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Historical File Capy

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DOMINION BUREAU OF STATISTICS - CANADA

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Mining, Metallurgical and Chemical Branch

THE FERTILIZER INDUSTRY IN CANADA, 1930.

Production from plants in Canada engaged primarily in the manufacture of complete fertilizers amounted in value to \$2,504,573 in 1930, according to a report just issued by the Dominion Bureau of Statistics at Ottawa. In addition, fertilizer materials such as calcium cyanamide, ammonium sulphate, animal tankage, ground bone and fish fertilizers were made in factories classified under other industries; in 1950 the production value of these commodities totalled \$7,561,917 as compared with a corresponding figure of \$12,090,760 in 1929.

Only 14 plants in Canada produced complete fertilizers as their major product during 1930; 6 were in Ontario, 2 in Nova Scotia, 3 in British Columbia, 2 in Quebec, and 1 in New Brunswick. Capital employed in these plants amounted to \$4,139,498 and the average number of persons employed for the year was 261. Payments in salaries and wages totalled \$262,928 and materials used in manufacture cost \$1,647,478.

Complete mixed fertilizer was the major product of the industry. In 1930, production amounted to 73,092 tons worth \$2,317,888 or 93 per cent of the total output of the industry. Superphosphate was manufactured by only one concern in Canada but was made in three different plants, one in New Westminster, one in Hamilton, and one in Beloeil; the latter two units commenced operations during 1930.

Production of complete fertilizer by firms in other industries amounted to 5,066 tons worth \$230,338 while ammonium sulphate, syanamide, animal tankage, fish fertilizer and ground bone, used extensively as a fertilizer, were also produced by concerns classified in other industries. Table 5 of this bulletin gives the production in the fertilizer industry as classified for statistical purposes, and Table 6 shows the output from other industries.

Imports and exports of fertilizer materials are shown in Table 7.

The Bureau has made a special survey of the Fertilizer Trade in Canada for the year ended June 30, 1930. This bulletin gives details of actual sales in Canada by classes and by provinces, and may be obtained free upon request to the Dominion Bureau of Statistics at Ottawa.

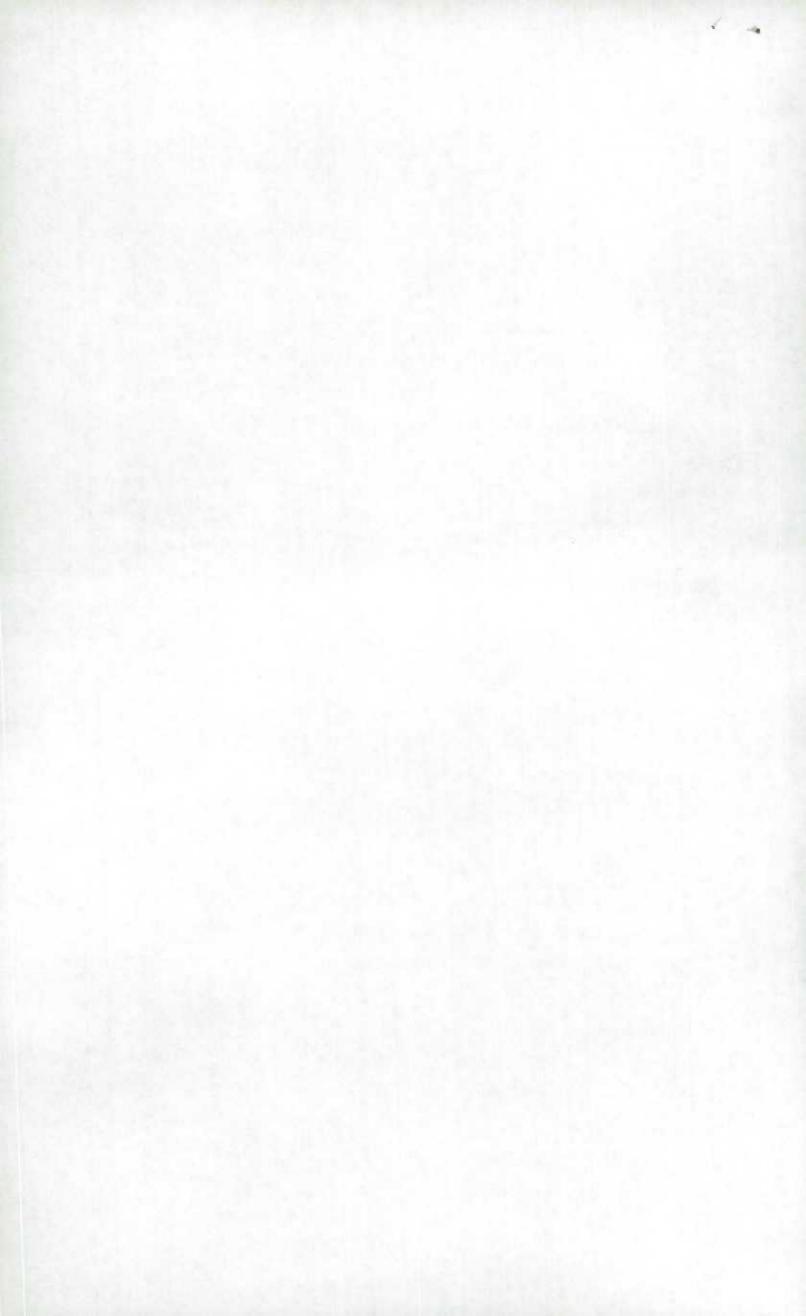


Table 1 - PRINCIPAL STATISTICS OF THE FERTILIZERS INDUSTRY IN CANADA, 1926-1930.

				Average			Selling	
	No. o: plant:		Capital employed	number of employees	Salaries and wages	Cost of materials at works	value of products at works	Value added by manu- facturing
			9		\$	\$	Ç	\$
1926		12.	1,891,054	221	210,427	1,047,641	1,449,589	401,948
1927		12	1,998,811	233	224,564	1,200,030	1,844,032	644,002
1928			2,131,905	5 251	281,109	1,446,800	2,189,986	743,186
1929		12	2,991,783	3 251	265,650	1,450,253	2,258,780	808,527
Ontario		6	1,936,248	3 128	139,270	939,827	1,580,159	640,332
British Columb		3	331,167		51,161	158,830	249,379	90,499
CANADA(x)	14	4,139,498	3 261	262,928	1,647,478	2,504,573	857,095
								-

(x) Includes also data for 2 plants in Nova Scotia, 2 in Quebec, and 1 in New Brunswick.

Table 2 - EMPIDYEES, SALARIES AND WAGES, BY PROVINCES, 1929 and 1930.

	Aver	age numb	er of	employee	Salaries and wages			
Provinces	On sa	laries	On w	ages				
	Male	Female	Male	Female	Total	Salaries	Wages	Total
1929						\$	\$	\$
ntario	17	8	95	440	120	51,357	94,231	145,588
British Columbia	7	• •	28	• • •	35	13,572	32,558	46,130
CANADA(x)	36	11	204	•••	251	81,767	183,883	265,650
1,30								
ntari	18	13	97		128	59,387	79,883	139,270
ritish Columbia	13	1	27	***	41	20,372	30,789	51,161
CANADA(X)	40	16	205		261	94,958	167,970	262,928

(x) Includes also data for 2 plants in Nova Scotia, 2 in Quebec, and 1 in New Brunswick.

Table 3 - FUEL AND ELECTRICITY USED, 1929 and 1930.

1 9	2 9	1	9 3 0	
Quantity	Value	Quantity	Value	
	\$		35	
75	795	10	140	
502	2,648	511	3,143	
877	4,470	703	4,572	
3	33	3	33	
500	127	610	128	
		18	279	
100	300		***	
365,348	9,013	575,075	10,594	
• • •	17,386	• • •	18,889	
	Quantity 75 502 877 3 500 100 365,348	Quantity Value 75 795 502 2,648 877 4,470 3 33 500 127 100 300 365,348 9,013	Quantity Value Quantity 75 795 10 502 2,648 511 877 4,470 703 3 33 3 500 127 610 18 100 300 365,348 9,013 575,075	Quantity Value Quantity Value 75 795 10 140 502 2,648 511 3,143 877 4,470 703 4,572 3 33 3 33 500 127 610 128 18 279 100 300 365,348 9,013 575,075 10,594

	1	9 2 9	1 9 3 0		
Kinds		Total h.p. according to manufacturers' rating	Number of units	Total h.p. according to manufacturers' rating	
Steam engines and steam turbines	•••	•••	1	30	
engines	1	23	2	38	
Total primary power	1	23	3	68	
Electric motors operated by purchased power	42	650	73	1,311	
Total power employed	43	673	76	1,379	
Total electric motors	. 42	650	73	1,311	
Boilers	. 4	380	2	70	

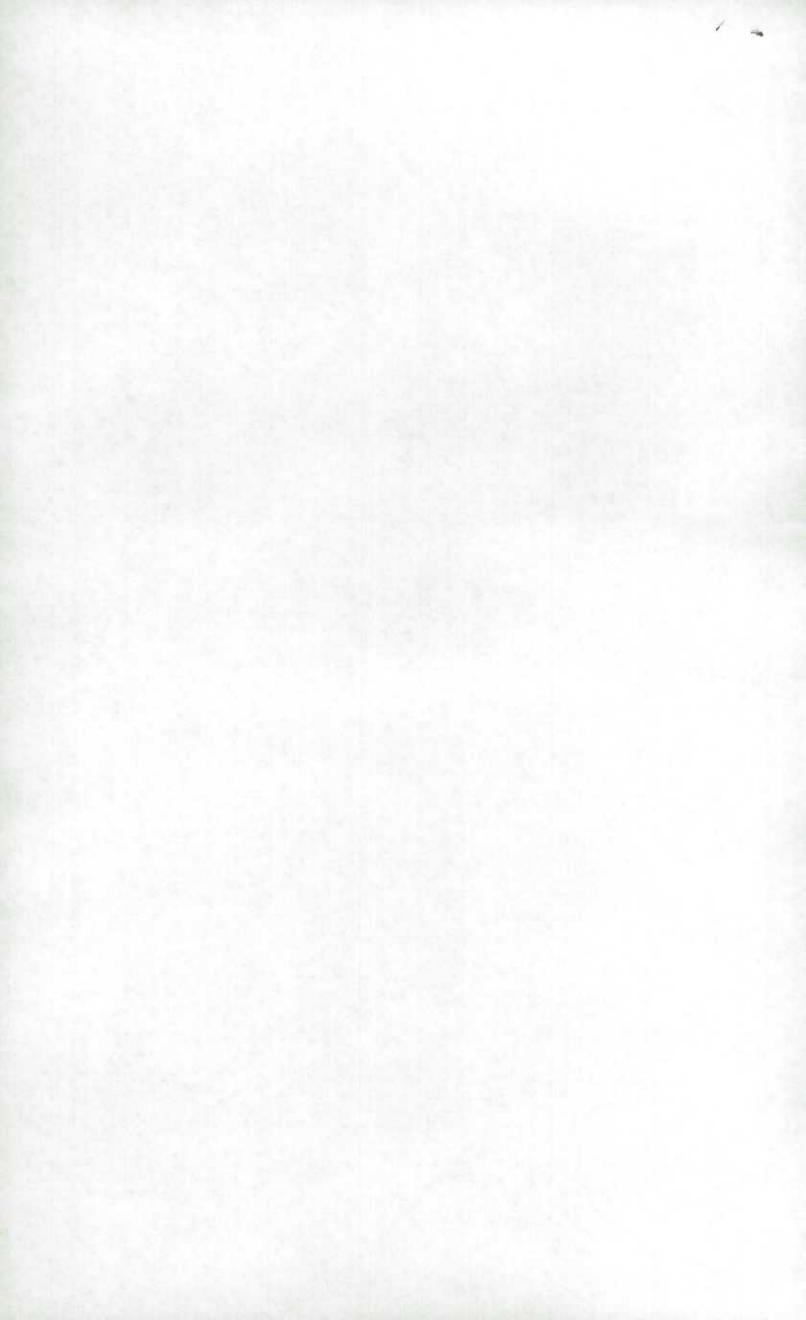


TABLE 5 - PRODUCTS OF THE FERTILIZERS INDUSTRY IN CANADA, 1929 and 1930.

		1 9 2 9		1 9 3 0		
Products made	Unit of		Selling value		Selling value	
	measure	Quantity	at works	Quantity	at works	
			\$		\$	
complete fertilizer	ton	48,436	2,113,146	73,092	2,317,888	
ll other products(x)			145,634	• • •	186 685	
TOTAL		•••	2,258,780	•••	2,504,573	

(x) Includes superphosphate, bone meal, etc.

Table 6 - PRODUCTION OF FERTILIZERS AND FERTILIZER MATERIALS IN OTHER INDUSTRIES, 1929 and 1930.

			1	9 2 9	1	9 3 0
Industry	Product	Unit of measure	Quan- tity	Selling value at works	Quan- tity	Selling value at works
Cyanamide Slaughtering an	- Calcium cyanam	ideton	252,005	8,665,097	165,516	\$ 5 ,532,14 5
Mest Packing	- Animal tankage Bone, raw, gro Complete ferti	undton	14,682 3,552 24,828	751,298 176,797 910,421	12,043 3,955 3,566	572,774 163,881 169,338
Fisheries	- Herring fertil Whale fertiliz Other fish fer	izerbbl.	82,541 779 3,543	87,045 45,635 85,522	102,792 581 390	83,192 29,050 14,120
Coke and Gas Adhesives	- Ammonium sulph - Complete ferti	ateton	34,141	1,293,953 75,000	23,893 1,500	936,417 61,000
	TOTAL			12,090,768	•••	7,561,917

Table 7 - IMPORTS INTO CANADA AND EXPORTS OF FERTILIZER MATERIALS, CALENDAR YEARS 1929

and 1	930.			
Unit of	1	9 2 9	1	9 3 0
measure	Quantity	Value	Quantity	Value
		\$		Ş
MPORTS				
Tankageton	1,506.	57,307	2,593	53,465
Sone dust charmed house home set home		01,001	2,000	00,100
Sone dust, charred bone, bone ash, bone meal, and bone flourton	2,416	152,918	2,057	123,122
ish offal or refuseton	774	15,143	986	11,503
umnonium sulphateton	1,723	80,019	3,423	137,607
asic slag, crushed or groundton	13,626	181.028	9,556	104,934
yanamideton	132	181,028	295	16,820
ainite and other German potash saltston	603	7,199 611,121	2,668 34,281	62,565
otash, muriate of, crudeton	17,001	611,121	34,281	1,246,638
otash, sulphate of, crudeton	903	43,277	2,069	96,094
oda, nitrate ofton	33,878	1,419,647	31,809	1,280,471
uperphosphateton	97,925	1,147,839	127,891	1,393,862
ertilizers, compounded or manufactured, n.o.pton	43,517	1,114,518	63, 259	1,621,257
PORTS				
ankage	13,765	614,921	11,156	410,109
one dust and mealton				
ish mealton	16,223	826,260	16,133	884,430
ish offal or refuseton	1,470	64,772	930	36,596
mmonium sulphate	24,489	909,510	12,010	386,710
yanamideton	192,929	6,436,519	154,224	5,005,809
Fertilizers, manufacturedton	4,289	106,695	5,707	213,881

DIRECTORY OF FIRMS INCLUDED IN THE FERTILIZERS INDUSTRY, 1930.

Colonial Fertilizer Company Windsor, N.S. Halifax, N.S.
Saint John, N.B.
Montreal, P.Q.
Beloeil, P.Q.
Chatham, Ont.
Hamilton, Ont.
West Toronto, Ont. Canadian Industries Limited St. John Fertilizer Company Arthur Laviguere Canadian Industries Limited Canadian Fertilizer Company, Ltd. Canadian Industries Limited Contario Fertilizers Limited Ontario Fertilizers Limited Welland, Ont. Ingersoll, Ont. Scottish Fertilizers Limited William Stone Sons, Limited Witts Fertilizer Works Norwich Junction, Ont. Globe Fertilizer Co. Limited Vancouver, B.C. New Westminster, B.C. Canadian Industries Limited Fertilizer Products Limited Vancouver, B.C.

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