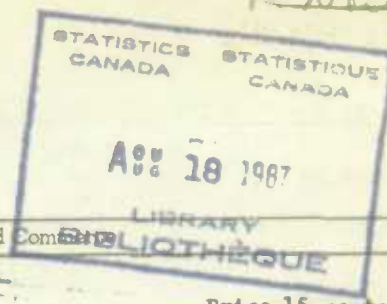




DOMINION BUREAU OF STATISTICS  
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OTTAWA



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Annual Industry Report

Price 15 cents

Chemicals and Allied Products Group

THE VEGETABLE OILS INDUSTRY IN CANADA - 1948

Under the above heading are now included all manufacturers whose principal operations consist of the extraction or processing of vegetable oils, such as linseed, soya bean, cocoanut, etc. This industry was formerly known as "The Linseed and Soya bean Oil Industry" but the change in name, which now embraces producers of all vegetable oils, was necessitated by the inclusion of the processing of cocoanut oil, peanut oil, rapeseed oil, sunflower oil and mustard seed oil.

In 1948 there were 16 plants in operation, located as follows: Quebec 3, Ontario 6, Manitoba 3, Saskatchewan 2, Alberta 1, and British Columbia 1. These plants furnished employment to 819 persons who were paid \$1,885,451 in salaries and wages. They spent \$51,390,930 for materials and produced goods with a selling value at the factories of \$63,673,373.

Linseed oil is the principal item of production, the output in 1948 amounting to 13,287,866 gallons valued at \$28,153,206. Linseed oilcake and meal totalled 106,722 tons valued at \$7,167,543 and the production of soya bean oil was 12,460 tons valued at \$6,098,343. Other oils amounted to 31,774 tons valued at \$15,392,644.

Compared with the previous year, there was an increase of \$25,325,872 or 66.0 per cent. in the gross value of production and an increase of \$18,621,918 or 56.8 per cent in the cost of materials used. Employment increased by 73 or 9.8 per cent with an increase of \$371,653 or 24.6 per cent in salaries and wages. Volume of production as well as total selling value at works increased in 1948. Compared with 1947 there was an increase of 2,924,915 gallons in the output of linseed oil with a corresponding increase of \$13,491,122 in the selling value. Other oils increased from 42,139 tons to 44,234 tons, an advance of 2,095 tons. Oilcake and meal increased by 26,115 tons and the selling value by \$5,763,988.

Table 1 - PRINCIPAL STATISTICS OF THE VEGETABLE OILS INDUSTRY, 1944-1948

Year	Number of plants	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
1944 .....	11	462	728,586	134,724	10,641,800	13,187,683
1945 .....	13	616	1,032,839	197,227	16,658,320	20,098,109
1946 .....	14	734	1,303,807	252,014	20,441,369	25,453,439
1947 .....	15	746	1,513,798	307,708	32,769,012	38,347,501
1948 .....	16	819	1,885,451	426,314	51,390,930	63,673,373
Per cent change, 1948 from 1947.	..	+9.8	+24.6	+38.6	+56.8	+66.0

Note: Profits or losses cannot be calculated from above figures as data are not available for general expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

Table 2 - PRINCIPAL STATISTICS OF THE VEGETABLE OILS INDUSTRY, BY PROVINCES, 1947 and 1948

Province	Number of plants	Average number of employees	Salaries and wages	Cost of fuel and electricity at works	Cost of materials at works	Gross selling value of products at works
			\$	\$	\$	\$
<u>1 9 4 7</u>						
Quebec .....	3	187	325,677	41,253	6,182,066	6,920,323
Ontario .....	5	371	828,130	190,751	17,008,725	20,452,695
Manitoba .....	3	78	124,599	22,281	1,548,797	1,969,215
Saskatchewan ...	2)					
Alberta .....	1)	110	235,392	53,423	8,029,424	9,005,268
British Columbia	1)					
CANADA ....	15	746	1,513,798	307,708	32,769,012	38,347,501
<u>1 9 4 8</u>						
Quebec .....	3	176	369,451	58,172	8,728,705	13,452,070
Ontario .....	6	443	1,101,165	272,553	26,663,723	32,171,337
Manitoba .....	3	67	124,333	26,056	1,872,997	2,449,979
Saskatchewan ...	2)					
Alberta .....	1)	133	290,502	69,533	14,125,505	15,599,987
British Columbia	1)					
CANADA ....	16	819	1,885,451	426,314	51,390,930	63,673,373

Table 3 - PRODUCTS MANUFACTURED IN THE VEGETABLE OILS INDUSTRY, 1947 and 1948

Table 3 - PRODUCTS MANUFACTURED IN THE VEGETABLE OILS INDUSTRY, 1947 AND 1948					
Product	Unit of measure	1 9 4 7		1 9 4 8	
		Quantity	Selling value at mill \$	Quantity	Selling value at mill \$
Linseed Oil -					
Raw .....	gal.	5,650,674	7,903,598	8,696,253	18,210,836
Boiled .....	gal.	894,542	1,320,948	1,119,267	2,466,692
Special .....	gal.	3,817,735	5,437,538	3,472,346	7,475,678
Total .....	gal.	10,362,951	14,662,084	13,287,866	28,153,206
Soya bean oil .....	ton	12,071	4,391,579	12,460	6,098,343
Other oils, (cocoanut, peanut, rapeseed, sunflower and mustard seed) .....	ton	30,068	11,367,661	31,774	15,392,644
Linseed oilcake and oilcake meal .....	ton	86,116	3,482,908	106,722	7,167,543
Soya bean oilcake and oilcake meal .....	ton	54,484	2,875,864	55,393	4,295,219
Oilcake and oilcake meal, other .....	ton	22,334	893,659	26,934	1,553,657
Linseed or flaxseed meal .....	ton	103	14,113	2,609	198,805
Soap .....	lb.	2,635,242	181,365	1,822,886	166,015
Other products .....	lb.	...	478,268	...	647,941
TOTAL .....	...	...	38,347,501	...	63,673,373

Table 4 - MATERIALS USED IN THE VEGETABLE OILS INDUSTRY, 1947 and 1948

Material	Unit of measure	1 9 4 7		1 9 4 8	
		Quantity	Cost value at mill	Quantity	Cost value at mill
			\$		\$
Flaxseed, Canadian .....	bushel	4,912,358	15,059,737	5,549,552	27,150,741
Soya beans .....	lb.	145,403,296	5,708,435	146,981,810	8,451,664
Peanuts, copra, rapeseed, sunflower and mustard seed .....	lb.	111,521,684	11,064,703	127,647,559	14,673,307
Sulphuric acid .....	lb.	498,431	10,031	156,693	3,739
Fullers' earth .....	lb.	27,043	271	145,325	1,752
Caustic soda .....	lb.	159,533	6,504	86,428	3,801
Caustic potash .....	lb.	219,493	16,154	146,976	9,550
Driers .....	gal.	29,380	36,024	38,857	76,203
Celite .....	lb.	111,850	4,032	101,350	3,567
Filtrol .....	lb.	707,364	28,310	592,624	22,637
Press cloth .....	lb.	58,375	70,860	37,169	36,902
Filter cloth .....	Yd.	17,588	13,683	14,072	11,920
Containers, etc. ....	...	...	594,512	...	809,786
All other materials .....	...	...	155,756	...	135,361
TOTAL .....	...	...	32,769,012	...	51,390,930

Table 5 - IMPORTS OF PRODUCTS MADE OR USED BY THE VEGETABLE OILS INDUSTRY, 1947 and 1948

Item	Unit of measure	1 9 4 7		1 9 4 8	
		Quantity	Value	Quantity	Value
			\$		\$
Flaxseed or linseed oil, boiled or raw ..	cwt.	2,873	92,996	897	35,779
Flaxseed .....	bushel	832	6,183	14,771	162,081
Linseed oilcake and meal .....	cwt.	...	...	3,000	10,562
Cottonseed oilcake and meal .....	cwt.	3,280	18,898	...	...
Cottonseed and crude cottonseed oil .....	cwt.	49,321	1,451,555	120,758	3,368,242
Soya bean oilcake and meal .....	cwt.	919,041	3,248,203	47,341	176,812
Cocanut oil, not edible .....	cwt.	25,767	414,813	52,438	1,283,407
Rapeseed oil .....	cwt.	17	670	5	210
Sunflower seed oil .....	cwt.	329,480	10,442,176	288	9,681
Palm oil, not edible .....	cwt.	141,775	1,279,094	180,191	2,799,458
Peanut oil, not edible .....	cwt.	89,866	2,216,807	225,599	4,713,749
Vegetable oils, n.o.p., not edible .....	cwt.	5,497	157,409	1,106	32,248
Soya bean oil, for manufacturing purposes	cwt.	1,278	26,993	1,288	26,696
Soya beans .....	lb.	87,433,636	5,002,654	86,717,865	4,937,216

Table 6 - EXPORTS OF PRODUCTS MADE OR USED BY THE VEGETABLE OILS INDUSTRY, 1947 and 1948

Item	Unit of measure	1 9 4 7		1 9 4 8	
		Quantity	Value	Quantity	Value
			\$		\$
Flaxseed or linseed oil .....	gal.	1,374,866	3,133,277	5,212,366	11,899,469
Oils, vegetable, n.o.p., not edible	gal.	242,359	508,210	715,608	1,267,001
Flaxseed for sowing .....	bushel	194,201	1,239,073	248,530	1,678,995
Flaxseed, n.o.p. ....	bushel	2,092	15,746	4,307,199	23,483,732
Oilcake and oilcake meal .....	cwt.	14,524	43,635	841,733	2,924,783





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## Vegetable Oils

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Table 7 - EMPLOYEES, SALARIES AND WAGES IN THE VEGETABLE OILS INDUSTRY, BY PROVINCES, 1947 and 1948

Province	Average Number of Employees					Salaries	Wages	TOTAL
	On Salaries		On Wages		Total			SALARIES and WAGES
	Male	Female	Male	Female				
						\$	\$	\$
<u>1 9 4 7</u>								
Quebec .....	20	9	155	3	187	73,201	252,476	325,677
Ontario .....	65	17	287	2	371	247,169	580,961	828,130
Manitoba .....	10	2	65	1	78	27,076	97,523	124,599
Saskatchewan ...)								
Alberta .....	16	9	85	...	110	68,164	167,228	235,392
British Columbia)								
CANADA ....	111	37	592	6	746	415,610	1,098,188	1,513,798
<u>1 9 4 8</u>								
Quebec .....	17	9	149	1	176	69,069	300,382	369,451
Ontario .....	99	21	321	2	443	330,416	770,749	1,101,165
Manitoba .....	15	1	51	...	67	36,657	87,676	124,333
Saskatchewan ...)								
Alberta .....	19	15	99	...	133	89,718	200,784	290,502
British Columbia)								
CANADA ....	150	46	620	3	819	525,860	1,359,591	1,885,451

DIRECTORY OF FIRMS INCLUDED IN THE VEGETABLE OILS INDUSTRY - 1948

Name of Firm	Location of Plant
<u>Quebec -</u>	
The Canada Linseed Oil Mills Limited	2210 Notre Dame St. E., Montreal
The Dominion Linseed Oil Co. Limited	837 Mill St., Montreal
The Sherwin-Williams Co. of Canada Ltd.	2875 Centre St., Montreal
<u>Ontario -</u>	
The Canada Linseed Oil Mills, Limited	40 Wabash Avenue, Toronto
Canadian Vegetable Oils Limited	Victoria Avenue, Hamilton
The Dominion Linseed Oil Co. Limited	Baden
Edible Oils Limited	Fort William
Toronto Elevators, Limited, (Oil Crushing Division)	Queen's Quay, Toronto
Victory Mills Limited	285 Fleet St. E., Toronto
<u>Manitoba -</u>	
Co-operative Vegetable Oils, Limited	Altona
The Dominion Linseed Oil Co. Limited	830 Archibald St., St. Boniface
The Sherwin-Williams Co. of Canada Ltd.	110 Sutherland Avenue, Winnipeg
<u>Saskatchewan -</u>	
Prairie Vegetable Oils, Limited	423 Selwyn St. E., Moose Jaw
Sask. Co-operative Producers Limited	33rd Street, Saskatoon
<u>Alberta -</u>	
The Alberta Linseed Oil Co. Limited	Medicine Hat
<u>British Columbia -</u>	
B.C. Vegetable Oils, Limited	Foot Dunlevy Avenue, Vancouver