	12	-	-
Total	-	-	329,250	-	13,447

SECTION IV. VINEGAR, CIDER, PICKLES, SAUCES AND RELISHES

The number of establishments engaged in the manufacture of vinegar, cider, pickles, sauces and relishes during 1926 was 57 distributed by provinces as follows: Ontario 36, Quebec 6, British Columbia 6, Manitoba 5, Nova Scotia 1, Alberta 2 and one in each of the provinces of New Brunswick and Saskatchewan.

PRINCIPAL STATISTICS

A summary of the principal statistics of the industry in 1926 is presented in table 1 for the provinces and the Dominion. Under other provinces are included Nova Scotia, New Brunswick, Alberta and Saskatchewan to prevent disclosure of statistics of individual establishments.

Table 1. Principal Statistics by Provinces, 1926

		Canada	Ontario	Quebec	British Columbia	Manitoba	Other Provinces
Establishments	No.	57	36	6	6	5	4
Capital invested	\$	5,850,102	4,882,355	281,172	103,491	363,173	219,911
Employees on salaries -							
Male	No.	108	75	11	5	7	10
Female	No.	30	18	1	1	4	6
Total Salaries	\$	240,841	167,568	18,000	8,188	28,007	25,078
Employees on wages -							
Male	No.	499	400	27	13	20	39
Female	No.	343	243	2	8	54	36
Total Wages	\$	645,948	512,188	29,568	18,904	46,553	38,675
Power installed -							
Units	No.	436	405	5	10	12	4
Capacity	H.P.	2,401	2,185	18	33	99	66
Cost of fuel	\$	103,300	84,681	1,076	485	3,494	13,564
Cost of materials	\$	3,178,261	2,599,824	150,968	58,033	215,889	153,547
Gross value of products	\$	7,004,034	6,050,661	264,194	103,181	351,374	234,624
Net Value of products	\$	3,825,773	3,450,837	113,226	45,148	135,485	81,077

STATISTICS OF PRODUCTION

The quantity and the selling value at the factory of the various products of the industry will found in table 2, by provinces. The total value of products decreased from 1925 by \$958,870, the amount for 1925 being \$7,962,804. Ontario furnished 86.4 per cent of the total value of production, Manitoba 5 per cent, Quebec 3.8 per cent, British Columbia 1.4 per cent and "other provinces" 3.4 per cent. The leading item of production in 1926 was catsups, sauces and relishes with a selling value of \$1,010,228 followed in order by baked beans with a value of \$1,190,307, vinegar with \$1,104,519 and pickles with \$1,008,062.

Table 2. Production by Provinces, 1926.

Principal products	Units of measure.	Canada		Ontario		Quebec		Manitoba		British Columbia		Other Provinces	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Catsup, sauces and relishes	gallon	817,864	1,810,228	813,414	1,803,958	1,050	1,325	2,100	2,800	1,300	2,145	-	-
Baked beans	cases	351,201	1,190,307	351,201	1,190,307	-	-	-	-	-	-	-	-
Vinegar	gallon	3,918,898	1,184,519	2,069,264	664,472	846,288	239,939	543,842	148,406	24,279	8,538	435,525	123,164
Pickles all kinds	"	671,709	1,008,062	470,752	709,793	5,000	3,220	120,000	175,000	49,457	75,160	26,500	44,869
Prepared mustard	"	82,864	120,079	68,566	105,824	11,550	12,705	2,700	1,485	48	65	-	-
Fruit juices, etc. ²	gal.	496,543	465,770	485,190	460,094	-	-	-	-	-	-	11,353	5,676
Sauerkraut	"	1,127,407	37,992	1,010,407	34,242	-	-	96,000	2,800	21,000	950	-	-
Cider	gallon	313,839	73,459	225,400	46,750	-	-	24,300	4,860	9,500	6,550	54,639	15,299
Salad dressing	"	17,153	60,052	17,153	60,052	-	-	-	-	-	-	-	-
All other products 1/	-	-	1,053,566	-	975,169	-	7,005	-	16,023	-	9,773	-	45,596
TOTAL	-	-	7,004,034	-	6,050,661	-	264,194	-	351,374	-	103,181	-	234,624

1/ Includes canned soups, canned macaroni, mincemeat, jams, etc., evaporated apples, apple butter, peanut butter and other miscellaneous products

2/ Includes fruit pectin.

CAPITAL INVESTMENT

The amount of capital invested in the vinegar and pickle section is shown under two heads for the Dominion and the provinces in table 3. Fixed capital including land, buildings, machinery and tools amounted to \$2,683,962, whilst working capital including materials and stocks on hand, fuel and finished products on hand, and cash trading and operating accounts amounted to \$3,166,140 making a total investment of \$5,850,102. The province of Ontario alone furnished 83.5 per cent of the total investment during 1926.

Table 3. Capital Invested by Provinces, 1926.

Provinces	Fixed Capital		Working Capital		Total Capital
	Land, buildings, etc.	Materials on hand, etc.	Cash trading accounts, etc.		
	\$	\$	\$		\$
Canada	2,683,962	2,552,030	614,110		5,850,102
Ontario	2,145,204	2,245,322	491,829		4,882,355
Quebec	189,479	35,484	56,209		281,172
Manitoba	208,327	125,821	29,025		363,173
British Columbia	48,377	43,119	11,995		103,491
Other Provinces	92,575	102,284	25,052		219,911

EMPLOYMENT STATISTICS

Statistics of employment in this section of the industry are shown in the following series of tables:-

Table 4. Employees by numbers, sex and remuneration.

Table 5. Employment by months according to sex.

Table 6. Working time of plants and employees.

Employees by numbers, sex and remuneration.- Table 4 shows by classes of employees, the number, sex and the amounts paid in salaries and wages for the calendar year 1926 by provinces. The number of wage-earners is the sum of the averages of individual plants according to months in operation. Compared with 1925 the number of male employees decreased by 167, females by 53 and the amount paid for salaries and wages, etc., by \$110,341. Nearly 75 per cent of the number employed and of the payments for salaries and wages is accounted for by the province of Ontario with Manitoba in second place with 8.6 per cent.

Table 4. Employees by number, sex and remuneration by provinces, 1926

Classes of employees		Canada	Ontario	Quebec	Manitoba	British Columbia	Other Provinces
Salaried employees -							
Males	No.	108	75	11	7	5	10
Females	No.	30	18	1	4	1	6
Total Salaries	\$	246,841	167,568	18,000	28,007	8,188	25,078
Wage-earners -							
Male	No.	499	400	27	20	13	39
Female	No.	343	243	2	54	8	36
Total wages	\$	645,948	512,188	29,568	46,553	18,964	38,675
Outside piece workers -							
Female	No.	5	-	-	-	-	5
Amount paid	\$	2,349	-	-	-	-	2,349
Total employees-							
Male	No.	607	475	38	27	18	49
Female	No.	378	261	3	58	9	47
Total salaries, wages, etc.	\$	895,138	679,756	47,568	74,560	27,152	66,102

The following table shows the results of the experiments conducted on the 1st, 2nd, and 3rd of June, 1881, at the Agricultural Station, Cambridge, Mass. The experiments were conducted by Mr. J. H. Comstock, and the results are given in the following table. The first column shows the date of the experiment, the second column shows the name of the variety, the third column shows the number of plants, the fourth column shows the number of ears, the fifth column shows the number of ears per plant, the sixth column shows the number of ears per acre, and the seventh column shows the number of ears per bushel.

Table 1. Results of experiments conducted on the 1st, 2nd, and 3rd of June, 1881, at the Agricultural Station, Cambridge, Mass.

Date	Variety	No. of plants	No. of ears	No. of ears per plant	No. of ears per acre	No. of ears per bushel
June 1st	Early	10	10	1.0	10.0	1.0
June 2nd	Early	10	10	1.0	10.0	1.0
June 3rd	Early	10	10	1.0	10.0	1.0
June 1st	Medium	10	10	1.0	10.0	1.0
June 2nd	Medium	10	10	1.0	10.0	1.0
June 3rd	Medium	10	10	1.0	10.0	1.0
June 1st	Late	10	10	1.0	10.0	1.0
June 2nd	Late	10	10	1.0	10.0	1.0
June 3rd	Late	10	10	1.0	10.0	1.0

RESULTS OF EXPERIMENTS

The following table shows the results of the experiments conducted on the 1st, 2nd, and 3rd of June, 1881, at the Agricultural Station, Cambridge, Mass. The experiments were conducted by Mr. J. H. Comstock, and the results are given in the following table. The first column shows the date of the experiment, the second column shows the name of the variety, the third column shows the number of plants, the fourth column shows the number of ears, the fifth column shows the number of ears per plant, the sixth column shows the number of ears per acre, and the seventh column shows the number of ears per bushel.

- 1. The results of the experiments conducted on the 1st of June, 1881, at the Agricultural Station, Cambridge, Mass. The experiments were conducted by Mr. J. H. Comstock, and the results are given in the following table. The first column shows the date of the experiment, the second column shows the name of the variety, the third column shows the number of plants, the fourth column shows the number of ears, the fifth column shows the number of ears per plant, the sixth column shows the number of ears per acre, and the seventh column shows the number of ears per bushel.
- 2. The results of the experiments conducted on the 2nd of June, 1881, at the Agricultural Station, Cambridge, Mass. The experiments were conducted by Mr. J. H. Comstock, and the results are given in the following table. The first column shows the date of the experiment, the second column shows the name of the variety, the third column shows the number of plants, the fourth column shows the number of ears, the fifth column shows the number of ears per plant, the sixth column shows the number of ears per acre, and the seventh column shows the number of ears per bushel.
- 3. The results of the experiments conducted on the 3rd of June, 1881, at the Agricultural Station, Cambridge, Mass. The experiments were conducted by Mr. J. H. Comstock, and the results are given in the following table. The first column shows the date of the experiment, the second column shows the name of the variety, the third column shows the number of plants, the fourth column shows the number of ears, the fifth column shows the number of ears per plant, the sixth column shows the number of ears per acre, and the seventh column shows the number of ears per bushel.

The following table shows the results of the experiments conducted on the 1st, 2nd, and 3rd of June, 1881, at the Agricultural Station, Cambridge, Mass. The experiments were conducted by Mr. J. H. Comstock, and the results are given in the following table. The first column shows the date of the experiment, the second column shows the name of the variety, the third column shows the number of plants, the fourth column shows the number of ears, the fifth column shows the number of ears per plant, the sixth column shows the number of ears per acre, and the seventh column shows the number of ears per bushel.

Table 2. Results of experiments conducted on the 1st, 2nd, and 3rd of June, 1881, at the Agricultural Station, Cambridge, Mass.

Date	Variety	No. of plants	No. of ears	No. of ears per plant	No. of ears per acre	No. of ears per bushel
June 1st	Early	10	10	1.0	10.0	1.0
June 2nd	Early	10	10	1.0	10.0	1.0
June 3rd	Early	10	10	1.0	10.0	1.0
June 1st	Medium	10	10	1.0	10.0	1.0
June 2nd	Medium	10	10	1.0	10.0	1.0
June 3rd	Medium	10	10	1.0	10.0	1.0
June 1st	Late	10	10	1.0	10.0	1.0
June 2nd	Late	10	10	1.0	10.0	1.0
June 3rd	Late	10	10	1.0	10.0	1.0

EMPLOYMENT STATISTICS (Cont'd.)

Employment by months.- The number of wage-earners employed during the year is shown by sex for the Dominion in table 5. The months of maximum employment were August to November, the peak being reached in September with a total enrolment of 1,365, whilst the months of minimum employment were January to June with the lowest point in February with a total enrolment of 544. The average number of wage-earners for the year being 842.

Table 5. Wage-earners employed by months, 1926

Months	Males	Females	Months	Males	Females
January	362	233	July	462	324
February	338	206	August	524	357
March	350	251	September	918	447
April	390	292	October	602	348
May	389	255	November	484	304
June	396	315	December	405	243
Total employees by months			5,620	3,575	
Average employment per plant by months in operation			499	343	

Working time of plants and employees.- The operating time of plants is shown in table 6 according to full time and part time operations and by the number of days the plants were idle. Hours of labour of employees are shown by the day and the week.

Table 6. Working time of plants and employees, 1926

Number of plants reporting	57	
	Totals	Average per plant
Days in operation of plant -		
On full time	10,262	180.04
On part time	1,301	22.82
Idle	5,765	101.14
Hours worked by employees - (No. 1504)		
Per day or shift	14,546	9.66
Per week	2,783	48.84

FUEL CONSUMPTION

The quantity and cost value at the factory of the various classes of fuel used in 1926 are shown in table 7. The total cost of fuel shows an increase of \$1,332 when compared with 1925. The cost of coal fell by \$3,745 and oil, gas and gasoline by \$1,204 but on the other hand wood increased by \$7,270. Electricity purchased during the year amounted to \$10,849 as compared with an outlay of \$9,817 in 1925.

Table 7. Fuel used by classes, quantity and cost value, 1926

Classes of fuel	Units of measure	Quantity	Cost Value
Bituminous coal	ton	14,520	\$ 85,365
Anthracite "	"	105	1,754
Lignite "	"	32	193
Coke	"	6	91
Gasoline	gal.	3,764	1,054
Oil(fuel)	"	3,772	458
Wood	cord	1,732	13,419
Gas, artificial and natural	M.C.ft.	2,370	966
Total cost of fuel	-	-	103,300

1998

1990

10

111

POWER INSTALLATION

Power installation in the vinegar, pickle, etc. section of the industry is shown by classes in table 8, according to (a) the number of units in each class and (b) the horse power according to the manufacturer's rating. Primary power decreased over 1925 by 10 units and 123 horse power. Electric motors increased by 18 horse power, whilst the total power used for manufacturing purposes decreased 248 h.p. The number of boilers installed for any purpose totalled 38 with a boiler h.p. capacity of 4,011.

Table 8. Power installation by classes, 1926

Classes of power	Number of Units	Horse power according to manufacturer's rating
Steam engines and turbines	18	897
Oil, gas and gasoline engines	11	49
Hydraulic turbines or water wheels	3	94
Total primary power	32	1,040
Electric motors operated by purchased power	200	603
Electric motors operated by power generated by establishment	204	758
Total electric motors	404	1,361
Total power for manufacturing purposes	232	1,643

MATERIALS USED

The quantity and cost value at the factory of the various materials used in this section is presented in table 9 for the calendar year 1926. The total cost of all materials decreased from the preceding year by \$343,653.

Table 9. Materials used by classes, quantity and value, 1926.

Classes of materials	Units of measure	Quantity	Cost value at factory
Fruits for canning, etc.	pound	23,444,203	\$ 154,126
Vegetables for canning, pickling, etc.	"	45,227,937	532,333
Sugar	"	2,971,788	189,199
Salt	"	2,637,652	13,246
Pectin	"	-	-
Glucose	"	350,000	14,175
Spices, all kinds	"	93,449	20,836
Vinegar	gal.	424,613	118,901
Cider	"	18,880	7,319
Alcohol (incl. duty)	prf."	375,341	242,304
Vinegar materials n.e.s. (value only)	-	-	78,640
Containers, labels, caps, etc., (value only)	-	-	1,316,820
All other materials (value only)	-	-	490,362
Total cost of materials	-	-	3,178,261

IMPORTS AND EXPORTS

The quantity and value of pickles, sauces and relishes, vinegar, etc. imported for consumption in Canada is shown by principal countries in Table 10. The total value of such imports during the calendar year 1926 was \$668,041 as compared with \$624,263 in 1925.

The quantity and value of goods the produce of Canada exported is also shown in the same table for the calendar year 1926 amounting to \$745,850. Comparative figures for previous years are not comparable.

Table 10. Imports and Exports of pickles, sauces, vinegar, etc. during the calendar year 1926.

Articles by countries		Imports		Exports	
		Quantity	Value	Quantity	Value
Pickles in bottles, jars, etc.	gal.	70,664	116,047	-	719,204
United Kingdom	"	58,187	94,207	-	677,344
United States	"	5,406	11,832	-	19,875
Newfoundland	"	-	-	-	18,060
Hong Kong	"	1,832	2,523	-	-
Other countries	"	5,239	7,485	-	3,925
Pickles in bulk	"	25,654	14,036	-	-
United Kingdom	"	369	521	-	-
United States	"	2,383	1,548	-	-
Hong Kong	"	680	570	-	-
Japan	"	20,150	10,152	-	-
Other countries	"	2,067	1,245	-	-
Sauces and catsup in bottles	"	202,190	378,551	-	-
United Kingdom	"	114,153	215,210	-	-
United States	"	79,356	151,438	-	-
Hong Kong	"	6,930	9,122	-	-
Other countries	"	1,751	2,781	-	-
Sauces and catsup in bulk	"	20,024	15,037	-	-
United Kingdom	"	120	201	-	-
United States	"	10,875	10,401	-	-
Hong Kong	"	8,360	4,112	-	-
Japan	"	570	238	-	-
Other countries	"	99	85	-	-
Sauces, soy	"	97,472	43,885	-	-
United Kingdom	"	35	32	-	-
United States	"	123	107	-	-
Hong Kong	"	29,363	12,468	-	-
Japan	"	60,879	27,060	-	-
Other countries	"	7,072	4,218	-	-
Vinegar any strength not above proof	"	162,532	95,865	37,505	16,557
United Kingdom	"	91,606	40,392	1,057	370
United States	"	62,064	50,433	35,774	15,889
Japan	"	5,405	3,431	-	-
Other countries	"	3,457	1,609	674	298
Vinegar above proof strength	"	26,490	4,367	-	-
United Kingdom	"	24	50	-	-
United States	"	26,466	4,317	-	-
Cider, not clarified or refined	"	172	42	-	-
United States	"	172	42	-	-
Cider, clarified or refined	"	157	211	14,312	10,089
United Kingdom	"	-	-	14,052	9,982
United States	"	149	206	-	-
Newfoundland	"	-	-	260	107
Other countries	"	8	5	-	-
Totals		-	668,041	-	745,850

TABLE

TABLE showing the results of the experiments conducted during the year 1900, in connection with the investigation of the properties of the various substances used in the manufacture of explosives.

TABLE showing the results of the experiments conducted during the year 1900, in connection with the investigation of the properties of the various substances used in the manufacture of explosives.

No.	Substance	Weight	Volume	Specific Gravity	Boiling Point	Freezing Point	Refraction	Dispersion	Optical Activity
1	Water	100	100	1.000	100	0	1.333	0.017	0
2	Alcohol	100	120	0.790	78	-117	1.362	0.018	0
3	Acetic Acid	100	125	0.850	118	-17	1.371	0.019	0
4	Hydrochloric Acid	100	120	1.180	108	-110	1.473	0.020	0
5	Sulfuric Acid	100	120	1.840	338	-10	1.426	0.021	0
6	Nitric Acid	100	120	1.420	338	-17	1.328	0.022	0
7	Phosphoric Acid	100	120	1.680	213	-13	1.413	0.023	0
8	Silicic Acid	100	120	1.500	170	-10	1.400	0.024	0
9	Carbonic Acid	100	120	1.340	31	-78	1.340	0.025	0
10	Ammoniacal Solution	100	120	0.930	33	-33	1.333	0.026	0
11	Sodium Chloride	100	120	1.200	146	-106	1.413	0.027	0
12	Potassium Chloride	100	120	1.190	174	-105	1.413	0.028	0
13	Calcium Chloride	100	120	1.480	190	-78	1.413	0.029	0
14	Magnesium Chloride	100	120	1.250	148	-148	1.413	0.030	0
15	Zinc Chloride	100	120	1.280	103	-115	1.413	0.031	0
16	Iron Chloride	100	120	1.340	238	-112	1.413	0.032	0
17	Copper Chloride	100	120	1.350	136	-42	1.413	0.033	0
18	Mercuric Chloride	100	120	1.480	270	-32	1.413	0.034	0
19	Lead Chloride	100	120	1.500	262	-35	1.413	0.035	0
20	Strontian Chloride	100	120	1.500	246	-78	1.413	0.036	0
21	Barium Chloride	100	120	1.500	255	-72	1.413	0.037	0
22	Ammonium Chloride	100	120	1.500	338	-78	1.413	0.038	0
23	Sodium Nitrate	100	120	1.200	306	-17	1.413	0.039	0
24	Potassium Nitrate	100	120	1.200	306	-10	1.413	0.040	0
25	Calcium Nitrate	100	120	1.200	306	-10	1.413	0.041	0
26	Magnesium Nitrate	100	120	1.200	306	-10	1.413	0.042	0
27	Zinc Nitrate	100	120	1.200	306	-10	1.413	0.043	0
28	Iron Nitrate	100	120	1.200	306	-10	1.413	0.044	0
29	Copper Nitrate	100	120	1.200	306	-10	1.413	0.045	0
30	Mercuric Nitrate	100	120	1.200	306	-10	1.413	0.046	0
31	Lead Nitrate	100	120	1.200	306	-10	1.413	0.047	0
32	Strontian Nitrate	100	120	1.200	306	-10	1.413	0.048	0
33	Barium Nitrate	100	120	1.200	306	-10	1.413	0.049	0
34	Ammonium Nitrate	100	120	1.200	306	-10	1.413	0.050	0
35	Sodium Sulfate	100	120	1.200	306	-10	1.413	0.051	0
36	Potassium Sulfate	100	120	1.200	306	-10	1.413	0.052	0
37	Calcium Sulfate	100	120	1.200	306	-10	1.413	0.053	0
38	Magnesium Sulfate	100	120	1.200	306	-10	1.413	0.054	0
39	Zinc Sulfate	100	120	1.200	306	-10	1.413	0.055	0
40	Iron Sulfate	100	120	1.200	306	-10	1.413	0.056	0
41	Copper Sulfate	100	120	1.200	306	-10	1.413	0.057	0
42	Mercuric Sulfate	100	120	1.200	306	-10	1.413	0.058	0
43	Lead Sulfate	100	120	1.200	306	-10	1.413	0.059	0
44	Strontian Sulfate	100	120	1.200	306	-10	1.413	0.060	0
45	Barium Sulfate	100	120	1.200	306	-10	1.413	0.061	0
46	Ammonium Sulfate	100	120	1.200	306	-10	1.413	0.062	0
47	Sodium Phosphate	100	120	1.200	306	-10	1.413	0.063	0
48	Potassium Phosphate	100	120	1.200	306	-10	1.413	0.064	0
49	Calcium Phosphate	100	120	1.200	306	-10	1.413	0.065	0
50	Magnesium Phosphate	100	120	1.200	306	-10	1.413	0.066	0
51	Zinc Phosphate	100	120	1.200	306	-10	1.413	0.067	0
52	Iron Phosphate	100	120	1.200	306	-10	1.413	0.068	0
53	Copper Phosphate	100	120	1.200	306	-10	1.413	0.069	0
54	Mercuric Phosphate	100	120	1.200	306	-10	1.413	0.070	0
55	Lead Phosphate	100	120	1.200	306	-10	1.413	0.071	0
56	Strontian Phosphate	100	120	1.200	306	-10	1.413	0.072	0
57	Barium Phosphate	100	120	1.200	306	-10	1.413	0.073	0
58	Ammonium Phosphate	100	120	1.200	306	-10	1.413	0.074	0
59	Sodium Silicate	100	120	1.200	306	-10	1.413	0.075	0
60	Potassium Silicate	100	120	1.200	306	-10	1.413	0.076	0
61	Calcium Silicate	100	120	1.200	306	-10	1.413	0.077	0
62	Magnesium Silicate	100	120	1.200	306	-10	1.413	0.078	0
63	Zinc Silicate	100	120	1.200	306	-10	1.413	0.079	0
64	Iron Silicate	100	120	1.200	306	-10	1.413	0.080	0
65	Copper Silicate	100	120	1.200	306	-10	1.413	0.081	0
66	Mercuric Silicate	100	120	1.200	306	-10	1.413	0.082	0
67	Lead Silicate	100	120	1.200	306	-10	1.413	0.083	0
68	Strontian Silicate	100	120	1.200	306	-10	1.413	0.084	0
69	Barium Silicate	100	120	1.200	306	-10	1.413	0.085	0
70	Ammonium Silicate	100	120	1.200	306	-10	1.413	0.086	0
71	Sodium Borate	100	120	1.200	306	-10	1.413	0.087	0
72	Potassium Borate	100	120	1.200	306	-10	1.413	0.088	0
73	Calcium Borate	100	120	1.200	306	-10	1.413	0.089	0
74	Magnesium Borate	100	120	1.200	306	-10	1.413	0.090	0
75	Zinc Borate	100	120	1.200	306	-10	1.413	0.091	0
76	Iron Borate	100	120	1.200	306	-10	1.413	0.092	0
77	Copper Borate	100	120	1.200	306	-10	1.413	0.093	0
78	Mercuric Borate	100	120	1.200	306	-10	1.413	0.094	0
79	Lead Borate	100	120	1.200	306	-10	1.413	0.095	0
80	Strontian Borate	100	120	1.200	306	-10	1.413	0.096	0
81	Barium Borate	100	120	1.200	306	-10	1.413	0.097	0
82	Ammonium Borate	100	120	1.200	306	-10	1.413	0.098	0
83	Sodium Fluoride	100	120	1.200	306	-10	1.413	0.099	0
84	Potassium Fluoride	100	120	1.200	306	-10	1.413	0.100	0
85	Calcium Fluoride	100	120	1.200	306	-10	1.413	0.101	0
86	Magnesium Fluoride	100	120	1.200	306	-10	1.413	0.102	0
87	Zinc Fluoride	100	120	1.200	306	-10	1.413	0.103	0
88	Iron Fluoride	100	120	1.200	306	-10	1.413	0.104	0
89	Copper Fluoride	100	120	1.200	306	-10	1.413	0.105	0
90	Mercuric Fluoride	100	120	1.200	306	-10	1.413	0.106	0
91	Lead Fluoride	100	120	1.200	306	-10	1.413	0.107	0
92	Strontian Fluoride	100	120	1.200	306	-10	1.413	0.108	0
93	Barium Fluoride	100	120	1.200	306	-10	1.413	0.109	0
94	Ammonium Fluoride	100	120	1.200	306	-10	1.413	0.110	0
95	Sodium Chloride	100	120	1.200	306	-10	1.413	0.111	0
96	Potassium Chloride	100	120	1.200	306	-10	1.413	0.112	0
97	Calcium Chloride	100	120	1.200	306	-10	1.413	0.113	0
98	Magnesium Chloride	100	120	1.200	306	-10	1.413	0.114	0
99	Zinc Chloride	100	120	1.200	306	-10	1.413	0.115	0
100	Iron Chloride	100	120	1.200	306	-10	1.413	0.116	0

TABLE showing the results of the experiments conducted during the year 1900, in connection with the investigation of the properties of the various substances used in the manufacture of explosives.

FRUIT AND VEGETABLE CANNERIES IN OPERATION IN CANADA, 1926.

NOVA SCOTIA

1. Provincial Cannery, Ltd., Waterville, N.S.
2. United Fruit Companies of N.S. Ltd., Aylesford, N.S.
3. Logan & Roberts, Pictou, R.R.#1, N.S.

NEW BRUNSWICK

- | | |
|---------------------------------|------------------|
| 1. The A. & R. Loggie Co. Ltd., | Inkerman, N.B. |
| 2. The A. & R. Loggie Co. Ltd., | Richibucto, N.B. |
| 3. The A. & R. Loggie Co. Ltd., | Tracadie, N. B. |
| 4. W. S. Loggie Co. Ltd., | Chatham, N. B. |
| 5. W. S. Loggie Co. Ltd., | Tracadie, N. B. |

QUEBEC

- | | |
|-----------------------------------|--|
| 1. Canadian Cannery, Ltd., | St. Dorothee, Que. |
| 2. " " " | St. Isidore, Que. |
| 3. W. Clark, Ltd., | St. Remi, Que. |
| 4. The deGruchy Canning Co., | Laprairie, Que. |
| 5. A. D. Gregoire, | Henryville, Que. |
| 6. Lemay & Lemay | St. Pierre les Becquets, Que. |
| 7. The A. & R. Loggie Co. Ltd., | Les Escoumains, Que. |
| 8. W. S. Loggie Co. Ltd., | " " " |
| 9. W. S. Loggie Co. Ltd., | Mille Vaches, " |
| 10. Wilfred Lorrain, | Abord-a-Plouffe, " |
| 11. Antonio Materazzo | 1347 rue de St. Valier, Montreal, Que. |
| 12. Les Trappistes de Mistassini, | Mistassini, Que. |
| 13. David McMeekin, | Valleyfield, Que. |
| 14. Windsor Canning Co. Ltd., | Napierville, Que. |
| 15. " " " " | St. Johns, Que. |
| 16. J. W. Windsor, Ltd., | Roberval, Que. |
| 17. Aristide Lassonde | St. Michel de Rougemont, Que. |
| 18. Rouville Cannery, Ltd., | St. Cesaire, Que. |

ONTARIO

- | | |
|------------------------------------|------------------|
| 1. W. H. Benson, | Picton, Ont. |
| 2. Boulter & Colliver Canning Co., | Cherry Valley, " |
| 3. Caldwell Canning Co. Ltd., | Dundas, " |
| 4. Canadian Cannery, Limited, | Alvinston, " |
| 5. " " " | Amherstburg, " |
| 6. " " " | Aylmer, " |
| 7. " " " | Beamsville, " |
| 8. " " " | Belle River, " |
| 9. " " " | Blenheim, " |
| 10. " " " | Bloomfield, " |
| 11. " " " | " " |
| 12. " " " | Bowmanville, " |
| 13. " " " | Brighton, " |
| 14. " " " | Burford, " |
| 15. " " " | Burlington, " |
| 16. " " " | Chatham, " |
| 17. " " " | Cobourg, " |
| 18. " " " | Colborne, " |
| 19. " " " | " " |
| 20. " " " | Consecon, " |
| 21. " " " | Delhi, " |
| 22. " " " | Dresden, " |
| 23. " " " | Dunnville, " |
| 24. " " " | Emo, " |
| 25. " " " | Exeter, " |
| 26. " " " | Fonthill, " |
| 27. " " " | Forest, " |
| 28. " " " | Frankford, " |
| 29. " " " | Grafton, " |
| 30. " " " | Grimsby, " |

FRUIT AND VEGETABLE CANNERIES IN OPERATION IN CANADA, 1926.(Cont'd.)

ONTARIO (Cont'd.)

31.	Canadian Cannery, Limited,	Grimsby, Ont.
32.	" " "	Highgate, "
33.	" " "	Hillier, "
34.	" " "	Jordon Station, Ont.
35.	" " "	Lakeport, "
36.	" " "	Loiselleville, "
37.	" " "	Napanee, "
38.	" " "	Niagara-on-the-Lake, Ont.
39.	" " "	Northport, Ont.
40.	" " "	Oreoc, "
41.	" " "	Petrolia, "
42.	" " "	Picton, "
43.	" " "	" "
44.	" " "	" "
45.	" " "	West Lake, "
46.	" " "	Port Burwell, "
47.	" " "	Port Dalhousie, "
48.	" " "	Port Hope, "
49.	" " "	Port Milford, "
50.	" " "	Rednersville, "
51.	" " "	Ridgetown, "
52.	" " "	St. Catharines, "
53.	" " "	" " "
54.	" " "	St. Davids, "
55.	" " "	Simcoe, "
56.	" " "	Stoney Point, "
57.	" " "	Strathroy, "
58.	" " "	Thamesville, "
59.	" " "	Tilbury, "
60.	" " "	Vineland, "
61.	" " "	Waterford, "
62.	" " "	Wellington, "
63.	" " "	" "
64.	" " "	West Lorne, "
65.	John M. Crockett, 68 Gage Ave.,	Mount Hamilton, "
66.	Branscombe Canning Co.	Colborne, "
67.	Ellis Canning Co.,	Niagara Falls, "
68.	Cracknell & Folkard,	Picton, R.R.#8 (Bethel) Ont.
69.	Greer Bros.	Wellington, Ont.
70.	Hallowell Cannery, Ltd.,	Bloomfield, "
71.	Harvest Canning Co. Ltd.,	958 Barton St.E.Hamilton, "
72.	E. J. Nesbitt Canning Co.	Brighton, Ont.
73.	Irvin S. Havens	St. Catharines, R.R.#1, "
74.	Emile Henrie,	Clarence
75.	Hyslop & Sons, Ltd.,	Greensville & Burlington, "
76.	Kinney Canning Co.	Picton, Ont.
77.	Hubert J. O'Mara, Carlton St.,	St. Catharines, "
78.	The E. C. Metcalfe Canning Co.,	Deseronto, Ont.
79.	Otterville Cannery, Ltd.,	Otterville, "
80.	C. Orser (Northern Canning Co.)	New Liskeard, "
81.	Port Dover Canning Co. Ltd., (Operating Culverhouse Canning Co.)	Vineland Station, "
82.	Port Dover Canning Co. Ltd.,	Port Dover, "
83.	Quality Cannery of Canada, Ltd.,	Cottam, "
	Head Office	McGregor, "
	30 LaPelle Bldg.,	Harrow, "
	Windsor, Ont.	Essex, "
84.	Smart Bros., Ltd.,	Collingwood, "
85.	Smithfield Packing Co.,	Smithfield, "
86.	J. G. Sprague & Sons,	Mountain View, "
87.	Spring Valley Cannery, Ltd.,	Brighton, "
88.	Waupoos Canning Co. Ltd.,	Waupoos, "
89.	The Welch Grape Juice Co.,	St. Catharines, "

FRUIT AND VEGETABLE CANNERIES IN OPERATION IN CANAD. 1926 -(Cont'd.)

MANITOBA

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|-----------------------------------|---------------------|
| 1. The Kildonan Canning Co. Ltd., | East Kildonan, Man. |
|-----------------------------------|---------------------|

BRITISH COLUMBIA

- | | |
|---|--------------------------------|
| 1. Ashcroft Cannery, Ltd., | Ashcroft, B.C. |
| 2. Broder Canning Co. Ltd., Front Street, | New Westminster, B.C. |
| 3. Cawston Co-operative Fruit
and Canning Association, | Cawston, B.C. |
| 4. Dominion Cannery, B.C. Ltd., | Kelowna, " |
| 5. " " " " | Keremeos, " |
| 6. " " " " | Penticton, " |
| 7. " " " " | 332 Drake St., Vancouver, B.C. |
| 8. " " " " | Oliver, B.C. |
| 9. Western Packing Corporation, Ltd., | Kamloops, " |
| 10. Farmers Canning Co. Ltd., | Mission City, B.C. |
| 11. Western Packing Corporation, Ltd., 261-281 Central St., | Vancouver, B.C. |
| 12. Occidental Fruit Co. Ltd., | Kelowna, B.C. |
| 13. Western Packing Corporation, Ltd., | " " |
| 14. Rowcliffe Canning Co. Ltd., | " " |
| 15. Saanich Canning Co. Ltd., | Sidney, " |
| 16. Western Packing Corporation, Ltd., | Port Haney, B.C. |

EVAPORATED FRUITS AND VEGETABLES, CANADA, 1926.

NOVA SCOTIA

- | | |
|---|-------------------------|
| 1. Acadia Cannery, Ltd., | Aylesford, N.S. |
| 2. Cambridge Fruit Co., | Cambridge Station, N.S. |
| 3. Fruit Products, Ltd., | Annapolis Royal, N.S. |
| 4. The Kingston Evaporators, Ltd., | Kingston, N.S. |
| 5. United Fruit Companies of N.S. Ltd., | Sheffield Mills, N.S. |

ONTARIO

- | | |
|--|------------------------|
| 1. Arthur Alyea, | Curries Crossing, Ont. |
| 2. G. F. Bagnall, | Sparta " |
| 3. East and Parkinson, | Thornburg, " |
| 4. F. Bosdale & Sons, | Delaware, " |
| 5. J. L. Buck, | Port Rowan, " |
| 6. Stanley Bowerman, | Bloomfield, " |
| 7. Canadian Cannery, Ltd., | Brighton, " |
| 8. " " " | Oreno, " |
| 9. A. D. Clapp, | Dutton & Exeter, " |
| 10. Frank Clark, | St. Mary's, " |
| 11. Clark Bros., | Bloomfield, " |
| 12. Joel Davis, | Fingal, " |
| 13. Geo. Doelittle, | Union, " |
| 14. P. Haines, & Son, | Clarksburg, " |
| 15. W. L. Hamilton, | Collingwood, " |
| 16. L. Hughes, | Waupees, " |
| 17. Lakeview Evaporator Co., | Meaford, " |
| 18. W. H. Mills, | Sparta, " |
| 19. O. J. Peacock, | Embro, " |
| 20. E. C. Adams (The Phillips Co.) | Rednersville, " |
| 21. O. E. Robinson & Co., | Ingersoll, " |
| 22. " " " | Tillsonburg, " |
| 23. Manford Schier, | Dunnville, " |
| 24. Shourds & Collier, | Trenton, " |
| 25. Town & Case, | Arkona, " |
| 26. " " " | Thedford, " |
| 27. Vancise & Carpenter, | Greenore, " |
| 28. Brown & Maybee (West End Evaporator Co.) | Brighton, " |

EVAPORATED FRUITS AND VEGETABLES, CANADA, 1926 (Cont'd.)

BRITISH COLUMBIA

- | | |
|-------------------|--------------|
| 1. Bulman's Ltd., | Vernon, B.C. |
|-------------------|--------------|

FRUITS PRESERVED. (JAMS, JELLIES, ETC.) 1926

NEW BRUNSWICK

- | | |
|---------------------------------|-------------------------------------|
| 1. Thos. H. Stevenson Co. Ltd., | 3 Prince Edward St., St. John, N.B. |
|---------------------------------|-------------------------------------|

NOVA SCOTIA

- | | |
|--------------------|-------------|
| 1. Jack & Cardoza, | Digby, N.S. |
|--------------------|-------------|

QUEBEC

- | | |
|--------------------------------------|--------------------------------------|
| 1. J. T. Eagles, | 12 Drummond St., Montreal, Que. |
| 2. Dominion Preserving Co. Ltd., | 3775 St. Dominique, Montreal, Que. |
| 3. Labrecque & Pellerin, | 111 St. Timothee St., Montreal, Que. |
| 4. Jos. M. Poirier, | 30 Calumet Ave., Montreal, Que. |
| 5. Old City Mfg. Co. Ltd., | 120 St. Paul St., Quebec, Que. |
| 6. Preston's Pure Preserves, Ltd., | 4566 DelaRoche, Montreal, Que. |
| 7. Quebec Preserving Limited | 23 Devarennnes, Quebec, Que. |
| 8. Alphonse Raymond, | 520 rue Panet, Montreal, Que. |
| 9. Saxonia Fruit Preserving Co. Ltd. | 75-17th Ave., Lachine, Que. |

SASKATCHEWAN

- | | |
|---------------------|------------------|
| 1. J. W. A. Jarvis, | Saskatoon, Sask. |
|---------------------|------------------|

ALBERTA

- | | |
|---------------------|----------------------------------|
| 1. Eaman's Limited, | 614-17th Ave. W., Calgary, Alta. |
|---------------------|----------------------------------|

ONTARIO

- | | |
|-----------------------------------|--|
| 1. Wm. Beasley, | 48 Britain St., Toronto, Ont. |
| 2. Betty's Ltd., | 25 York Ave., Mount Dennis, Ont. |
| 3. Bowes Co. Ltd., | 58 Wellington St. E., Toronto, Ont. |
| 4. Canadian Cannors, Ltd., | 44 Hughson St. S., Hamilton, Ont. |
| 5. John Casson | 812 Bloor St., Toronto, Ont. |
| 6. Glassco, Limited, | Oakville, Ont. |
| 7. Shirreffs Limited | 2-24 Matilda St., Toronto, Ont. |
| 8. Geo. B. Jacobs, | Oakville, Ont. |
| 9. R. D. Laing & Co. Ltd., | 171 Sheridan Ave., Toronto, Ont. |
| 10. The Lindner Co. Ltd., | Brampton, Ont. |
| 11. Nicholson & Stetler, | Waterdown, Ont. |
| 12. Toronto Preserving Co. | 756 Queen St. W., Toronto, Ont. |
| 13. St. Williams Preserves, Ltd. | Simcoe, Ont. |
| 14. E. D. Smith & Sons, Ltd. | Winona, Ont. |
| 15. J. Hangerford Smith Co. Ltd., | 19 Terauley St., Toronto, Ont. |
| 16. E. B. Thompson, | 20 Front St. E., Toronto, Ont. |
| 17. The T. Upton Co. Ltd., | 37 Delaware Ave., Hamilton, Ont. |
| 18. Wagstaffe, Limited, | Cor. Maple & Gage Ave., Hamilton, Ont. |
| 19. J. H. Wethey, Limited | St. Catharines, Ont. |
| 20. Taylor Bros. & Co. | New Toronto, Ont. |
| 21. J. S. Whitlaw, Ltd., | 168 Grosvenor Ave. N., Hamilton, Ont. |

BRITISH COLUMBIA

- | | |
|--|-----------------------------------|
| 1. Western Packing Corporation, Ltd. | 2847 Douglas St., Victoria, B.C. |
| 2. Express Mfg. Co. Ltd., | 1106 Homer St., Vancouver, B.C. |
| 3. Gulf Island Co-operative Jam
Factory Association | Ganges, B.C. |
| 4. Mrs. Haine, Ltd., | 2645-4th Ave. W., Vancouver, B.C. |
| 5. McDonald & Co., | Armstrong, B.C. |
| 6. The McDonald Jam Co. Ltd., | Nelson, B.C. |

THE HISTORY OF THE UNITED STATES

CHAPTER I

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THE HISTORY OF THE UNITED STATES

CHAPTER II

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CHAPTER III

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CHAPTER IV

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CHAPTER V

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CHAPTER VI

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FRUITS PRESERVED. (JAMS, JELLIES, ETC.) 1926 - Cont'd.

BRITISH COLUMBIA -Cont'd.

- | | |
|--|--|
| 7. John T. Allcock | 621-15th Ave. E., Vancouver, B.C. |
| 8. William Robinson, Ltd., | 251-1st Ave., E., Vancouver, B.C. |
| 9. Chas. B. Slaney | 157 Water St., Vancouver, B.C. |
| 10. H. Stanley | 3380 Victory St. (Burnaby),
Vancouver, B.C. |
| 11. The Kootenay-Columbia Preserving
Works, | Brilliant, B.C. |

VINEGAR, CIDER, PICKLES, RELISHES, SAUCES, ETC., 1926.

NOVA SCOTIA

- | | |
|-----------------------------|------------------|
| 1. M. W. Graves & Co. Ltd., | Bridgetown, N.S. |
|-----------------------------|------------------|

NEW BRUNSWICK

- | | |
|--------------------|----------------------------------|
| 1. McCready & Son, | 20-40 Camden St., St. John, N.B. |
|--------------------|----------------------------------|

QUEBEC

- | | |
|--|--|
| 1. The Lion Vinegar Co. Ltd., | 661 Drolet St. and 457 St. Germain St.
Montreal, Que. |
| 2. La Manufacture Nationale de Vinaigre,
(C. E. Boivin) | 35 rue Saultau Matelot, Quebec, Que. |
| 3. H. Pare, | 185½ rue Colombe, Quebec, Que. |
| 4. W. G. Reid, | 707 Henry Julien Ave., Montreal, Que. |
| 5. The St. Lawrence Vinegar Mfg. Co. | Renaud Ave., Quebec, Que. |

ONTARIO

- | | |
|----------------------------------|--------------------------------------|
| 1. Canada Vinegars, Ltd., | 112 Duke St., Toronto, Ont. |
| 2. " " " | 137-139 James St. S., Hamilton, Ont. |
| 3. " " " | Bagot St., Kingston, Ont. |
| 4. " " " | Norwich, Ont. |
| 5. W. B. Armour Co., | 6 Cherrynock Gardens, Toronto, Ont. |
| 6. Jas. Barden & Son, | Eden Mills, Ont. |
| 7. Bowron Bros., | 105 Victoria Ave. N., Hamilton, Ont. |
| 8. Canadian Cannery, Ltd., | Brighton, Ont. |
| 9. W. T. Chandler, | rear 106 Shuter St., Toronto, Ont. |
| 10. G. H. Clark, | Ingersoll, Ont. |
| 11. W. Clark, Limited | Harrow, Ont. |
| 12. Henry H. Dietz, | Clifford, Ont. |
| 13. Douglas Packing Co. Ltd., | Cobourg, Ont. |
| 14. W. H. Duncan, | Bright, Ont. |
| 15. Earl H. Duthie, | 650 Dufferin St., Toronto, Ont. |
| 16. Cecil J. Blyth, | Hanover, Ont. |
| 17. D. B. Gordon | 490 Mary St. N., Hamilton, Ont. |
| 18. The Grimsby Pickle Co. Ltd., | Grimsby, Ont. |
| 19. H. J. Heinz Company, | Leamington, Ont. |
| 20. Horton-Cato Mfg. Co. | 506 Dufferin Place, Windsor, Ont. |
| 21. W. H. Huehn, | Baden, Ont. |
| 22. Aaron W. Jantzi, | Wellesley, Ont. |
| 23. Lapp Bros. | Markham, Ont. |
| 24. The Lealand Co. | Simcoe, Ont. |

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THE [illegible] OF [illegible]

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VINEGAR, CIDER, PICKLES, RELISHES, SAUCES, ETC., 1926 --(Cont'd.)

ONTARIO --(Cont'd.)

- | | |
|---|--------------------------------|
| 25. Libby, McNeill & Libby of Canada, Ltd., | Chatham, Ont. |
| 26. W. Embleton, | 94 King St., London, Ont. |
| 27. McCrae Bros. | Ariss, Ont. |
| 28. Ontario Seed Co., (O. & J. Uffelmann) | 12 King St., Waterloo, Ont. |
| 29. B. E. Reinhart, | Stayner, Ont. |
| 30. G. H. Routledge, | Lambeth, " |
| 31. J. B. Sauder, | St. Jacobs, Ont. |
| 32. Mrs. Christena Schreider, | Ayton, Ont. |
| 33. W. B. Scott, | 96 Wilson St., Woodstock, Ont. |
| 34. A. J. Shantz, | R.R. #1, Hespeler, Ont. |
| 35. Michael Weber & Son, | St. Clements, Ont. |
| 36. E. A. Stahl, | Kitchener, R.R.#3, Ont. |

MANITOBA

- | | |
|--------------------------------|--|
| 1. Avico Food Products, Ltd., | 1262 Selkirk Ave., Winnipeg, Man. |
| 2. The Dyson Vinegar Co. Ltd., | 456 Redwood Ave., Winnipeg, Man. |
| 3. Reynolds, Moore & Co. Ltd., | 109 Higgins Ave., " " |
| 4. W. A. Taylor & Co., | 168 Provencher Ave.,
St. Boniface, Man. |
| 5. E. F. Jones & Co., | 936 Sherbrooke St., Winnipeg, Man. |

ALBERTA

- | | |
|--------------------------------|---------------------------------|
| 1. Charles Bentz & Sons, Ltd., | 1116-12th St. E. Calgary, Alta. |
| 2. W. J. Blair, | 10507-98th St., Edmonton, " |

BRITISH COLUMBIA

- | | |
|-------------------------------|-----------------------------------|
| 1. James Ball, | 1365 Powell St., Vancouver, B.C. |
| 2. Holsum Products, Ltd., | 851 Fisgard St., Victoria " |
| 3. Wm. T. Syms, | Salmon Arm, B.C. |
| 4. Vancouver Pickle Co. Ltd., | Granville Island, Vancouver, B.C. |
| 5. Vernon Growers, Ltd., | Vernon, B.C. |
| 6. Lion Mfg. Co. Ltd., | 56-2nd Ave. W., Vancouver, B.C. |

