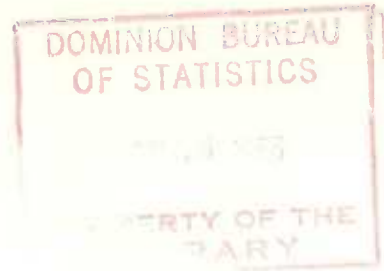


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CANADA

THE FERTILIZER TRADE

July 1, 1953 - June 30, 1954

Published by Authority of

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NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 3 volumes, as follows: **Volume I** – The Primary Industries, including mining, forestry and fisheries; **Volume II** – Manufacturing; **Volume III** – Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries or provinces which they comprise.

Volume II consists of the following parts, the first two of which deal with manufacturing as a whole and the balance with the major manufacturing groups.

- I – General Review of the Manufacturing Industries, \$1.50
- II – The Manufacturing Industries of Canada, (7 sections, as follows:)
 - Section A. Summary for Canada, 25¢
 - Section B. Atlantic Provinces, 25¢
 - Section C. Quebec, 25¢
 - Section D. Ontario, 25¢
 - Section E. Prairie Provinces, 25¢
 - Section F. British Columbia, 25¢
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- III – Foods and Beverages
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- XVI – Chemicals and Allied Products
- XVII – Miscellaneous Manufactures

The present report belongs in Part XVI, Chemicals and Allied Products. It is punched to permit of filing in a ring binder along with others of the group. The reports in this group are:

- A – General Review, 25¢
- B – The Acids, Alkalies and Salts Industry, 25¢
- C – The Fertilizers Industry, 25¢
- D – The Fertilizer Trade in Canada, 25¢
- E – The Medicinal and Pharmaceutical Preparations Industry, 25¢
- F – The Paints, Varnishes and Lacquers Industry, 25¢
- G – The Primary Plastics Industry, 25¢
- H – The Soaps, Washing Compounds and Cleaning Preparations Industry, 25¢
- I – The Toilet Preparations Industry, 25¢
- J – The Vegetable Oils Industry, 25¢
- K – The Inks Industry, 25¢
- L – The Adhesives Industry, 25¢
- M – The Polishes and Dressings Industry, 25¢
- N – The Compressed Gases Industry, 25¢
- O – The Coal Tar Distillation Industry, 25¢
- P – The Miscellaneous Chemical Products Industry, 25¢

THE FERTILIZER TRADE

July 1, 1953 - June 30, 1954

Sales of mixed fertilizers and of fertilizer materials for direct application to the soil, including exports, amounted to 1,544,170 tons in the year ended June 30, 1954. Sales to Canadian users totalled 811,641 tons, including 160,481 tons of fertilizer materials and 651,160 tons of mixtures, the latter tonnages being down 10.6 per cent and up 1.7 per cent, respectively, over the corresponding amounts sold during the previous twelve months.

Production of fertilizer materials in the period under review, including such items as ammonium nitrate, ammonium phosphate, ammonium sulphate, superphosphate and cyanamide, amounted to 1,091,425 tons, compared with 1,036,986 tons in the preceding year, and the output of mixed fertilizers increased from 693,959 tons to 700,995 tons. The figures for the materials and mixtures are not additive as some of the former were used in making the latter.

Imports of fertilizers amounted to 745,728 tons, compared with 823,953 tons during the previous fertilizer year. The more important items which were brought in were: natural phosphate rock, 341,766 tons; superphosphate, 188,832 tons; muriate of potash, 139,146 tons; nitrogen solution, 30,157 tons and sulphate of potash, 17,067 tons. The phosphate rock was used, of course, in Canadian fertilizer plants to make superphosphate and ammonium phosphate; similarly, most of the other imported materials were used in making mixed fertilizers.

Exports consisted of 693,150 tons of materials and 39,379 tons of mixtures, representing declines of 0.6 and 26.5 per cent, respectively, from the previous fertilizer year. Ammonium sulphate, ammonium phosphate, ammonium nitrate and cyanamide were the principal materials exported.

TABLE 1. Sales of Fertilizers, Years Ended June 30, 1953 and 1954

	Fertilizer materials			Mixed fertilizers			Total		
	1953	1954	Per cent change	1953	1954	Per cent change	1953	1954	Per cent change
	(short tons)								
Newfoundland	395	405	+ 2.5	4,451	4,044	- 9.1	4,846	4,449	- 8.2
Prince Edward Island	930	1,017	+ 9.4	48,619	42,447	- 12.7	49,549	43,464	- 12.3
Nova Scotia	2,114	2,176	+ 2.9	28,229	25,947	- 8.1	30,343	28,123	- 7.3
New Brunswick	663	714	+ 7.7	69,451	63,534	- 8.5	70,114	64,248	- 8.4
Quebec	12,039	16,393	+ 36.1	119,407	122,828	+ 2.9	131,446	139,211	+ 5.9
Ontario	47,811	50,938	+ 6.5	351,569	375,673	+ 6.9	399,380	426,611	+ 6.8
Manitoba	31,381	21,593	- 31.2	490	470	- 4.1	31,871	22,063	- 30.8
Saskatchewan	33,205	24,556	- 26.0	107	93	- 22.4	33,312	24,639	- 26.0
Alberta	36,190	28,284	- 21.8	103	136	+ 32.0	36,293	28,420	- 21.7
British Columbia	14,872	14,415	- 3.1	17,777	15,998	- 10.0	32,649	30,413	- 6.8
Canada	179,600	160,481	- 10.6	640,203	651,160	+ 1.7	819,803	811,641	- 1.0
Export	697,288	693,150	- 0.6	53,596	39,379	- 26.5	750,884	732,529	- 2.4
Total	876,888	853,631	- 2.7	693,799	690,539	- 0.5	1,570,687	1,544,170	- 1.7

TABLE 2. Production and Imports of Fertilizers, as Reported by Manufacturers and Importers During the Years Ended June 30, 1953 and 1954

Item	1953		1954	
	Manufactured	Imported	Manufactured	Imported
	(short tons)			
Mixed fertilizers—solid	693,959	38	700,995	1,411
Mixed fertilizers—liquid	481	1	1	4
Nitrogen solution	—	26,166	—	30,157
Ammonium sulphate	206,200	10,256	203,318	12,304
Superphosphate	1	215,300	1	188,832
Ammonium nitrate	1	502	1	—
Ammonium phosphate	1	20	1	20
Cyanamide	1	1	1	—
Natural phosphate rock ²	—	407,642	—	341,766
Bone meal or bone flour	685	753	594	150
Muriate of potash, 50% K ₂ O	—	21,565	—	11,508
Muriate of potash, 60% K ₂ O	—	115,548	—	127,638
Sulphate of potash	—	11,205	—	17,067
Sulphate of potash, magnesia	—	1,984	—	1,892
Tankage	226	67	143	50
Sheep manure	—	1,942	—	1,467
Dried blood	134	—	160	—
Nitrate of soda	—	1,133	—	1,057
Sewage sludge	4	4	—	6,441
Other materials ³	260	9,821	1,144	3,964

1. Not available for publication.
2. Used in making superphosphate and ammonium phosphate in Canadian fertilizer plants.
3. Lime has not been included.
4. Included with "Other materials".

TABLE 3. Sales of Fertilizers, Except for Manufacturing Purposes, During the Year Ended June 30, 1953

Kind	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total sold in Canada
(short tons)											
Fertilizer materials											
Nitrate of soda	222	—	5	1	93	641	1	—	—	20	983
Sulphate of ammonia	9	95	186	51	162	652	48	45	586	2,257	4,091
Cyanamide	—	9	45	10	50	1,952	101	—	—	184	2,351
Ammonium nitrate	137	337	721	184	452	14,269	76	90	1,477	2,366	20,109
Ammonium phosphate—11-48-0	—	—	—	—	4	3,010	24,363	30,475	29,130	1,565	88,547
16-20-0	—	—	—	—	—	480	6,739	2,550	4,821	3,609	18,199
Superphosphate—20% P ₂ O ₅	24	409	991	333	6,642	15,134	3	—	27	2,240	25,803
45% P ₂ O ₅	—	—	—	—	—	31	—	—	—	—	31
Natural phosphate rock	—	—	—	—	1,589	1,270	—	—	—	95	2,954
Basic slag	—	—	—	—	838	—	—	—	—	—	838
Bone meal, bone flour, etc.	1	—	32	7	54	614	23	2	10	823	1,566
Muriate of potash—50% K ₂ O	—	—	30	11	24	147	—	—	—	—	212
60% K ₂ O	2	77	17	29	100	3,417	3	—	—	588	4,233
Sulphate of potash	—	—	4	1	1	212	—	—	—	110	328
Tankage	—	—	—	—	—	—	—	—	96	170	266
Sheep manure	—	—	76	20	504	954	24	38	—	123	1,739
Dried blood	—	—	—	—	690	5	—	5	43	58	801
Other fertilizer materials ¹	—	3	7	16	836	5,023	—	—	—	664	6,549
Total materials	395	930	2,114	663	12,039	47,611	31,381	33,205	36,190	14,872	179,600
Mixed fertilizers	4,451	48,619	28,229	69,451	119,407	351,569	490	107	103	17,777	640,203
Total—1952-53	4,846	49,549	30,343	70,114	131,446	399,380	31,871	33,312	36,293	32,649	819,803
Total—1951-52	4,788	42,867	29,266	63,400	132,952	378,949	27,084	27,564	31,848	29,827	768,545

1. Lime has not been included.

TABLE 4. Sales of Fertilizers, Except for Manufacturing Purposes, During the Year Ended June 30, 1954

Kind	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total sold in Canada
(short tons)											
Fertilizer materials											
Nitrate of soda	246	—	5	—	84	605	—	—	—	15	955
Sulphate of ammonia	28	316	158	42	210	1,159	26	40	700	2,302	4,981
Cyanamide	—	5	49	4	23	2,897	28	1	1	146	3,154
Ammonium nitrate	93	349	702	242	552	13,357	52	135	1,782	2,753	20,017
Ammonium phosphate—11-48-0	—	—	—	—	7	2,718	16,450	22,483	21,774	1,064	64,496
16-20-0	—	—	—	—	—	168	4,973	1,897	3,980	3,356	14,374
Superphosphate—20% P ₂ O ₅	15	299	1,044	369	7,656	17,651	1	—	15	1,786	28,836
45% P ₂ O ₅	—	—	—	—	13	25	—	—	—	65	103
Natural phosphate rock	—	—	—	—	4,591	280	—	—	2	107	4,960
Basic slag	—	—	—	—	1,099	—	—	—	—	—	1,099
Bone meal, bone flour, etc.	—	—	52	8	66	534	25	—	25	832	1,542
Muriate of potash—50% K ₂ O	—	—	—	—	14	95	—	—	—	—	109
60% K ₂ O	1	48	65	47	296	3,899	5	—	—	603	4,964
Sulphate of potash	22	—	5	—	3	290	1	—	—	222	543
Tankage	—	—	—	—	—	—	—	—	—	248	246
Sheep manure	—	—	93	—	467	935	32	—	—	135	1,662
Dried blood	—	—	—	—	—	3	—	—	2	122	127
Sewage sludge	—	—	—	—	69	5,303	—	—	2	380	5,754
Other fertilizer materials ¹	—	—	3	2	1,233	1,039	—	—	1	281	2,559
Total materials	405	1,017	2,176	714	16,383	50,938	21,593	24,556	28,284	14,415	160,481
Mixed fertilizers	4,044	42,447	25,947	63,534	122,828	375,673	470	83	136	15,998	651,160
Total—1953-54	4,449	43,464	28,123	64,248	139,211	426,611	22,063	24,639	28,420	30,413	811,641
Total—1952-53	4,846	49,549	30,343	70,114	131,446	399,380	31,871	33,312	36,293	32,649	819,803

1. Lime has not been included.

TABLE 5. Mixed Fertilizers Sold During the Year Ended June 30, 1953

Analysis			Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba, Saskatchewan and Alberta	British Columbia	Total sold in Canada	Exported from Canada
(short tons)												
N	P ₂ O ₅	K ₂ O										
0	10	20	—	—	—	—	—	—	—	—	—	2,976
0	12	12	—	—	—	—	—	9,402	—	—	9,402	—
0	12	20	—	—	—	—	—	5,495	—	579	6,074	—
0	14	14	—	—	5	—	—	613	—	—	618	25
0	16	8	—	—	—	—	3,409	6,113	—	—	9,522	—
0	20	20	—	—	—	—	5	25	—	—	30	1,263
2	8	16	—	—	—	1	3,051	125	—	—	3,177	5
2	8	24	—	—	—	—	—	194	—	—	194	—
2	10	8	—	—	—	—	—	7,789	—	—	7,789	—
2	12	10	—	—	—	—	28,152	144,147	—	19	172,318	13
2	12	16	—	—	—	—	—	5,364	—	—	5,364	—
2	12	20	—	—	—	—	—	2,294	—	—	2,294	—
2	14	8	—	—	—	—	3,143	3,062	—	—	6,205	—
2	15	15	—	—	—	—	—	—	—	1,306	1,306	—
2	16	6	—	—	—	—	25,700	16,618	—	493	42,811	5
3	10	8	—	—	—	—	—	1,548	—	—	1,548	—
3	10	10	—	—	—	—	—	—	—	—	—	149
3	12	12	—	—	—	15	346	2,616	—	—	2,977	—
3	12	16	—	—	—	—	—	2,340	—	—	2,340	—
3	15	6	840	6,924	12,493	9,017	—	396	—	—	29,670	98
3	15	12	—	—	—	—	—	113	—	—	113	—
3	18	0	—	—	—	—	340	1,421	—	—	1,761	—
3	18	9	—	—	—	—	2	27,903	—	—	27,905	—
3	18	15	—	—	—	—	—	1,429	—	—	1,429	—
4	8	12	—	—	—	—	—	1,647	—	—	1,647	68
4	10	8	9	1	36	22	296	152	53	357	926	—
4	10	10	—	—	—	—	—	—	—	5,604	5,604	—
4	12	6	—	—	—	1	2,107	4,399	—	—	6,507	664
4	12	8	—	—	—	1	—	109	—	—	110	—
4	12	10	—	—	—	—	6	30,535	40	2	30,583	—
4	24	12	—	—	48	—	43	25,752	6	—	25,849	—
5	7	10	—	—	—	—	—	—	—	—	—	1,201
5	8	7	—	—	—	—	—	—	—	—	—	215
5	8	10	—	—	—	—	2,112	2	—	—	2,114	—
5	10	5	22	—	—	—	548	2,187	285	446	3,488	240
5	10	10	2,875	13,312	9,561	42,694	14,486	97	—	—	83,025	3,396
5	10	13	111	27,856	2,046	9,066	32,992	25,486	32	—	97,589	35
5	24	20	—	—	—	—	—	—	—	—	—	4,999
6	8	6	—	—	—	—	—	—	—	2,473	2,473	—
6	9	9	—	—	7	1,451	—	—	—	—	1,458	2,779
6	9	12	—	493	29	5,186	20	—	—	—	5,728	23,296
6	10	10	—	—	—	—	—	91	—	326	417	—
6	12	6	573	4	2,881	1,448	—	—	—	—	4,906	226
6	12	12	—	—	—	82	797	7	—	—	886	—
6	28	25	—	—	—	—	—	—	—	175	175	—
6	30	15	—	—	—	—	—	—	—	1,680	1,680	—
7	7	7	—	—	—	—	69	208	2	—	279	11
7	14	7	—	—	—	—	—	243	—	—	243	157
8	8	8	—	—	—	—	—	160	—	—	160	—
8	9	10	—	—	—	—	—	—	—	—	—	120
8	10	5	—	—	—	—	—	—	—	1,813	1,813	—
8	12	12	—	—	—	—	—	—	—	—	—	2,054
8	12	16	—	—	—	224	—	—	—	—	224	7,157
8	16	16	—	—	—	—	—	—	—	—	—	584
8	24	20	—	—	—	—	—	481	—	—	481	—
9	5	7	—	2	—	58	1,390	115	—	—	1,565	5
9	9	7	21	—	1,097	96	—	—	—	—	1,214	3
10	5	10	—	—	—	—	57	6,198	—	—	6,255	—
10	6	4	—	—	12	62	216	1,098	44	56	1,488	1
10	8	4	—	—	—	—	—	—	—	—	—	296
10	10	10	—	—	—	—	15	12,697	—	—	12,712	848
10	20	0	—	—	—	—	—	—	—	—	—	100
10	20	10	—	—	—	—	—	—	—	1,695	1,695	—
10	32	10	—	—	—	—	—	—	186	—	186	—
12	8	10	—	—	—	—	—	—	—	359	359	—
14	7	10	—	—	—	—	—	—	—	158	158	—
Miscellaneous other mixtures			—	27	14	27	105	898	52	238	1,359	587
Total			4,451	48,619	28,229	69,451	119,407	351,569	700	17,777	640,203	53,596

Note. Figures in this table include tobacco fertilizers and fertilizers containing boron and magnesium oxide.

TABLE 6. Mixed Fertilizers Sold During Year Ended June 30, 1954

Analysis			New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba, Saskatchewan and Alberta	British Columbia	Total sold in Canada	Exported from Canada
(short tons)												
N	P ₂ O ₅	K ₂ O										
0	9	12	—	—	—	—	581	—	—	—	581	—
0	12	12	—	—	—	—	4	8,391	—	—	8,395	—
0	12	20	—	—	—	—	11	7,512	—	405	7,928	—
0	14	14	—	—	—	—	—	669	—	—	669	17
0	16	8	—	—	—	—	3,544	6,326	—	—	9,870	—
0	20	20	—	—	3	—	1	115	—	—	119	475
2	8	16	—	—	—	—	3,396	104	—	—	3,500	—
2	10	8	—	—	—	—	—	7,110	—	—	7,110	—
2	12	10	—	—	—	—	32,223	149,485	—	17	181,725	22
2	12	16	—	—	—	—	—	6,079	—	—	6,079	—
2	12	20	—	—	—	—	6	5,725	—	8	5,739	—
2	14	8	—	—	—	—	3,194	2,116	—	—	5,310	—
2	15	15	—	—	—	—	—	—	—	1,360	1,360	—
2	16	6	—	—	—	2	24,444	14,940	—	316	39,702	—
3	8	15	—	—	—	—	—	382	—	—	382	—
3	10	8	—	—	—	—	—	967	—	—	967	—
3	12	12	—	—	—	—	435	3,548	—	—	3,983	24
3	12	16	—	—	—	—	12	1,401	—	—	1,413	—
3	15	6	694	5,561	11,373	8,352	—	—	—	—	25,980	43
3	15	10	—	—	—	—	—	2,847	—	—	2,847	—
3	18	0	—	—	—	—	16	998	—	—	1,014	—
3	18	9	—	—	—	—	11	23,351	—	—	23,362	—
3	18	15	—	—	—	—	20	2,219	—	—	2,239	—
4	8	12	—	—	—	—	—	1,783	—	—	1,783	87
4	10	7	—	—	—	—	—	—	—	298	298	—
4	10	8	6	1	33	23	241	128	62	—	494	—
4	10	10	—	—	—	—	—	—	—	5,073	5,073	—
4	12	6	—	—	5	—	1,991	3,742	—	—	5,739	18
4	12	8	—	—	—	—	—	172	—	—	172	—
4	12	10	—	—	—	—	6	30,671	—	—	30,677	—
4	12	16	—	—	—	—	—	485	—	—	485	—
4	24	12	—	—	13	—	118	24,892	3	7	25,033	—
4	24	20	—	—	—	—	—	113	—	—	113	—
5	7	10	—	—	—	—	—	—	—	—	—	416
5	8	7	—	—	—	—	—	—	—	—	—	180
5	8	10	—	—	—	—	2,894	4	—	—	2,898	4
5	10	5	—	—	—	—	550	2,724	270	—	3,544	286
5	10	10	2,649	12,968	9,026	41,973	14,856	1,351	—	13	82,836	4,525
5	10	13	109	22,177	1,797	6,808	31,236	30,242	—	7	92,376	33
6	8	6	—	—	—	—	—	—	—	2,575	2,575	—
6	9	9	—	—	—	725	—	—	—	—	725	2,913
6	9	12	2	250	20	3,918	97	—	—	—	4,287	16,784
6	10	10	—	—	—	—	—	—	—	362	362	—
6	12	6	562	2	2,306	1,193	—	—	—	—	4,063	458
6	12	12	—	—	—	—	695	—	—	—	695	6
6	18	15	—	—	—	—	—	220	—	—	220	—
6	28	25	—	—	—	—	—	—	—	214	214	—
6	30	15	—	—	—	—	—	—	—	1,173	1,173	—
7	7	7	—	—	—	—	166	846	—	—	1,012	1,970
8	9	10	—	—	—	—	—	—	—	—	—	100
8	10	5	—	—	—	92	—	—	—	1,655	1,655	—
8	12	12	—	—	—	33	—	—	—	—	33	4,349
8	12	16	—	—	—	74	—	—	—	—	74	3,872
8	16	16	—	—	—	—	2	—	—	—	2	1,105
8	24	20	—	—	—	—	—	603	—	—	603	—
9	5	7	—	—	—	92	1,674	94	—	—	1,860	23
9	5	10	—	—	120	—	—	—	—	—	120	—
9	9	7	22	13	1,212	63	—	—	—	—	1,310	5
10	5	10	—	—	—	—	86	7,972	—	—	8,058	—
10	6	4	—	—	10	16	183	839	37	46	1,131	30
10	8	4	—	—	—	150	—	—	—	—	150	10
10	10	10	—	—	2	48	42	24,075	—	—	24,167	1,021
10	20	10	—	—	—	—	—	—	—	1,604	1,604	121
10	32	10	—	—	—	—	—	—	237	2	239	—
14	7	10	—	—	—	—	—	—	—	100	100	—
Miscellaneous other mixtures ..			—	1,475	27	52	93	432	60	783	2,922	482
Total			4,044	42,447	25,947	63,534	122,828	375,673	689	15,998	651,160	39,379

Note: Figures in this table include tobacco fertilizers and fertilizers containing boron and magnesium oxide.

1. British Columbia sales for this grade included with "Miscellaneous other mixtures".

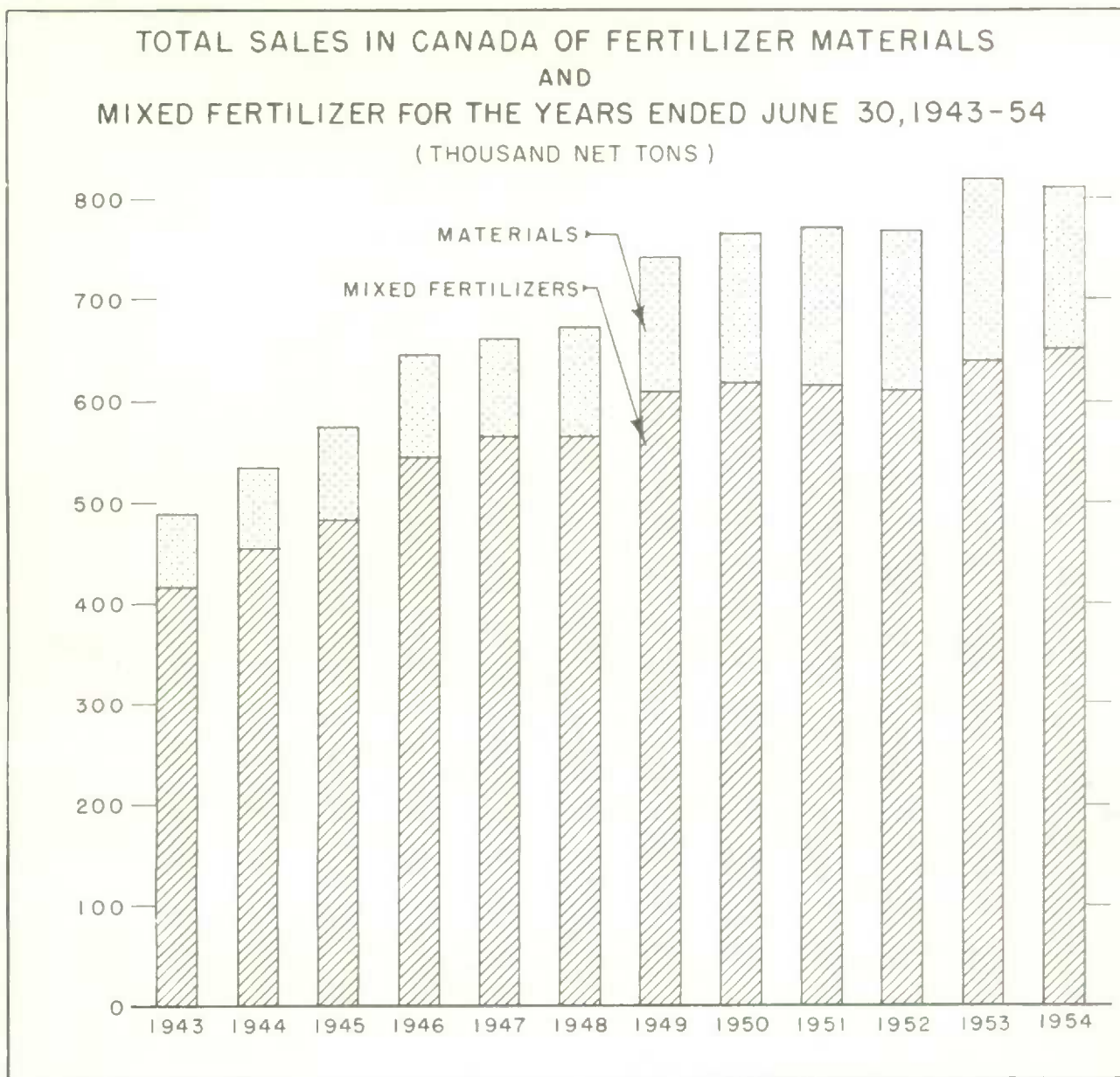


TABLE 7. Tobacco Specials Sold During the Year Ended June 30, 1954

Analysis	Quebec	Ontario	British Columbia	Total
	(short tons)			
N P₂O₅ K₂O				
0 12 20	—	2,223	—	2,223
2 10 8	—	6,907	—	6,907
2 12 10	3,583	54,291	17	57,891
3 10 8	—	803	—	803
3 18 15	—	1,965	—	1,965
5 8 10	2,894	4	—	2,898
5 10 13	—	1,169	—	1,169
10 5 10	—	282	—	282
Other	1	77	26	104
Total	6,478	67,721	43	74,242

Note: The figures in this table are included in Table 6.

TABLE 8. Sales of Mixed Fertilizers Containing Guaranteed Percentages of Boron, During the Year Ended June 30, 1954

Analysis	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba, Saskatchewan and Alberta	British Columbia	Canada	Exported
(short tons)										
N P ₂ O ₅ K ₂ O										
2 8 16	-	-	-	-	126	-	-	-	126	-
2 12 10	-	-	-	-	141	2,301	-	-	2,442	10
2 12 16	-	-	-	-	-	740	-	-	740	-
2 16 6	-	-	-	3	651	17	-	5	676	-
3 12 16	-	-	-	-	-	292	-	-	292	-
3 15 6	374	1,838	1,165	592	-	-	-	-	3,969	7
3 18 9	-	-	-	-	-	215	-	-	215	-
4 12 16	-	-	-	-	-	206	-	-	206	-
5 10 10	-	-	1	126	46	4	-	-	177	60
5 10 13	-	-	3	19	166	1,731	-	-	1,919	-
5 15 6	51	-	-	185	-	-	-	-	236	-
6 12 6	33	-	134	21	-	-	-	-	188	-
6 28 25	-	-	-	-	-	-	-	112	112	-
9 5 7	-	-	-	48	67	-	-	-	115	-
9 9 7	11	11	1,201	62	-	-	-	-	1,285	-
Other	-	-	3	1	27	259	-	840	1,130	3
Total	469	1,849	2,507	1,057	1,224	5,765	-	957	13,828	80

Note. The figures in this table are included in Table 6.

TABLE 9. Sales of Mixed Fertilizers (Excluding Tobacco Fertilizers) Containing Guaranteed Percentages of Magnesium Oxide, During the Year Ended June 30, 1954

Analysis	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba, Saskatchewan and Alberta	British Columbia	Canada	Exported
(short tons)										
N P ₂ O ₅ K ₂ O										
2 12 10	-	-	-	-	13	114	-	-	127	-
3 18 9	-	-	-	-	-	201	-	-	201	-
5 7 10	-	-	-	-	-	-	-	-	-	416
5 8 7	-	-	-	-	-	-	-	-	-	180
5 10 10	149	3,130	961	17,565	42	-	-	-	21,847	1,725
5 10 13	20	7,474	295	2,357	217	1,748	-	-	12,111	-
6 9 9	-	-	-	543	-	-	-	-	543	2,913
6 9 12	-	250	14	2,396	-	-	-	-	2,660	15,870
7 7 7	-	-	-	-	-	-	-	-	-	1,856
8 9 10	-	-	-	-	-	-	-	-	-	100
8 12 12	-	-	-	32	-	-	-	-	32	4,349
8 12 16	-	-	-	4	-	-	-	-	4	3,872
8 16 16	-	-	-	-	-	-	-	-	-	140
Other	-	-	36	43	37	142	-	112	370	61
Total	169	10,854	1,306	22,940	309	2,205	-	112	37,895	31,282

Note. The figures in this table are included in Table 6.

TABLE 10. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Prince Edward Island During the Year Ended June 30, 1954

County	Materials	Mixed fertilizers	Total
(short tons)			
Kings	205	6,376	6,581
Queens	299	13,619	13,918
Prince	513	20,977	21,490
No distribution	-	1,475	1,475
Total	1,017	42,447	43,464

TABLE 11. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Nova Scotia During the Year Ended June 30, 1954

County	Materials	Mixed fertilizers	Total
Annapolis	70	1,727	1,797
Antigonish	79	837	916
Cape Breton	50	1,043	1,093
Colchester	232	2,603	2,835
Cumberland	84	2,372	2,456
Digby	15	885	900
Guysborough	—	75	75
Halifax	141	988	1,129
Hants	129	2,246	2,375
Inverness	63	577	640
Kings	1,077	8,070	9,147
Lunenburg	38	1,599	1,637
Pictou	105	1,812	1,917
Richmond	6	78	84
Queens	52	164	218
Shelburne	—	103	103
Victoria	6	99	105
Yarmouth	29	669	698
Total	2,176	25,947	28,123

TABLE 12. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in New Brunswick During the Year Ended June 30, 1954

County	Materials	Mixed fertilizers	Total
Albert	1	163	164
Carleton	37	20,616	20,653
Charlotte	63	840	903
Gloucester	118	1,436	1,554
Kent	92	1,464	1,556
King's	57	1,973	2,030
Madawaska	12	3,053	3,065
Northumberland	84	1,086	1,170
Queen's	17	490	507
Restigouche	14	2,440	2,454
Saint John	26	829	855
Sunbury	2	334	336
Victoria	15	19,734	19,749
Westmorland	94	3,696	3,790
York	82	5,380	5,462
Total	714	63,534	64,248

TABLE 13. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Quebec During the Year Ended June 30, 1954

County	Materials	Mixed fertilizers	Total
		(short tons)	
Abitibi	199	090	889
Argenteuil	252	320	572
Arthabaska	956	5,013	5,969
Beauharnois	143	494	637
Bagot	337	2,450	2,787
Beauce	196	3,936	4,132
Bellechasse	490	2,606	3,096
Berthier	102	1,593	1,695
Bonaventure	346	1,363	1,709
Brome	59	738	797
Chambly	63	644	707
Champlain	228	1,204	1,432
Charlevoix	76	681	757
Chateauguay	265	1,495	1,760
Chicoutimi	194	1,467	1,661
Compton	199	2,425	2,624
Dorchester	368	3,257	3,625
Drummond	340	2,500	2,840
Frontenac	22	1,937	1,959
Gaspé	55	626	681
Gatineau	2	161	163
Hochelega	363	1,463	1,826
Hull	2	12	14
Huntingdon	213	1,386	1,599
L'Islet	223	1,180	1,403
Iberville	362	1,819	2,181
Jacques Cartier	640	692	1,332
Joliette	338	4,475	4,813
Kamouraska	329	1,951	2,280
Labelle	20	538	558
La Prairie	83	2,115	2,198
Lake St. John	49	465	514
L'Assomption	134	1,370	1,504
Laval	83	5,668	5,751
Laviolette	19	239	308
Lévis	1,610	1,229	2,839
Lotbinière	583	3,229	3,812
Maskinongé	4	139	143
Matapédia	35	1,067	1,102
Matane	114	1,775	1,889
Montmorency	55	1,462	1,517
Mégantic	571	3,274	3,845
Montcalm	101	3,056	3,157
Montmagny	197	650	847
Montreal	—	69	69
Missisquoi	412	2,277	2,689
Napierville	109	5,523	5,632
Nicolet	557	3,897	4,454
Papineau	94	1,621	1,715
Pontiac	25	109	134
Portneuf	252	2,413	2,665
Québec	254	1,395	1,649
Rouville	491	3,585	4,076
Richelieu	157	831	988
Richmond	55	987	1,042
Rimouski	314	2,133	2,447
Rivière-du-Loup	283	4,358	4,641
Roherval	13	294	307
Rouyn	6	39	45
Saguenay	1	135	136
St. Hyacinthe	613	3,100	3,713
St. Johns	159	861	1,020
St. Maurice	163	677	840
Shefford	120	2,217	2,337
Sherbrooke	176	1,436	1,612
Soulanges	90	286	376
Stanstead	201	1,877	2,078
Témiscamingue	36	25	61
Témiscouata	38	1,177	1,215
Terrebonne	86	1,384	1,470
Three Rivers	23	122	145
Two Mountains	105	1,064	1,169
Verchères	233	1,111	1,344
Vaudreuil	99	217	316
Wolfe	93	1,518	1,611
Yamaska	105	1,186	1,291
Magdalen Islands	—	—	—
Total, Quebec	16,383	122,828	139,211

TABLE 14. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Ontario During the Year Ended June 30, 1954

County	Materials	Mixed fertilizers	Total
Algoma	54	605	659
Brant	729	7,611	8,340
Bruce	2,228	10,646	12,874
Carleton	637	1,496	2,133
Cochrane	212	548	760
Dufferin	239	4,204	4,443
Dundas	90	612	702
Durham	754	6,769	7,523
Elgin	2,503	25,961	28,464
Essex	4,610	23,675	28,285
Frontenac	185	577	762
Grey	1,241	7,867	9,108
Glengarry	38	405	443
Grenville	99	1,439	1,538
Haldimand	436	4,416	4,854
Haliburton	14	89	103
Halton	255	2,842	3,097
Hastings	86	1,943	2,029
Huron	1,719	18,296	20,015
Kenora	—	3	3
Kent	12,115	51,326	63,441
Lambton	1,824	11,849	13,673
Lanark	159	1,184	1,343
Leeds	93	784	877
Lennox-Addington	65	517	582
Lincoln	1,029	5,234	6,263
Manitowlin	2	316	318
Middlesex	1,358	23,438	24,796
Muskoka	11	397	408
Nipissing	69	558	627
Norfolk	1,646	45,381	47,027
Northumberland	158	2,053	2,211
Ontario	664	6,173	6,837
Oxford	1,604	24,754	26,358
Parry Sound	6	723	729
Peel	424	3,731	4,155
Perth	714	12,911	13,625
Peterborough	147	1,780	1,927
Prescott	43	1,124	1,167
Prince Edward	116	1,091	1,207
Russell	121	909	1,030
Rainy River	3	32	35
Renfrew	349	719	1,068
Stormont	266	611	877
Simcoe	1,633	12,796	14,429
Sudbury	116	1,711	1,829
Temiskaming	77	465	542
Thunder Bay	58	558	616
Victoria	112	2,040	2,152
Waterloo	857	8,355	9,212
Welland	445	3,394	3,839
Wellington	734	10,239	10,973
Wentworth	1,384	6,746	8,130
York	3,083	11,768	14,851
No distribution	3,322	—	3,322
Total Ontario	50,938	375,673	426,611

TABLE 15. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold During the Years Ended June 30, 1953 and 1954

Province	1953				1954			
	Total tonnage	Nitrogen (N)	Phosphoric acid (P ₂ O ₅)	Potash (K ₂ O)	Total tonnage	Nitrogen (N)	Phosphoric acid (P ₂ O ₅)	Potash (K ₂ O)
	(short tons)							
(a) In Materials								
Newfoundland	395	83	5	1	405	76	3	11
Prince Edward Island	930	132	82	46	1,017	179	60	29
Nova Scotia	2,114	288	206	28	2,176	278	222	43
New Brunswick	663	74	68	24	714	89	76	28
Quebec	12,039	302	1,997	83	16,383	258	3,278	196
Ontario	47,811	5,798	5,164	2,245	50,938	5,971	5,312	2,545
Manitoba	31,381	3,815	13,048	2	21,593	2,635	8,897	4
Saskatchewan	33,205	3,800	15,139	1	24,556	2,829	11,171	—
Alberta	36,190	4,593	14,962	—	28,284	3,761	11,257	—
British Columbia	14,872	2,071	2,158	408	14,415	2,137	1,832	471
Total Canada	179,600	20,956	52,829	2,838	160,481	18,213	42,108	3,327
Exported from Canada	697,288	166,531	35,926	3	693,150	164,667	45,628	1,694
Grand total	876,888	187,487	88,755	2,841	853,631	182,880	87,736	5,021
(b) In Mixtures								
Newfoundland	4,451	212	498	390	4,044	195	450	357
Prince Edward Island	48,619	2,298	5,204	5,430	42,447	1,940	4,373	4,544
Nova Scotia	28,229	1,234	3,501	2,236	25,947	1,145	3,190	2,062
New Brunswick	69,451	3,391	7,358	6,893	63,534	3,087	6,739	6,234
Quebec	119,407	4,038	14,295	11,770	122,828	4,103	14,591	12,177
Ontario	351,569	10,737	46,544	36,242	375,673	12,414	48,708	39,669
Manitoba	490	32	82	38	470	33	89	35
Saskatchewan	107	8	11	6	83	5	9	4
Alberta	103	8	20	9	136	11	21	9
British Columbia	17,777	975	2,360	1,735	15,998	879	2,069	1,550
Total Canada	640,203	22,933	79,873	64,749	651,160	23,812	80,239	66,641
Exported from Canada	53,596	3,097	6,139	7,144	39,379	2,531	3,974	4,573
Grand total	693,799	26,030	86,012	71,893	690,539	26,343	84,213	71,214
(c) Total								
Newfoundland	4,846	295	503	391	4,449	271	453	368
Prince Edward Island	49,549	2,430	5,286	5,476	43,464	2,119	4,433	4,573
Nova Scotia	30,343	1,522	3,707	2,264	28,123	1,423	3,412	2,105
New Brunswick	70,114	3,465	7,426	6,917	64,248	3,176	6,815	6,262
Quebec	131,446	4,340	16,292	11,853	139,211	4,361	17,869	12,373
Ontario	399,380	16,535	51,708	38,487	426,611	18,385	54,020	42,214
Manitoba	31,871	3,847	13,130	40	22,063	2,668	8,986	39
Saskatchewan	33,312	3,808	15,150	7	24,639	2,834	11,180	4
Alberta	36,293	4,601	14,982	9	28,420	3,772	11,278	9
British Columbia	32,649	3,046	4,518	2,143	30,413	3,016	3,901	2,021
Total Canada	819,803	43,889	132,702	67,587	811,641	42,025	122,347	69,968
Exported from Canada	750,884	169,828	42,065	7,147	732,529	167,198	49,602	6,267
Grand total	1,570,687	213,517	174,767	74,734	1,544,170	209,223	171,949	76,235

TABLE 16. Fertilizers Sold for Consumption During the Years Ended June 30, 1927-1954

Year	Materials		Mixtures		Total
	Quantity	Percentage of total	Quantity	Percentage of total	
	tons		tons		
1927	105,141	62.1	64,423	37.9	169,564
1929	115,672	51.7	108,078	48.3	223,750
1930	166,257	51.8	154,950	48.2	321,207
1935	104,711	49.3	107,768	50.7	212,479
1940	85,638	24.7	261,083	75.3	346,721
1945	92,026	16.0	483,081	84.0	575,107
1946	90,446	14.3	542,497	85.7	632,943
1947	95,870	14.5	564,851	85.5	660,721
1948	107,299	15.6	564,872	84.4	672,171
1949	129,968	17.5	611,758	82.5	741,726
1950	145,972	19.1	618,609	80.9	764,581
1951	153,933	19.9	616,574	80.1	770,507
1952	156,049	20.3	612,496	79.7	768,545
1953	179,600	21.9	640,203	78.1	819,803
1954	160,481	19.8	651,160	80.2	811,641

TABLE 17. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold During the Years Ended June 30, 1940-1954

Year	In materials			In mixtures			Total		
	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O	N	P ₂ O ₅	K ₂ O
	(short tons)								
1940	4,284	15,156	4,137	7,180	27,245	21,106	11,464	42,401	25,243
1941	3,488	12,965	3,994	6,939	26,278	19,908	10,427	39,243	23,902
1942	5,042	13,911	2,877	9,311	37,099	27,497	14,353	51,010	30,374
1943	3,459	13,998	3,112	11,282	45,079	32,977	14,741	59,077	36,089
1944	5,422	15,286	2,933	13,638	48,850	28,020	19,060	64,136	30,953
1945	7,633	25,387	3,087	14,327	51,309	39,578	21,960	76,696	42,665
1946	7,834	21,424	2,241	16,519	57,171	43,224	24,353	78,595	45,465
1947	8,923	26,231	2,216	16,821	59,021	44,913	25,744	85,252	47,129
1948	10,693	30,149	2,738	17,153	59,388	47,342	27,846	89,537	50,080
1949	12,001	37,789	2,749	18,340	67,221	52,312	30,341	105,010	55,061
1950	14,533	47,151	1,924	18,820	70,840	54,063	33,353	117,991	55,987
1951	16,167	48,745	2,181	18,328	73,142	53,949	34,495	121,887	56,130
1952	17,357	46,413	2,594	19,213	72,951	55,423	36,570	119,364	58,017
1953	20,956	52,829	2,838	22,933	79,873	64,749	43,889	132,702	67,587
1954	18,213	42,108	3,327	23,812	80,239	66,641	42,025	122,347	69,988

TABLE 18. Lime and Limestone Produced in Canada for Agricultural Purposes, 1936-1953

Year	Lime	Limestone (including marl)	Year	Lime	Limestone (including marl)
(short tons)			(short tons)		
1936	6,551	93,071	1945	14,420	419,579
1937	6,697	111,428	1946	4,294	480,639
1938	6,495	128,289	1947	6,664	450,553
1939	8,547	191,833	1948	12,249	595,421
1940	8,904	174,114	1949	15,274	649,220
1941	15,144	216,657	1950	14,088	568,280
1942	9,251	285,924	1951	14,709	567,300
1943	13,299	271,036	1952	13,587	464,122
1944	15,190	316,545	1953	12,310	510,547

List of Reporting Companies, 1954

Name of company	Address
Agricultural Chemicals, Ltd.	P.O. Box 250, Port Hope, Ontario
Agricultural Chemicals, Ltd.	Chambly, Quebec
Aldridge-Benson Co. Ltd.	709 Dunsmuir, Vancouver, British Columbia
Algoma Steel Corporation Ltd.	Sault Ste. Marie, Ontario
Associated Shippers Inc.	Charlottetown, Prince Edward Island
Buckerfields Limited	Vancouver, British Columbia
Burns and Co., Limited	Vancouver, British Columbia; Edmonton, Alberta
Canada Packers Limited	West Toronto, Welland, Chatham, Ontario
Canada Packers Limited	Montreal, Quebec
Canada Packers Limited	Saint John, New Brunswick
Canada Packers Limited	Port Williams, Nova Scotia
Canada Packers Limited	Summerside, Prince Edward Island
Canadian Industries Limited	Montreal, Quebec; plants at Halifax, Nova Scotia; McMasterville, Quebec; Montreal, Quebec; Chatham, Ontario; Hamilton, Ontario
Canadian Organic Developments Ltd.	Calgary, Alberta
Colonial Fertilizer Co. Ltd.	Windsor, Nova Scotia
Compagnie Nord Africaine de l'Hyperphosphate Reno	1504, rue de la Montagne, Montreal, Quebec
Consolidated Mining and Smelting Company of Canada, Ltd.	Trail, British Columbia; Calgary, Alberta; Kimberley, British Columbia
Davey Tree Expert Co. of Canada, Ltd.	Toronto, Ontario
Dominion Potash Limited	4404 St. Catherine St. W., Montreal, Quebec
Dominion Seed House	Georgetown, Ontario
Dominion Iron & Steel Corp.	Sydney, Nova Scotia
Fishermen's Co-operative Federation	2195 Commissioner St., Vancouver, British Columbia
Globe Fertilizer Company Ltd.	Crompton Rd., Vancouver, British Columbia
Great Northern Chemical Company	95 King St. E., Toronto 1, Ontario
Green Valley Fertilizer & Chemical Co. Ltd.	New Westminster, British Columbia
Hamilton By-Product Coke Ovens Ltd.	Hamilton, Ontario
Harris, W., and Co.	Toronto, Ontario
Houde, W., Ltd.	Laprairie, Quebec
Hy-Trous Company of Canada	125 Pitt St., Cornwall, Ontario
International Agricultural Corp. Ltd.	P.O. Box 21, Station A, Buffalo, New York, U.S.A.
International Fertilizers, Ltd.	71 St. Peter St., Quebec, Quebec
International Fertilizers, Ltd.	Saint John, New Brunswick
Island Fertilizer Co., Ltd.	Charlottetown, Prince Edward Island
W.A. Jenkins Mfg. Co., The	London, Ontario
Manchester Products	Galt, Ontario
Maritime Co-operative Services Ltd.	Moncton, New Brunswick
Milwaukee Sewerage Commission	P.O. Box 2079, Milwaukee, Wisconsin, U.S.A.
Misner's Seeds and Fertilizers	Port Dover, Ontario
Montreal Coke and Manufacturing Co.	P.O. Box 600, Montreal, Quebec
North American Cyanamid Co.	Niagara Falls, Ontario
North American Cyanamid Co. (Welland works)	Niagara Falls, Ontario
Ontario Plant Foods Ltd.	P.O. Box 748, Delhi, Ontario
Prince Edward Island Potato Growers' Association	Charlottetown, Prince Edward Island
Pulverized Manure Company	503 Exchange Bldg., Chicago, Illinois, U.S.A.
Read Brothers Fertilizers Limited	Elmira, Ontario
Steel Company of Canada, Ltd.	Hamilton, Ontario
Stone, William, Sons Ltd.	Ingersoll, Ontario
Summers Fertilizer Co., Inc.	St. Stephen, New Brunswick
Swift Canadian Company, Limited	1900 St. Clair Ave. West, Toronto, Ontario
Swift Canadian Company, Limited	St. Boniface, Manitoba
Toronto Salt Works	Toronto, Ontario
United Co-operative Co. Ltd.	Toronto, Ontario
Vitalerth Products Ltd.	1741 W. 4th Ave., Vancouver, British Columbia
Witte Fertilizer Works	Norwich, Ontario
Young, Gordon, Ltd.	166 Keating St., Toronto, Ontario

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