

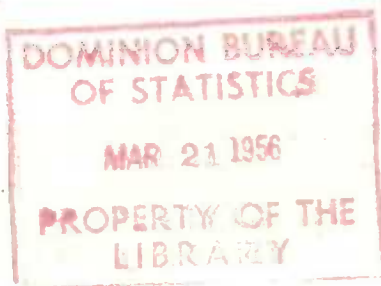
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CANADA

# THE FERTILIZER TRADE

July 1, 1954 - June 30, 1955



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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¢
  - Section G. The Manufacturing Industries of Canada, Regional Distribution, 75¢
- III - Foods and Beverages
- IV - Tobacco and Tobacco Products
- V - Rubber Products
- VI - Leather Products
- VII - Textile Mills
- VIII - Knitting Mills
- IX - Clothing
- X - Wood and Paper Products
- XI - Printing Trades
- XII - Iron and Steel Products
- XIII - Transportation Equipment
- XIV - Non-ferrous Metal Products
- XV - Electrical Apparatus and Supplies
- XVI - Non-metallic Mineral Products
- XVII - Products of Petroleum and Coal
- XVIII - Chemicals and Allied Products
- XIX - Miscellaneous Manufactures

The present report belongs in Part XVIII, 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, 1954 - June 30, 1955

Sales of mixed fertilizers and fertilizer materials for direct application to the soil, including exports, amounted to 1,608,565 tons in the year ended June 30, 1955. Sales to Canadian users totalled 790,774 tons, including 139,301 tons of fertilizer materials and 651,473 tons of mixtures. Sales of the latter were practically unchanged from the previous year; however, sales of materials declined 13.8 per cent from the previous year.

Production of fertilizer materials in the period under review, including such items as ammonium nitrate, ammonium phosphate, ammonium sulphate, superphosphate and cyanamide, amounted to 1,198,812 tons, compared with 1,091,425 tons in the preceding year, and the output of mixed fertilizers increased from 700,995 tons to 720,084 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 935,338 tons, compared with 745,728 tons during the previous fertilizer year. The more important items which were brought in were natural phosphate rock, 506,931 tons; superphosphate, 208,284 tons; muriate of potash, 136,298 tons; nitrogen solution, 38,175 tons and sulphate potash, 13,166 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 781,777 tons of materials and 36,014 tons of mixtures, representing an increase of 12.8 per cent and decrease of 8.5 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, 1954 and 1955**

	Fertilizer materials			Mixed fertilizers			Total		
	1954	1955	Per cent change	1954	1955	Per cent change	1954	1955	Per cent change
	(short tons)								
Newfoundland .....	405	556	+ 37.3	4,044	4,768	+ 17.9	4,449	5,324	+ 19.7
Prince Edward Island .....	1,017	583	- 42.7	42,447	49,083	+ 15.6	43,464	49,666	+ 14.3
Nova Scotia .....	2,176	2,324	+ 6.8	25,947	26,626	+ 2.6	28,123	28,950	+ 2.9
New Brunswick .....	714	681	- 4.7	63,534	61,656	- 0.3	64,248	62,337	- 3.0
Quebec .....	16,383	17,910	+ 9.3	122,828	112,147	- 8.7	139,211	130,057	- 6.6
Ontario .....	50,938	48,517	- 4.8	375,673	380,235	+ 1.2	426,611	428,752	+ 0.5
Manitoba .....	21,593	14,118	- 34.7	470	498	+ 6.0	22,063	14,616	- 33.8
Saskatchewan .....	24,556	15,874	- 35.4	83	77	- 7.2	24,639	15,951	- 35.3
Alberta .....	28,284	24,208	- 14.4	136	105	- 22.8	28,420	24,313	- 14.5
British Columbia .....	14,415	14,530	+ 0.1	15,998	16,278	+ 1.8	30,413	30,808	+ 1.3
Canada .....	160,481	139,301	- 13.2	651,160	651,473	+ 0.1	811,641	790,774	- 2.6
Export .....	693,150	781,777	+ 12.8	39,379	36,014	- 8.5	732,529	817,791	+ 11.6
<b>Total .....</b>	<b>853,631</b>	<b>921,078</b>	<b>+ 7.9</b>	<b>690,539</b>	<b>687,487</b>	<b>- 0.4</b>	<b>1,544,170</b>	<b>1,608,565</b>	<b>+ 4.2</b>

**TABLE 2. Production and Imports of Fertilizers, as Reported by Manufacturers and Importers During the Years Ended June 30, 1954 and 1955**

Item	1954		1955	
	Manufactured	Imported	Manufactured	Imported
	(short tons)			
Mixed fertilizers - solid .....	700,995	1,411	719,205	848
Mixed fertilizers - liquid .....	1	4	1	2
Nitrogen solution .....	-	30,157	1	38,175
Ammonium sulphate .....	203,318	12,304	241,569	15,375
Superphosphate .....	1	188,832	1	208,284
Ammonium nitrate .....	1	-	1	280
Ammonium phosphate .....	1	20	1	120
Cyanamide .....	1	-	1	30
Natural phosphate rock <sup>2</sup> .....	-	341,766	-	506,931
Bone meal or bone flour .....	594	150	580	623
Muriate of potash, 50% K <sub>2</sub> O .....	-	11,508	-	320
Muriate of potash, 60% K <sub>2</sub> O .....	-	127,638	-	135,978 <sup>4</sup>
Sulphate of potash .....	-	17,067	-	13,166 <sup>4</sup>
Sulphate of potash, magnesia .....	-	1,892	-	1,887 <sup>4</sup>
Tankage .....	143	50	236	80
Sheep manure .....	-	1,467	-	1,564
Dried blood .....	160	-	1	-
Nitrate of soda .....	-	1,057	-	1,083
Sewage sludge .....	-	6,441	-	7,393
Other materials <sup>3</sup> .....	1,144	3,964	6,192	3,199

1. Not available for publication.
2. Used in making superphosphate and ammonium phosphate in Canadian fertilizer plants.
3. Lime has not been included.
4. As reported in Trade of Canada, Vol. III Imports.

TABLE 3. Sales of Fertilizers, Except for Manufacturing Purposes, During the Year Ended June 30, 1954

Kind	Newfoundland	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 <sub>2</sub> O <sub>5</sub> .....	15	299	1,044	369	7,656	17,651	1	—	15	1,786	28,836
45% P <sub>2</sub> O <sub>5</sub> .....	—	—	—	—	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 <sub>2</sub> O .....	—	—	—	—	14	95	—	—	—	—	109
60% K <sub>2</sub> O .....	1	48	65	47	296	3,899	5	—	—	603	4,964
Sulphate of potash .....	22	—	5	—	3	290	1	—	—	222	543
Tankage .....	—	—	—	—	—	—	—	—	—	246	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 <sup>1</sup> .....	—	—	3	2	1,233	1,039	—	—	1	281	2,559
<b>Total materials .....</b>	<b>405</b>	<b>1,017</b>	<b>2,176</b>	<b>714</b>	<b>16,383</b>	<b>50,938</b>	<b>21,593</b>	<b>24,556</b>	<b>28,284</b>	<b>14,415</b>	<b>160,481</b>
Mixed fertilizers .....	4,044	42,447	25,947	63,534	122,828	375,673	470	83	136	15,998	651,160
<b>Total — 1953-1954 .....</b>	<b>4,449</b>	<b>43,464</b>	<b>28,123</b>	<b>64,248</b>	<b>139,211</b>	<b>426,611</b>	<b>22,063</b>	<b>24,639</b>	<b>28,420</b>	<b>30,413</b>	<b>811,641</b>
<b>Total — 1952-1953 .....</b>	<b>4,846</b>	<b>49,549</b>	<b>30,343</b>	<b>70,114</b>	<b>131,448</b>	<b>399,380</b>	<b>31,871</b>	<b>33,312</b>	<b>36,293</b>	<b>32,649</b>	<b>819,803</b>

1. Lime has not been included.

TABLE 4. Sales of Fertilizers, Except for Manufacturing Purposes, During the Year Ended June 30, 1955

Kind	Newfoundland	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 .....	325	—	2	—	103	521	—	—	—	8	959
Sulphate of ammonia .....	6	42	145	31	108	557	89	62	803	2,147	3,990
Cyanamide .....	—	1	39	4	549	2,375	—	—	—	188	3,156
Ammonium nitrate .....	96	269	804	203	988	14,428	75	174	1,968	3,293	22,298
Ammonium phosphate—11-48-0 ..	—	—	271	62	23	1,429	10,778	14,219	17,865	1,084	45,731
16-20-0 ..	—	—	—	—	—	186	3,136	1,180	3,195	3,295	10,956
Superphosphate—20% P <sub>2</sub> O <sub>5</sub> .....	24	243	757	301	7,043	15,287	—	—	10	1,906	25,571
45% P <sub>2</sub> O <sub>5</sub> .....	—	—	—	—	25	184	—	—	—	93	302
Natural phosphate rock .....	—	—	103	34	6,951	348	—	—	—	89	7,525
Basic slag .....	—	—	—	—	634	—	—	—	—	—	634
Bone meal, bone flour, etc. ....	—	—	26	7	98	496	22	60	82	742	1,533
Muriate of potash—50% K <sub>2</sub> O .....	—	—	—	—	2	10	—	—	—	—	12
60% K <sub>2</sub> O .....	2	28	84	37	273	3,469	12	3	19	688	4,615
Sulphate of potash .....	103	—	4	—	17	371	6	—	6	146	653
Tankage .....	—	—	—	—	—	—	—	—	98	254	352
Sheep manure .....	—	—	54	—	533	861	—	—	—	121	1,589
Dried blood .....	—	—	—	—	2	18	—	—	40	111	171
Sewage sludge .....	—	—	—	—	60	5,743	—	—	—	197	6,000
Other fertilizer materials <sup>1</sup> .....	—	—	35	2	501	2,234	—	176	122	204	3,274
<b>Total materials .....</b>	<b>556</b>	<b>583</b>	<b>2,324</b>	<b>681</b>	<b>17,910</b>	<b>48,517</b>	<b>14,118</b>	<b>15,874</b>	<b>24,268</b>	<b>14,530</b>	<b>139,301</b>
Mixed fertilizers .....	4,768	49,083	26,626	61,656	112,147	380,235	498	77	105	16,278	651,473
<b>Total — 1954-1955 .....</b>	<b>5,324</b>	<b>49,666</b>	<b>28,950</b>	<b>62,337</b>	<b>130,057</b>	<b>428,752</b>	<b>14,618</b>	<b>15,951</b>	<b>24,313</b>	<b>30,808</b>	<b>790,774</b>
<b>Total — 1953-1954 .....</b>	<b>4,449</b>	<b>43,464</b>	<b>28,123</b>	<b>64,248</b>	<b>139,211</b>	<b>426,611</b>	<b>22,063</b>	<b>24,639</b>	<b>28,420</b>	<b>30,413</b>	<b>811,641</b>

1. Lime has not been included.



TABLE 5. Mixed Fertilizers Sold During the Year Ended June 30, 1954

Analysis			New- found- land	Prince Edward Island	Nova Scotia	New Brunsw- wick	Quebec	Ontario	Manitoba, Saskatchewan and Alberta	British Columbia	Total sold in Canada	Exported from Canada
N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	(short tons)									
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	—	—	—	—	—	—	—	316	39,702	—
3	8	15	—	—	—	2	24,444	14,940	—	—	382	—
3	10	8	—	—	—	—	—	967	—	—	967	—
3	12	12	—	—	—	—	435	3,546	—	—	3,983	24
3	12	16	—	—	—	—	12	1,401	—	—	1,413	—
3	15	6	694	5,561	11,373	8,352	—	—	—	—	25,960	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	1,991	3,742	—	—	5,739	18
4	12	8	—	—	—	11	—	172	—	—	183	—
4	12	10	—	—	—	—	6	30,671	—	—	30,671	—
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	1	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	—	—	—	—	895	—	—	—	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	—	—	—	—	—	—	—	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

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

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

## THE FERTILIZER TRADE

TABLE 6. Mixed Fertilizers Sold During the Year Ended June 30, 1955

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 <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O										
0	5	15	—	—	—	—	862	—	—	—	862	—
0	8	36	—	—	—	—	—	122	—	—	122	—
0	12	12	—	—	—	—	6	6,590	—	—	6,596	—
0	12	20	—	—	—	—	142	7,240	—	317	7,699	—
0	14	14	—	—	—	—	243	891	—	—	1,134	50
0	16	8	—	—	—	—	2,586	3,416	—	—	6,002	2
0	20	10	—	—	—	—	—	592	—	—	592	—
0	20	20	3	58	528	87	97	2,224	—	—	2,997	540
2	8	18	—	—	—	—	2,664	31	—	—	2,695	—
2	10	8	—	—	—	—	—	212	—	—	212	—
2	10	15	—	—	—	—	—	3,307	—	—	3,307	—
2	12	10	—	—	—	—	26,592	134,119	—	6	160,717	1
2	12	16	—	—	—	—	4	4,844	—	—	4,848	—
2	12	20	—	—	—	—	3	9,913	—	—	9,916	—
2	14	8	—	—	—	—	2,251	1,823	—	—	4,074	—
2	15	15	—	—	—	—	—	—	—	1,333	1,333	—
2	16	6	—	—	—	—	18,023	12,584	—	277	30,884	2
2	18	18	—	—	—	—	—	5,621	—	—	5,621	—
3	12	12	—	—	—	—	497	4,485	—	—	4,982	3
3	12	16	—	—	—	—	1	1,289	—	—	1,290	—
3	15	6	901	5,375	9,610	6,562	—	—	—	—	22,468	23
3	15	10	—	—	—	—	—	4,157	—	—	4,157	—
3	18	0	—	—	—	—	8	247	—	—	255	—
3	18	9	—	—	—	—	13	20,738	—	—	20,751	4
3	18	15	—	—	—	—	141	3,327	—	—	3,468	—
4	8	12	—	—	—	—	—	1,296	—	—	1,296	67
4	10	7	—	—	—	—	—	—	—	278	278	—
4	10	8	17	—	31	17	127	185	39	—	416	—
4	10	10	—	—	—	—	1	—	—	4,828	4,829	—
4	12	6	—	—	19	1	1,407	1,874	5	—	3,306	3
4	12	8	—	—	—	15	2	125	—	—	142	1
4	12	10	—	—	—	—	13	32,780	—	—	32,793	—
4	12	16	—	—	—	—	2	834	—	—	836	3
4	24	12	—	—	—	—	153	23,676	4	—	23,833	—
4	24	20	—	—	—	—	150	9,669	—	—	9,819	2
5	8	7	—	—	—	—	—	—	—	—	—	149
5	8	10	—	—	—	—	3,232	5	—	—	3,237	—
5	10	5	—	—	—	—	332	602	—	—	934	197
5	10	10	2,645	5,604	5,506	19,483	15,330	535	1	—	49,104	3,328
5	10	13	95	26,072	1,734	7,970	33,346	36,846	27	—	106,090	9
5	10	15	—	—	—	—	—	1,512	—	—	1,512	—
5	20	0	—	—	—	—	—	170	—	—	170	—
6	8	6	—	—	—	—	—	—	—	2,367	2,367	—
6	9	9	—	20	—	236	—	—	—	—	256	1,059
6	9	12	—	220	—	4,408	—	—	—	—	4,628	13,426
6	10	4	—	—	—	—	124	1,508	271	25	1,928	—
6	10	10	—	—	—	—	—	—	—	436	436	—
6	12	6	913	37	2,211	1,056	4	—	—	—	4,221	417
6	12	12	165	10,668	5,435	21,202	1,085	1,083	—	—	39,638	28
6	18	15	—	—	—	—	—	291	—	—	291	—
6	28	25	—	—	—	—	—	—	—	190	190	—
6	30	15	—	—	—	—	—	—	—	1,353	1,353	—
7	7	7	—	—	—	—	195	907	—	78	1,180	498
8	9	10	—	—	—	—	—	—	—	—	—	200
8	10	5	—	—	—	—	—	—	—	1,732	1,732	—
8	10	10	—	—	—	—	—	—	—	—	—	110
8	12	12	—	2	—	340	—	—	—	—	342	4,340
8	12	16	—	—	—	—	—	—	—	—	—	4,544
8	16	10	—	—	—	—	—	—	100	—	100	—
8	16	16	—	—	—	—	70	15	—	—	85	2,201
8	24	20	—	—	—	—	—	447	—	—	447	—
9	5	7	6	—	—	126	1,778	113	—	—	2,023	—
9	9	7	17	17	1,510	68	—	—	—	—	1,612	27
10	5	10	—	—	7	61	95	3,665	—	—	3,760	—
10	6	4	—	1	—	—	237	620	6	77	1,009	7
10	10	10	—	—	11	—	212	32,292	—	52	32,567	3,428
10	15	15	—	—	—	—	—	—	—	—	—	916
10	20	10	—	—	—	—	—	504	—	2,031	2,535	—
10	32	10	—	—	—	—	—	—	285	1	286	—
10	52	17	—	—	1	—	10	99	—	—	110	—
11	24	20	—	—	—	—	—	138	—	—	138	—
Miscellaneous other mixtures			6	1,009	23	4	109	672	42	797	2,662	429
Total			4,766	49,083	26,626	61,656	112,147	380,235	680	16,278	651,473	36,014

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

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

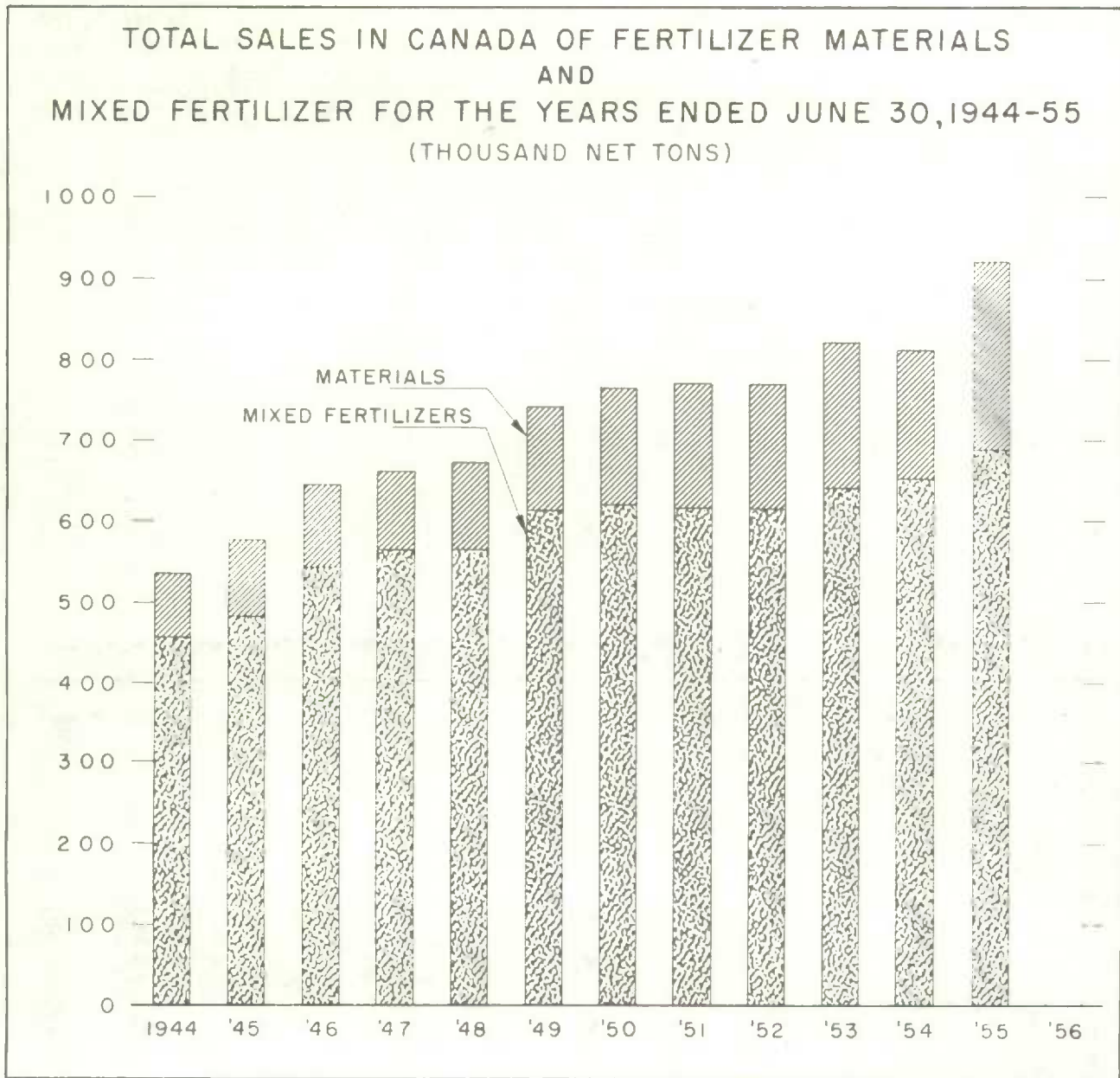


TABLE 7. Tobacco Specials Sold During the Year Ended June 30, 1955

Analysis	Quebec	Ontario	British Columbia	Total
N P <sub>2</sub> O <sub>5</sub> K <sub>2</sub> O				
0 12 20 .....	—	1,922	—	1,922
2 10 8 .....	—	131	—	131
2 10 15 .....	—	3,286	—	3,286
2 12 10 .....	4,011	43,883	8	47,900
2 18 18 .....	—	5,591	—	5,591
3 18 15 .....	—	1,246	—	1,246
5 8 10 .....	3,232	5	—	3,237
5 10 15 .....	—	1,512	—	1,512
Other .....	—	28	33	61
<b>Total .....</b>	<b>7,243</b>	<b>57,604</b>	<b>39</b>	<b>64,886</b>

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



## THE FERTILIZER TRADE

TABLE 8. Sales of Mixed Fertilizers Containing Guaranteed Percentages of Boron, During the Year Ended June 30, 1955

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 <sub>2</sub> O <sub>5</sub> K <sub>2</sub> O										
0 12 20 .....	—	—	—	—	1	138	—	—	139	—
2 8 16 .....	—	—	—	—	194	—	—	—	194	—
2 12 10 .....	—	—	—	—	159	1,762	—	—	1,921	—
2 12 16 .....	—	—	—	—	—	317	—	—	317	—
2 12 20 .....	—	—	—	—	—	125	—	—	125	—
2 16 6 .....	—	—	—	—	459	87	—	—	546	—
3 12 12 .....	—	—	—	—	—	110	—	—	110	—
3 12 16 .....	—	—	—	—	—	125	—	—	125	—
3 15 6 .....	624	2,113	1,220	788	—	—	—	—	4,745	6
3 18 9 .....	—	—	—	—	—	274	—	—	274	—
3 18 15 .....	—	—	—	—	—	111	—	—	111	—
4 12 10 .....	—	—	—	—	—	517	—	—	517	—
4 12 16 .....	—	—	—	—	—	274	—	—	274	—
5 10 5 .....	—	—	—	—	329	596	—	—	925	—
5 10 10 .....	—	20	—	47	157	26	—	—	250	—
5 10 13 .....	—	—	3	22	297	1,760	—	—	2,082	—
6 10 4 .....	—	—	—	—	124	1,414	—	—	1,538	—
9 5 7 .....	—	—	—	72	73	—	—	—	145	—
9 9 7 .....	14	17	1,266	37	—	—	—	—	1,334	—
Other .....	6	—	80	27	32	38	—	701	884	—
<b>Total .....</b>	<b>644</b>	<b>2,150</b>	<b>2,569</b>	<b>993</b>	<b>1,825</b>	<b>7,674</b>	<b>—</b>	<b>701</b>	<b>16,536</b>	<b>6</b>

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, 1955

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 <sub>2</sub> O <sub>5</sub> K <sub>2</sub> O										
3 12 12 .....	—	—	—	—	—	110	—	—	110	—
3 18 9 .....	—	—	—	—	—	265	—	—	265	—
5 8 7 .....	—	—	—	—	—	—	—	—	—	149
5 10 5 .....	—	—	—	—	329	596	—	—	925	—
5 10 10 .....	59	1,295	125	6,935	6	23	—	—	8,443	1,072
5 10 13 .....	5	6,959	254	2,896	303	1,754	—	—	12,171	11
6 9 9 .....	—	20	—	236	—	—	—	—	256	1,059
6 9 12 .....	—	220	—	3,275	—	—	—	—	3,495	13,426
6 10 4 .....	—	—	—	—	124	1,414	—	—	1,538	—
6 12 12 .....	11	3,004	1,124	10,178	—	—	—	—	14,317	—
6 18 15 .....	—	—	—	—	—	285	—	—	285	—
7 7 7 .....	—	—	—	—	—	—	—	—	—	470
8 9 10 .....	—	—	—	—	—	—	—	—	—	200
8 12 12 .....	—	2	—	336	—	—	—	—	338	4,340
8 12 16 .....	—	—	—	—	—	—	—	—	—	4,544
8 16 16 .....	—	—	—	—	—	—	—	—	—	266
10 10 10 .....	—	—	—	—	5	6	—	—	11	1,847
10 15 15 .....	—	—	—	—	—	—	—	—	—	916
Other .....	—	—	50	18	64	162	—	68	362	41
<b>Total .....</b>	<b>75</b>	<b>11,500</b>	<b>1,553</b>	<b>23,874</b>	<b>831</b>	<b>4,615</b>	<b>—</b>	<b>68</b>	<b>42,516</b>	<b>28,341</b>

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, 1955

County	Materials	Mixed fertilizers	Total
(short tons)			
Kings .....	73	6,495	6,568
Queens .....	300	16,274	16,574
Prince .....	210	25,314	25,524
No distribution .....	—	1,000	1,000
<b>Total .....</b>	<b>583</b>	<b>49,083</b>	<b>49,666</b>



TABLE 11. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Nova Scotia During the Year Ended June 30, 1955

County	Materials	Mixed fertilizers	Total
		(short tons)	
Annapolis .....	75	1,625	1,700
Antigonish .....	66	812	878
Cape Breton .....	49	902	951
Colchester .....	186	2,484	2,670
Cumberland .....	68	2,234	2,302
Digby .....	11	970	981
Guysborough .....	—	77	77
Halifax .....	125	1,070	1,195
Hants .....	106	2,210	2,316
Inverness .....	44	680	724
Kings .....	1,340	9,098	10,438
Lunenburg .....	41	1,700	1,741
Pictou .....	148	1,706	1,854
Richmond .....	4	119	123
Queens .....	49	171	220
Shelburne .....	—	107	107
Victoria .....	4	112	116
Yarmouth .....	8	549	557
<b>Total</b> .....	<b>2,324</b>	<b>26,626</b>	<b>28,950</b>

TABLE 12. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in New Brunswick During the Year Ended June 30, 1955

County	Materials	Mixed fertilizers	Total
		(short tons)	
Albert .....	5	106	111
Carleton .....	23	19,943	19,966
Charlotte .....	24	768	792
Gloucester .....	93	1,438	1,531
Kent .....	81	1,429	1,510
King's .....	77	1,824	1,901
Madawaska .....	8	2,762	2,770
Northumberland .....	85	1,148	1,233
Queen's .....	25	495	520
Restigouche .....	18	2,377	2,395
Saint John .....	24	820	844
Sunbury .....	4	466	470
Victoria .....	10	20,138	20,148
Westmorland .....	112	3,762	3,874
York .....	92	4,180	4,272
<b>Total</b> .....	<b>681</b>	<b>61,656</b>	<b>62,337</b>

TABLE 13. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Quebec During the Year Ended June 30, 1955

County	Materials	Mixed fertilizers	Total
		(short tons)	
Abitibi .....	211	360	571
Argenteuil .....	58	284	342
Arthabaska .....	1,257	4,080	5,337
Beauharnois .....	274	488	762
Bagot .....	398	2,043	2,441
Beauce .....	173	2,966	3,139
Bellechasse .....	651	2,011	2,662
Berthier .....	136	2,043	2,179
Bonaventure .....	263	1,324	1,587
Brome .....	244	600	844
Chambly .....	90	416	506
Champlain .....	228	1,298	1,526
Charlevoix .....	47	636	683
Chateauguay .....	388	1,435	1,823
Chicoutimi .....	186	1,508	1,694
Compton .....	258	1,954	2,212
Dorchester .....	444	2,279	2,723
Drummond .....	511	2,371	2,882
Frontenac .....	176	1,324	1,500
Gaspé .....	67	576	643
Gatineau .....	9	168	177
Hochelega .....	1,004	1,438	2,442
Hull .....	2	8	10
Huntingdon .....	199	961	1,160
L'Islet .....	288	1,119	1,407
Iberville .....	321	1,047	1,368
Jacques Cartier .....	281	910	1,191
Joliette .....	682	4,326	5,008
Kamouraska .....	381	1,863	2,244
Labelle .....	36	1,044	1,080
La Prairie .....	98	1,441	1,539
Lake St. John .....	22	334	356
L'Assomption .....	244	1,964	2,208
Laval .....	115	6,187	6,302
Lavolette .....	21	202	223
Lévis .....	438	1,046	1,484
Lotbinière .....	580	2,345	2,925
Maskinongé .....	15	85	100
Matapédia .....	114	893	1,007
Matane .....	113	1,758	1,871
Montmorency .....	75	1,758	1,833
Mégantic .....	264	2,620	2,884
Montcalm .....	109	3,263	3,372
Montmagny .....	149	387	536
Montreal .....	—	—	—
Missisquoi .....	581	1,721	2,302
Napierville .....	65	6,056	6,121
Nicolet .....	582	3,013	3,595
Papineau .....	87	1,929	2,016
Pontiac .....	10	133	143
Portneuf .....	237	2,196	2,433
Québec .....	688	1,294	1,982
Rouville .....	618	3,418	4,036
Richelieu .....	153	743	896
Richmond .....	79	846	925
Rimouski .....	340	1,777	2,117
Rivière-du-Loup .....	254	4,719	4,973
Roberval .....	30	210	240
Rouyn .....	—	79	79
Saguenay .....	2	132	134
St. Hyacinthe .....	723	3,133	3,856
St. Johns .....	111	976	1,087
St. Maurice .....	158	908	1,066
Shefford .....	171	1,676	1,847
Sherbrooke .....	165	822	987
Soulanges .....	67	200	267
Stanstead .....	290	1,493	1,783
Témiscamingue .....	54	52	106
Témiscouata .....	40	912	952
Terrebonne .....	67	1,309	1,376
Three Rivers .....	—	—	—
Two Mountains .....	146	1,022	1,168
Verchères .....	278	1,164	1,442
Vaudreuil .....	96	142	238
Wolfe .....	76	1,096	1,172
Yamaska .....	122	1,038	1,160
Magdalen Island .....	—	—	—
No distribution .....	—	775	775
<b>Total, Quebec .....</b>	<b>17,910</b>	<b>112,147</b>	<b>130,057</b>

TABLE 14. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Ontario During the Year Ended June 30, 1955

County	Materials	Mixed fertilizers	Total
		(short tons)	
Algoma .....	40	628	668
Brant .....	778	7,879	8,657
Bruce .....	1,908	10,132	12,040
Carleton .....	570	1,538	2,108
Cochrane .....	194	685	879
Dufferin .....	159	5,397	5,556
Dundas .....	91	531	622
Durham .....	511	7,103	7,614
Elgin .....	1,536	22,315	23,851
Essex .....	5,595	24,182	29,777
Frontenac .....	126	443	569
Grey .....	2,960	7,856	10,816
Glengarry .....	34	390	424
Grenville .....	115	1,331	1,446
Haldimand .....	361	4,483	4,844
Haliburton .....	4	77	81
Halton .....	344	4,011	4,355
Hastings .....	70	2,115	2,185
Huron .....	1,669	18,547	20,216
Kenora .....	4	12	16
Kent .....	7,713	54,533	62,246
Lambton .....	1,719	13,236	14,955
Lanark .....	85	978	1,063
Leeds .....	116	716	832
Lennox-Addington .....	32	573	605
Lincoln .....	1,637	4,881	6,518
Manitoulin .....	2	360	362
Middlesex .....	2,702	26,037	28,739
Muskoka .....	6	291	297
Nipissing .....	39	504	543
Norfolk .....	2,403	41,298	43,701
Northumberland .....	198	3,303	3,501
Ontario .....	437	5,745	6,182
Oxford .....	1,612	22,601	24,213
Parry Sound .....	9	568	577
Peel .....	314	4,476	4,790
Perth .....	960	12,918	13,878
Peterborough .....	169	1,600	1,769
Prescott .....	43	932	975
Prince Edward .....	198	1,798	1,996
Russell .....	112	951	1,063
Rainy River .....	2	27	29
Renfrew .....	174	413	587
Stormont .....	14	320	334
Simcoe .....	1,076	13,244	14,320
Sudbury .....	88	1,746	1,834
Temiskaming .....	36	397	433
Thunder Bay .....	29	633	662
Victoria .....	66	2,009	2,075
Waterloo .....	1,040	8,860	9,900
Welland .....	400	3,884	4,284
Wellington .....	821	11,630	12,451
Wentworth .....	1,116	7,350	8,466
York .....	2,431	11,189	13,620
No distribution .....	3,649	579	4,228
<b>Total, Ontario .....</b>	<b>48,517</b>	<b>380,235</b>	<b>428,752</b>



TABLE 15. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold During the Years Ended June 30, 1954 and 1955

Province	1954				1955			
	Total tonnage	Nitrogen (N)	Phosphoric acid (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	Total tonnage	Nitrogen (N)	Phosphoric acid (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)
(short tons)								
(a) In materials								
Newfoundland .....	405	76	3	11	556	85	5	51
Prince Edward Island .....	1,017	179	60	29	583	97	49	17
Nova Scotia .....	2,176	278	222	43	2,324	334	323	53
New Brunswick .....	714	89	76	28	681	81	103	22
Quebec .....	16,383	258	3,278	196	17,910	499	3,913	184
Ontario .....	50,938	5,971	5,312	2,545	48,517	6,959	4,330	2,282
Manitoba .....	21,593	2,635	8,897	4	14,118	1,730	5,805	10
Saskatchewan .....	24,556	2,829	11,171	—	15,874	1,969	7,075	2
Alberta .....	28,284	3,761	11,257	—	24,208	3,402	9,243	14
British Columbia .....	14,415	2,137	1,832	471	14,530	2,266	1,826	485
<b>Total Canada .....</b>	<b>160,481</b>	<b>18,213</b>	<b>42,108</b>	<b>3,327</b>	<b>139,301</b>	<b>17,422</b>	<b>32,672</b>	<b>3,120</b>
Exported from Canada .....	693,150	164,667	45,628	1,694	781,777	176,938	64,532	894
<b>Grand total .....</b>	<b>853,631</b>	<b>182,880</b>	<b>87,736</b>	<b>5,021</b>	<b>921,078</b>	<b>194,360</b>	<b>97,204</b>	<b>4,014</b>
(b) In mixtures								
Newfoundland .....	4,044	195	450	357	4,768	231	544	409
Prince Edward Island .....	42,447	1,940	4,373	4,544	49,083	2,404	5,295	5,597
Nova Scotia .....	25,947	1,145	3,190	2,062	26,626	1,250	3,335	2,357
New Brunswick .....	63,534	3,087	6,739	6,234	61,656	3,237	6,900	6,614
Quebec .....	122,828	4,103	14,591	12,177	112,147	4,008	12,954	11,540
Ontario .....	375,673	12,414	48,708	39,669	380,235	13,330	50,724	43,074
Manitoba .....	470	33	89	35	498	38	99	37
Saskatchewan .....	83	5	9	4	77	5	9	4
Alberta .....	136	11	21	9	105	9	22	8
British Columbia .....	15,998	879	2,069	1,550	16,278	898	2,150	1,579
<b>Total Canada .....</b>	<b>651,160</b>	<b>23,812</b>	<b>80,239</b>	<b>66,641</b>	<b>651,473</b>	<b>25,410</b>	<b>82,032</b>	<b>71,219</b>
Exported from Canada .....	39,379	2,531	3,974	4,573	36,014	2,492	3,999	4,417
<b>Grand total .....</b>	<b>690,539</b>	<b>26,343</b>	<b>84,213</b>	<b>71,214</b>	<b>687,487</b>	<b>27,902</b>	<b>86,031</b>	<b>75,636</b>
(c) Total								
Newfoundland .....	4,449	271	453	368	5,324	316	549	460
Prince Edward Island .....	43,464	2,119	4,433	4,573	49,666	2,501	5,344	5,614
Nova Scotia .....	28,123	1,423	3,412	2,105	28,950	1,584	3,658	2,410
New Brunswick .....	64,248	3,176	6,815	6,262	62,337	3,318	7,003	6,636
Quebec .....	139,211	4,361	17,869	12,373	130,057	4,507	16,867	11,724
Ontario .....	426,611	18,385	54,020	42,214	428,752	20,289	55,054	45,356
Manitoba .....	22,063	2,668	8,986	39	14,616	1,768	5,904	47
Saskatchewan .....	24,639	2,834	11,160	4	15,951	1,974	7,084	6
Alberta .....	28,420	3,772	11,278	9	24,313	3,411	9,265	22
British Columbia .....	30,413	3,016	3,901	2,021	30,808	3,164	3,976	2,064
<b>Total Canada .....</b>	<b>811,641</b>	<b>42,025</b>	<b>122,347</b>	<b>69,968</b>	<b>790,774</b>	<b>42,832</b>	<b>114,704</b>	<b>74,339</b>
Exported from Canada .....	732,529	167,198	49,602	6,267	817,791	179,430	68,531	5,311
<b>Grand total .....</b>	<b>1,544,170</b>	<b>209,223</b>	<b>171,949</b>	<b>76,235</b>	<b>1,608,565</b>	<b>222,262</b>	<b>183,235</b>	<b>79,650</b>

TABLE 16. Fertilizers Sold for Consumption During the Years Ended June 30, 1927-1955

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
1955	139,301	17.6	651,473	82.4	790,774

TABLE 17. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold During the Years Ended June 30, 1940-1955

Year	In materials			In mixtures			Total		
	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O	N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> 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	10,893	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	2,638	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	69,968
1955	17,422	32,672	3,120	25,410	82,032	71,219	42,832	114,704	74,339

TABLE 18. Lime and Limestone Produced in Canada for Agricultural Purposes, 1937-1954

Year	Lime	Limestone (including marl)	Year	Lime	Limestone (including marl)
	(short tons)			(short tons)	
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
1945	14,420	419,579	1954	10,923	362,110

## List of Reporting Companies, 1955

Name of company	Address
Agricultural Chemicals, Ltd.	P.O. Box 250, Port Hope, Ontario
Agricultural Chemicals, Ltd.	Chambly, Quebec
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
Canadian Shade Tree Service	Montreal, Quebec
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 Ste. Catherine St., W., Montreal, Quebec
Dominion Seed House	Georgetown, Ontario
Dominion Iron & Steel Corp.	Sydney, Nova Scotia
Dow Chemical of Canada Ltd.	Sarnia, Ontario
Farm Organic Fertilizers	Chilliwack, British Columbia
Fishermen's Co-operative Federation	2195 Commissioner St., Vancouver, British Columbia
Gainers Ltd.	South Edmonton, Alberta
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
Harris, W., and Co.	Toronto, Ontario
Houde, W., Ltd.	Laprairie, Quebec
Hy-Trous Company of Canada Ltd.	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
J. B. & D. Co. Ltd.	Unionville, Ontario
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
"Na-Churs" Plant Food Co. (Canada) Ltd.	London, Ontario
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
Read Brothers Fertilizers Limited	Elmira, Ontario
Sherritt Gordon Mines Ltd.	Fort Saskatchewan, Alberta
Steel Company of Canada, Ltd.	Hamilton, Ontario
Stone, William, Sons Ltd.	Ingersoll, Ontario
Summers Fertilizers Co., Inc.	St. Stephen, New Brunswick
Swift Canadian Company, Limited	1960 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
Witts Fertilizer Works	Norwich, Ontario
Young, Gordon, Ltd.	166 Keating St., Toronto, Ontario





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