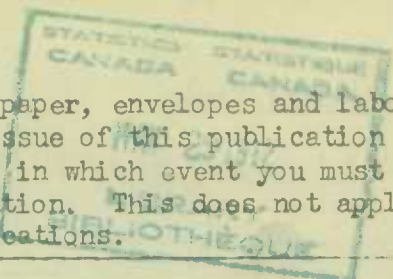


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3



There must be a reduction and more economical use of paper, envelopes and labour in respect of the free mailing list. This is the last issue of this publication you will receive unless you desire to have it continued, in which event you must advise this Bureau and give the reason for such continuation. This does not apply to copies going to paid-up subscribers or exchange publications.

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DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
MINING, METALLURGICAL AND CHEMICAL BRANCH
OTTAWA - CANADA

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THE FERTILIZER TRADE IN CANADA

JULY 1, 1941-JUNE 30, 1942

PRODUCTION - Production of fertilizers and of fertilizer materials totalled 701,681 short tons during the fertilizer year ended June 30, 1942, compared with 590,085 short tons during the preceding twelve months. These totals do not include calcium cyanamide, the figures for which are not available for publication. The 1942 total is made up of 357,786 short tons of mixtures and 343,895 short tons of materials, as compared with 302,322 tons of mixtures and 287,763 tons of fertilizer materials produced during the same period in 1940-41.

To secure these data, schedules were mailed to vendors whose names were supplied by the Fertilizer Division of the Federal Department of Agriculture. In order to avoid duplication, each company reporting was furnished with a list of vendors and instructed to omit sales to manufacturers or dealers named thereon.

IMPORTS - Imports of fertilizers amounted to 387,023 tons against 302,885 tons imported during the preceding fertilizer year. The larger items in the list of imports included superphosphate, amounting to 65,130 tons; natural phosphate rock, 237,064 tons; muriate of potash, 44,009 tons; potash manure salts and kainite 16,493 tons; nitrate of soda, 13,670 tons; and sulphate of potash, 4,856 tons.

EXPORTS - Exports totalled 180,536 tons (excluding calcium cyanamide) and were made up of 138,632 tons of materials and 41,904 tons of mixtures. The principal items exported were sulphate of ammonia, 69,214 short tons; ammonium phosphate, 38,736 tons, and superphosphate, 28,726 short tons.

SALES - Sales of fertilizer materials and of mixed fertilizers, including exports but excluding calcium cyanamide, totalled 607,679 short tons compared with 488,294 tons during the preceding twelve months. Sales of fertilizer materials at 79,732 short tons rose 6.9 per cent and the sales of mixed fertilizers increased 39 per cent to 347,411 short tons. Only three provinces, namely, Prince Edward Island, Nova Scotia and Saskatchewan purchased less materials than in the previous year. The other provinces showed increased sales; the largest increase was in Quebec where a rise of 30 per cent was reported. Ontario sales were up 21 per cent. All provinces purchased more mixed fertilizers than in the previous year.

Fertilizer Trade

- 2 -

Table 1 - SALES OF FERTILIZER MATERIALS AND MIXED FERTILIZERS FOR THE FERTILIZER YEARS ENDED JUNE 30, 1941 and 1942 (Short tons)

Provinces	Fertilizer Materials			Mixed Fertilizers		
	1941	1942	Percentage increase + decrease -	1941	1942	Percentage increase + decrease -
Prince Edward Island	11,934	6,690	- 43.9	11,041	15,866	+ 43.7
Nova Scotia	6,283	5,721	- 8.9	21,672	27,104	+ 25.1
New Brunswick	9,149	10,618	+ 16.1	24,240	33,813	+ 39.5
Quebec	11,810	15,424	+ 30.6	76,516	94,718	+ 23.8
Ontario	21,340	25,821	+ 21.0	105,593	164,559	+ 55.8
Manitoba	2,222	2,788	+ 25.4	263	1,058	...
Saskatchewan	2,548	2,285	- 11.0	593	344	...
Alberta	3,519	4,325	+ 22.9	412	481	...
British Columbia ...	5,729	6,060	+ 5.7	9,332	9,468	+ 1.5
CANADA	74,534	79,732	+ 6.9	249,667	347,411	+ 39.2
Exported	*129,589	*138,632	+ 6.9	34,504	41,904	+ 21.5
GRAND TOTAL	*204,123	218,364	+ 6.9	284,171	389,315	+ 37.0

* Does not include calcium cyanamide.

Table 2 - PRODUCTION IN CANADA, IMPORTS AND EXPORTS OF FERTILIZERS, AS REPORTED BY THE MANUFACTURERS AND IMPORTERS DURING THE YEARS ENDED JUNE 30, 1941 and 1942 (Short tons)

Items	1 9 4 1			1 9 4 2		
	Manu- factured	Imported	Exported	Manu- factured	Imported	Exported
Mixed fertilizers	302,322	15	34,504	357,786	35	41,904
Sulphate of ammonia ...	95,997	4,755	62,276	108,041	50	69,214
Calcium nitrate .....	...	...	...	...	...	...
Nitrate of soda .....	...	10,093	274	...	13,670	356
Superphosphate (1)	127,672	63,032	16,790	176,634	65,130	28,726
Basic slag .....	...	...	...	...	...	...
Nitrochalk .....	...	...	...	...	...	...
Natural phosphate rock.	...	159,978	...	...	237,064	...
Bone meal or bone flour	935	85	7	1,078	...	4
Muriate of potash .....	...	52,876	39	...	44,009	344
Sulphate of potash ....	...	4,418	...	...	4,856	...
Potash manure salts and kainite .....	...	1,248	...	...	16,493	...
Tankage	2,194	1,185	421	3,474	1,480	880
Sheep manure .....	...	539	...	...	460	...
Dried blood	952	...	15	887	...	...
Whale products	573	...	...	849	...	322
Fish meal .....	...	...	...	...	...	...
Ammonium phosphate	59,300	1,200	49,765	52,730	...	38,786
Soya bean meal .....	...	...	...	...	...	...
Other materials	142	3,461	2	202	3,776	...
TOTAL (2)	590,085	302,885	164,093	701,681	387,023	180,536

(1) Contains 16%, 18%, 20%, 45% and 48% superphosphate.

(2) Does not include calcium cyanamide.

Table 3 - SALES OF FERTILIZERS, EXCEPT FOR MANUFACTURING PURPOSES, DURING THE YEAR ENDED JUNE 30, 1942
(Short tons)

Fertilizers	P.E.I.	N.S.	N.B.	Que.	Ont.	Man. Sask. Alta.	B.C.	Total sold in Canada	Exported from Canada
Nitrate of soda	358	2,739	1,158	258	675	12	242	5,442	356
Sulphate of ammonia	477	589	2,815	2,613	4,244	187	1,356	12,281	69,214
Calcium cyanamide .....	...	32	6	9	727	...	38	814	(x)
Nitrochalk .....	...	...	...	...	...	...	...	...	...
Calcium nitrate .....	...	...	...	...	...	...	...	...	...
Superphosphate	4,118	2,092	5,161	11,672	14,376	317	894	38,630	28,726
Natural phosphate rock .....	...	...	...	115	9	...	20	144	...
Basic slag .....	...	...	...	4	...	...	...	4	...
Bone meal or bone flour	3	62	6	45	360	97	431	1,004	4
Bone phosphate .....	...	...	...	...	...	...	...	...	...
Muriate of potash	1,734	161	1,459	272	1,491	30	272	5,419	344
Sulphate of potash .....	...	2	...	2	56	1	61	122	...
Potash manure salts and kainite .....	...	...	...	...	...	33	...	33	...
Tankage .....	...	...	5	...	679	260	366	1,310	830
Sheep manure .....	...	40	2	189	360	15	45	651	...
Dried blood .....	...	...	...	2	93	88	310	493	...
Whale products .....	...	...	...	...	...	...	424	424	322
Fish meal .....	...	...	6	...	1	...	277	284	...
Ammonium phosphate .....	...	3	...	25	2,025	3,345	1,080	11,478	38,786
Other fertilizer materials .....	...	...	...	218	723	13	244	1,198	...
TOTAL FERTILIZERS	6,690	5,721	10,618	15,424	25,821	9,398	6,060	79,732	...
Total mixed fertilizers	15,866	27,104	33,813	94,718	164,559	1,883	9,468	347,411	41,904
GRAND TOTAL, 1942	22,556	32,825	44,431	110,142	190,380	11,281	15,528	427,143	...
GRAND TOTAL, 1941	22,975	27,955	33,389	88,326	126,953	9,562	15,061	324,201	...

(x) Not available for publication.

Fertilizer Trade

103

Fertilizer Trade

Table 4 - MIXED FERTILIZERS SOLD DURING THE YEAR ENDED JUNE 30, 1942 (Short tons)

Kind	Export- ed from Canada	P.E.I.	N.S.	N.B.	Quebec	Ontario	Man., Sask., Alta.	B.C.	TOTAL SALES
MIXED FERTILIZERS-									
N	P ₂ O ₅	K ₂ O							
0	10	16	...	...	...	...	...	727	727
0	12	6	352	...	...	7	18,139	...	18,498
0	12	10	...	...	...	21	8,860	...	8,881
0	12	15	...	...	...	...	1,391	...	1,391
0	16	6	8	6	54	15	4,201	444	4,728
0	16	10	...	...	...	66	2	...	68
2	8	10	...	...	...	...	625	...	625
2	8	16	...	...	...	3	787	...	790
2	8	24	...	...	...	...	90	...	90
2	10	8	...	...	...	...	21,877	...	21,877
2	12	6	268	3,256	8,555	7,756	43,028	60,976	123,839
2	12	8	...	...	...	...	1,249	...	1,249
2	12	10	25	...	...	...	11,431	19,763	31,386
2	16	6	1	...	...	...	769	3,084	4,343
2	20	0	...	...	...	...	17	892	936
3	8	15	...	...	...	...	180	...	180
3	10	4	70	...	...	...	...	...	70
3	10	5	...	...	...	...	682	...	682
3	10	8	...	...	...	...	5	4,530	4,578
3	12	8	...	...	...	...	235	...	235
4	8	6	...	...	...	...	2	1,651	1,653
4	8	7	89	...	...	...	...	...	89
4	8	10	7,006	9,752	6,987	11,135	30,678	15,605	81,985
4	9	4	...	...	...	...	189	...	189
4	10	10	7	30	...	...	...	10	4,629
4	11	10	...	200	...	...	...	...	200
4	12	4	...	...	...	15	65	380	475
4	12	6	7	62	94	138	743	1,349	2,396
4	12	8	...	...	...	...	10	80	90
4	24	12	...	...	...	...	838	...	838
5	8	7	...	...	...	...	716	1,073	1,789
5	8	10	10,992	...	65	5,403	969	...	17,429
5	8	12	7,017	847	248	6,161	776	...	15,049
5	9	8	3,040	1,565	3,335	2,601	2	...	10,543
5	10	5	422	148	5,138	525	1	2	6,743
6	7	4	...	...	...	...	...	76	76
6	7	6	31	...	...	...	14	2	1,197
6	10	10	...	...	...	...	...	1,047	1,047
6	10	14	643	...	...	...	...	...	643
6	12	18	166	...	...	...	...	...	166
6	30	15	9	...	...	...	...	557	566
7	5	2	13	...	3	...	40	149	205
7	5	8	...	...	...	...	...	66	66
7	13	16	2,992	...	...	...	...	...	2,992
8	5	0	...	...	...	...	...	60	85
8	16	14	350	...	...	...	...	...	350
8	16	16	385	...	...	...	...	...	385

Table 4 - MIXED FERTILIZERS SOLD DURING THE YEAR ENDED JUNE 30, 1942 (Short tons)
(Short tons)

Kind	Export- ed from Canada	P.E.I.	N.S.	N.B.	Quebec	Ontario	Man., Sask., Alta.	B.C.	TOTAL SALES
MIXED FERTILIZERS-									
N	P ₂ O ₅	K ₂ O							
8 16 20	5,769	...	...	...	...	...	...	...	5,769
9 5 7	23	...	2,618	64	546	136	...	...	3,292
9 10 0	...	...	...	...	...	...	15	75	90
10 6 4	...	...	...	...	13	43	...	...	56
10 8 4	65	...	...	...	...	...	...	...	65
10 8 5	44	...	7	...	...	...	...	...	51
10 12 16	159	...	...	...	...	...	...	...	159
12 4 8	1,395	...	...	...	1	15	...	...	1,411
15 6 10	314	...	...	...	...	...	...	...	314
19 1 1	168	...	...	...	...	...	...	...	168
Other									
Mixtures -	69	...	...	...	196	466	49	12	792
TOTAL ..	41,904	15,866	27,104	33,813	94,718	164,559	1,883	9,468	389,315

Table 5 - NITROGEN, PHOSPHORIC ACID AND POTASH CONTAINED IN MIXED FERTILIZERS SOLD DURING THE YEARS ENDED JUNE 30, 1941 and 1942

Provinces	Total tonnage tons	Nitrogen lb.	Phosphoric acid lb.	Potash lb.
<u>1 9 4 1</u>				
Prince Edward Island ...	11,041	830,440	1,978,080	1,997,480
Nova Scotia	21,672	1,676,480	4,284,580	3,066,880
New Brunswick	24,240	2,045,840	4,282,780	4,508,640
Quebec	76,516	4,418,920	15,935,780	12,488,640
Ontario	105,593	4,104,180	23,621,280	16,029,260
Manitoba	263	13,540	91,640	5,640
Saskatchewan	598	24,280	236,940	1,720
Alberta	412	19,200	151,260	2,760
British Columbia	9,332	744,460	1,974,100	1,715,600
TOTAL CANADA	249,667	13,877,340	52,556,440	39,816,620
Exported from Canada ...	34,504	3,963,440	7,036,060	8,530,000
GRAND TOTAL	284,171	17,840,780	59,592,500	48,346,620
<u>1 9 4 2</u>				
Prince Edward Island ...	15,866	1,189,760	2,855,380	2,863,760
Nova Scotia	27,104	2,260,340	5,152,160	3,929,380
New Brunswick	33,813	2,699,400	6,114,380	6,214,140
Quebec	94,718	5,183,540	20,636,440	15,155,620
Ontario	164,559	6,363,920	36,812,100	24,837,540
Manitoba	1,058	75,120	227,100	163,080
Saskatchewan	344	14,160	135,280	1,920
Alberta	481	30,680	156,300	7,800
British Columbia	9,468	805,020	2,108,340	1,820,140
TOTAL CANADA	347,411	18,621,940	74,197,480	54,993,380
Exported from Canada ...	41,904	5,358,680	8,087,460	10,012,840
GRAND TOTAL	389,315	23,980,620	82,284,940	65,006,220

Fertilizer Trade

Table 6 - NITROGEN, PHOSPHORIC ACID AND POTASH CONTAINED IN FERTILIZER MATERIALS SOLD IN CANADA, DURING THE YEARS ENDED JUNE 30, 1941 and 1942

Provinces	Total tonnage tons	Nitrogen lb.	Phosphoric acid lb.	Potash lb.
<u>1 9 4 1</u>				
Prince Edward Island ...	11,934	433,880	3,273,920	2,587,400
Nova Scotia	6,283	1,229,240	1,083,520	79,440
New Brunswick	9,149	863,220	2,187,580	1,295,000
Quebec	11,810	413,300	3,945,360	512,720
Ontario	21,340	1,276,760	6,886,720	3,065,260
Manitoba	2,222	494,400	2,080,040	1,400
Saskatchewan	2,548	542,880	2,284,900	2,400
Alberta	3,519	767,420	2,768,160	960
British Columbia	5,729	954,160	1,420,680	443,260
TOTAL CANADA	74,534	6,975,260	25,930,880	7,987,840
Exported from Canada ...	(x)	111,004,160	35,804,880	40,200
GRAND TOTAL	(x)	117,979,420	61,735,760	8,028,040
<u>1 9 4 2</u>				
Prince Edward Island ...	6,690	305,480	1,653,020	1,734,000
Nova Scotia	5,721	1,128,860	877,660	166,120
New Brunswick	10,618	1,501,840	2,069,840	1,459,440
Quebec	15,424	1,172,660	4,824,420	277,900
Ontario	25,821	2,877,840	8,304,480	1,743,960
Manitoba	2,788	616,140	2,611,020	1,240
Saskatchewan	2,285	493,620	2,129,320	...
Alberta	4,325	886,960	3,321,020	30,020
British Columbia'	6,060	1,101,260	1,961,620	341,860
TOTAL CANADA	79,732	10,084,660	27,822,400	5,754,540
Exported from Canada ...	(x)	80,125,600	40,700,060	344,000
GRAND TOTAL	(x)	90,210,260	68,522,460	6,098,540

(x) Not available for publication.

Table 7 - REPORTING COMPANIES, 1941-1942

Nature of trade (x)	Names	Addresses
m.m.f.; i.	Agricultural Chemicals, Ltd.	Port Hope, Ont.
m.s.a.; e.	Algoma Steel Corporation, Ltd.	Sault Ste. Marie, Ont.
d.	Brackman-Kerr Milling Co.	Box 920, New Westminster B.C.
m.m.f.; i.	Buckerfield's, Limited	Vancouver, B.C.
m.o.	Burns, P. and Company	Calgary, Alta.
m.o.; e.	Burns, P. and Company	Edmonton, Alta.
m.o.	Burns, P. and Company	Regina, Sask.
m.o.; e.	Burns, P. and Company	Winnipeg, Man.
m.m.o.; i.	Burns, P. and Company	Vancouver, B.C.
m.m.f.; i.	Canada Packers Limited	West Toronto, Ont.
m.m.f.; o.; i.	Canada Packers Limited	Montreal, Que.
m.m.f.; i.; e.	Canada Packers Limited	Saint John, N.B.

Table 7 - REPORTING COMPANIES, 1941-1942 (Concluded)

Nature of trade(x)	Names	Addresses
m.m.f.; s.p.; i.; e.	Canadian Industries, Limited	Montreal, Que., Plants at Halifax, N.S.; Beloeil, Que.; Montreal, Que.; Chatham, Ont.; Hamilton, Ont. and New Westminster, B.C.
m.m.f.; i.; e.	Colonial Fertilizer Co. Ltd.	Windsor, N.S.
m.m.f.; a.p.; s.p.; s.a.; e.; i.	Consolidated Mining & Smelting Co. of Canada, Ltd.	Trail, B.C.
m.o.	Consolidated Whaling Corp.	Victoria, B.C.
m.m.f.; i.	Cornwallis Fertilizer Company	Port Williams, N.S.
m.s.a.	Dominion Steel & Coal Corp. Ltd.	Sydney, N.S.
m.o.; e.	Dumart's Limited	Kitchener, Ont.
m.o.	Gainers Limited	South Edmonton, Alta.
i.	George, W. J., Company	120 King St. E., Toronto, Ont.
m.m.f.; o.; i.	The Globe Fertilizer Co.	Vancouver, B.C.
m.s.a.	Hamilton By-Product Coke Ovens, Ltd.	Hamilton, Ont.
m.o.	Harris, W. Co., Limited	200 Keating St., Toronto, Ont.
	International Agricultural Corp.	708 Stock Exchange Bldg., Buffalo, N.Y., U.S.A.
m.m.f.; i.	International Fertilizers, Ltd.	71 St. Peter St., Quebec, Que.
m.m.f.; i.; e.	International Fertilizers, Ltd.	Saint John, N.B.
m.m.f.; i.; e.	Island Fertilizer Co., Ltd.	Charlottetown, P.E.I.
d.	King Calcium Products	Campbellville, Ont.
d.; i.	Lincoln Supply Co.	St. Catharines, Ont.
d.	MacDonald, Kenneth & Sons	Ottawa, Ont.
d.	Manchester Products	Galt, Ont.
	Milwaukee Sewerage Commission	Milwaukee, Wis., U.S.A.
m.m.f.	Misner, J. H. Ltd.	Port Dover, Ont.
m.s.a.	Montreal Coke Manufacturing Co.	P.O. Box 1660, Montreal, Que.
m.m.f.; i.	National Fertilizers (William Stone Sons, Ltd.)	Ingersoll, Ont.
d.	New Brunswick Agricultural Societies	East Centreville, N.B.
m.o.; e.; i.	North American Cyanamid Co.	Niagara Falls, Ont.
m.o.	Schneiders Limited, J. M.	321 Courtland Ave. E., Kitchener, Ont.
m.m.f.; i.	Scottish Fertilizers Ltd.	Welland, Ont.
m.s.a.	Steel Company of Canada, Ltd.	Hamilton, Ont.
m.m.f.; i.; e.	Summers Fertilizer Co., Ltd.	St. Stephen, N.B.
m.m.f.; o.	Swift Canadian Company, Limited	Keel & St. Clair, West Toronto, Ont.
m.m.f.; i.	Toronto Chemical & Fertilizer Co.	117 St. Johns Rd., Toronto,
m.m.f.; i.	United Farmers' Co-operative Co. Limited	Toronto, Ont. Ont.
m.m.f.; i.	Witts Fertilizer Works	Norwich, Ont.
m.m.f.; i.	Young, Gordon	166-Keating St., Toronto, Ont.

NOTE: For footnotes see Page 8.



FOOTNOTES to Table 7

- (x) m. - Manufacturing.
- m.a.p. - Manufacturing ammonium phosphate.
- m.c. - Manufacturing cyanamide.
- m.m.f. - Manufacturing mixed fertilizers.
- m.o. - Manufacturing organics.
- m.s.a. - Manufacturing sulphate of ammonia.
- m.s.p. - Manufacturing superphosphate.
- e. - Exports.
- i. - Imports.
- d. - Dealer.
