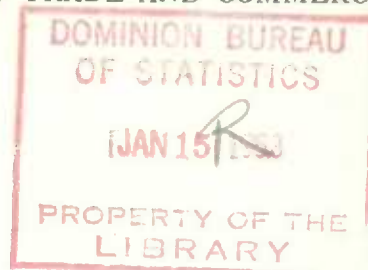


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DOMINION BUREAU OF STATISTICS — DEPARTMENT OF TRADE AND COMMERCE  
CANADA



## THE FERTILIZER TRADE

July 1, 1951 - June 30, 1952

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## NOTICE

The annual reports prepared by the Industry and Merchandising Division of the Bureau of Statistics are divided into 4 volumes, as follows: **Volume I**—The Primary Industries, including mining, forestry and fisheries; **Volume II**—Manufacturing; **Volume III**—Construction; **Volume IV**—Merchandising and Services. The volumes are made up of parts, and the parts in turn are subdivided according to the industries 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, by Provinces
  - Section 1. Principal Statistics of Major Industrial Groups and Leading Industries, 50¢.
  - Section 2. Principal Statistics of Individual Industries, 75¢.
  - Section 3. Principal Statistics by Regional Distribution, 75¢.
- III—Foods and Beverages
- IV—Tobacco and Tobacco Products
- V—Rubber Products
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- VIII—Wood and Paper Products
- IX—Printing Trades
- X—Iron and Steel Products
- XI—Transportation Equipment
- XII—Non-ferrous Metal Products
- XIII—Electrical Apparatus and Supplies
- XIV—Non-metallic Mineral Products
- XV—Products of Petroleum and Coal
- 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 Fertilizer Manufacturing 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, 1951 - June 30, 1952

Sales of mixed fertilizers and of fertilizer materials for direct application to the soil, including exports, amounted to 1,428,775 tons in the year ended June 30, 1952. Sales to Canadian users totalled 768,545 tons, including 156,049 tons of fertilizer materials and 612,496 tons of mixtures, the latter tonnages being up 1.4 per cent and down 0.7 per cent respectively from 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 1,061,067 tons, compared with 1,043,413 tons in the preceding year, and the output of mixed fertilizers increased from 664,270 tons to 677,921 tons. The figures for materials and mixtures are not additive as some of the former were used in making the latter.

Imports of fertilizers amounted to 720,880 tons, compared with 724,341 tons during the previous fertilizer year. The more important items which were brought in were: natural phosphate rock, 378,426 tons; superphosphate, 180,181 tons; muriate of potash, 114,338 tons; nitrogen solution, 24,637 tons; and sulphate of potash, 10,606 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 617,575 tons of materials and 42,655 tons of mixtures, representing a drop of 3.5 per cent and an increase of 61.6 per cent respectively from the previous fertilizer year. Ammonium sulphate, ammonium phosphate, ammonium nitrate, and cyanamide were the principal materials exported.

TABLE I. Sales of Fertilizers, Years Ended June 30, 1951 and 1952

	Fertilizer materials			Mixed fertilizers			Total		
	1951	1952	Percent change	1951	1952	Percent change	1951	1952	Percent change
	(short tons)								
Newfoundland .....	394	439	+ 11.4	4,267	4,349	+ 1.9	4,661	4,788	+ 2.7
Prince Edward Island .....	1,620	1,353	- 16.5	33,637	41,514	+ 23.4	35,257	42,867	+ 21.6
Nova Scotia .....	2,876	2,115	- 26.5	29,961	27,151	- 9.4	32,337	29,266	- 9.4
New Brunswick .....	2,476	1,096	- 55.7	57,352	62,304	+ 8.6	59,828	63,400	+ 5.9
Quebec .....	10,233	10,846	+ 5.9	140,131	122,106	- 12.9	150,364	132,952	- 11.6
Ontario .....	34,135	41,218	+ 20.7	334,161	337,731	+ 1.1	368,296	378,949	+ 2.9
Manitoba .....	22,385	26,718	+ 19.4	330	366	+ 10.9	22,715	27,084	+ 19.2
Saskatchewan .....	31,362	27,486	- 12.4	86	78	- 9.3	31,448	27,564	- 12.4
Alberta .....	35,763	31,761	- 11.2	94	87	- 7.5	35,857	31,848	- 11.2
British Columbia .....	12,689	13,017	+ 2.6	16,505	16,810	+ 1.8	29,194	29,827	+ 2.2
Canada .....	153,933	156,049	+ 1.4	616,574	612,496	- 0.7	770,507	768,545	- 0.3
Export .....	639,897	617,575	- 3.5	26,395	42,655	+ 61.6	666,292	660,230	- 0.1
Total .....	793,830	773,624	- 2.5	642,969	655,151	+ 1.9	1,436,799	1,428,775	- 0.6

**TABLE 2. Production and Imports of Fertilizers, as Reported by Manufacturers and Importers During the Years Ended June 30, 1951 and 1952**

Item	1951		1952	
	Manufactured	Imported	Manufactured	Imported
	(Short tons)			
Mixed fertilizers — solid .....	663,737	29	677,580	30
Mixed fertilizers — liquid .....	533	2	341	1
Nitrogen solution .....	—	22,838	—	24,637
Ammonium sulphate .....	214,791	89	213,459	201
Superphosphate .....	1	168,900	1	180,181
Ammonium nitrate .....	1	—	1	—
Ammonium phosphate .....	1	70	1	7
Cyanamide .....	1	1	1	1
Natural phosphate rock <sup>2</sup> .....	—	400,636	—	378,426
Bone meal or bone flour .....	1,374	170	1,466	170
Muriate of potash, 50% K <sub>2</sub> O .....	—	10,324	—	13,733
Muriate of potash, 60% K <sub>2</sub> O .....	—	97,273	—	100,605
Sulphate of potash .....	—	10,988	—	10,606
Sulphate of potash, magnesia .....	—	1,200	—	1,511
Potash manure salts .....	—	—	—	—
Tankage .....	425	—	955	1,248
Sheep manure .....	—	2,287	—	1,735
Dried blood .....	149	—	198	—
Nitrate of soda .....	—	914	—	1,015
Other materials <sup>3</sup> .....	266	8,367	374	6,672

1. Not available for publication.

2. Used in making superphosphate and ammonium phosphate in Canadian fertilizer plants.

3. Lime has not been included.

**TABLE 3. Sales of Fertilizers, Except for Manufacturing Purposes, During the Year Ended June 30, 1951**

Kind	Newfound-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total sold in Canada
Fertilizer materials											
Nitrate of Soda .....	208	—	1	—	66	700	1	—	—	20	996
Sulphate of ammonia .....	13	181	235	135	183	327	75	46	590	2,212	3,997
Calcium cyanamide .....	—	36	113	71	29	3,015	—	—	—	205	3,469
Ammonium nitrate .....	144	485	613	392	425	5,504	—	—	566	1,704	9,833
Ammonium phosphate:											
11-48-0 .....	—	—	—	—	—	2,367	20,359	30,000	30,012	950	83,688
16-20-0 .....	—	—	—	—	—	155	1,901	1,296	4,300	2,849	10,501
Superphosphate <sup>1</sup> .....	25	730	1,642	1,631	7,943	13,975	—	—	21	2,511	28,478
Natural phosphate rock .....	—	—	—	—	252	420	—	—	—	109	781
Basic slag .....	—	—	—	—	550	—	—	—	—	—	550
Bone meal and flour .....	—	—	41	7	51	529	28	2	82	623	1,363
Muriate of potash, 50% K <sub>2</sub> O ..	—	15	—	—	32	360	—	—	—	—	407
Muriate of potash, 60% K <sub>2</sub> O ..	4	167	100	179	74	1,963	1	—	—	540	3,028
Sulphate of potash .....	—	—	6	—	2	156	—	—	—	100	264
Tankage .....	—	—	—	—	—	—	—	—	154	225	379
Sheep manure .....	—	—	118	25	470	885	19	18	—	171	1,706
Dried blood .....	—	—	—	—	—	7	1	—	38	100	146
All other materials <sup>2</sup> .....	—	6	7	36	156	3,772	—	—	—	370	4,347
<b>Total materials</b> .....	<b>394</b>	<b>1,620</b>	<b>2,876</b>	<b>2,476</b>	<b>10,233</b>	<b>34,135</b>	<b>22,385</b>	<b>31,362</b>	<b>35,763</b>	<b>12,689</b>	<b>153,933</b>
Mixed fertilizers .....	4,267	33,637	29,961	57,352	140,181	334,161	330	86	94	16,505	616,574
<b>Total — 1950-51</b> .....	<b>4,661</b>	<b>35,257</b>	<b>32,837</b>	<b>59,828</b>	<b>150,414</b>	<b>368,296</b>	<b>22,715</b>	<b>31,448</b>	<b>35,857</b>	<b>29,194</b>	<b>770,507</b>
<b>Total — 1949-50</b> .....	<b>4,214</b>	<b>47,279</b>	<b>32,744</b>	<b>71,459</b>	<b>148,036</b>	<b>346,568</b>	<b>21,560</b>	<b>31,015</b>	<b>32,876</b>	<b>28,830</b>	<b>764,581</b>

1. Almost all 20% superphosphate.

2. Not included are 27,487 tons of lime sold as soil conditioner.



TABLE 4. Sales of Fertilizers, Except for Manufacturing Purposes, During the Year Ended June 30, 1952

Kind	New-foundland	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 .....	297	—	1	—	88	508	—	—	—	9	903
Sulphate of ammonia .....	13	143	181	78	106	326	45	39	547	2,157	3,635
Cyanamide .....	—	6	69	2	37	2,561	—	—	—	143	2,818
Ammonium nitrate .....	106	334	413	290	455	10,108	59	102	795	1,960	14,622
Ammonium phosphate — 11-48-0 .....	—	—	—	—	22	3,168	21,511	25,626	26,461	1,039	77,827
16-20-0 .....	—	—	—	—	—	245	5,055	1,703	3,651	2,792	13,448
Superphosphate — 20% P <sub>2</sub> O <sub>5</sub> .....	20	726	1,232	589	7,167	14,381	—	—	—	1,888	26,003
45% P <sub>2</sub> O <sub>5</sub> .....	—	—	—	—	—	31	—	—	—	—	31
Natural phosphate rock .....	—	—	—	—	520	380	—	—	—	103	1,003
Basic slag .....	—	1	—	—	1,077	—	—	—	—	—	1,078
Bone meal, bone flour, etc. ..	—	—	14	8	33	486	28	—	129	1,408	2,106
Muriate of potash — 50% K <sub>2</sub> O .....	—	—	—	2	45	226	4	—	—	—	277
60% K <sub>2</sub> O .....	3	128	35	81	80	2,913	—	—	—	531	3,771
Sulphate of potash .....	—	—	5	1	—	240	—	—	—	92	338
Tankage .....	—	—	—	—	—	815	—	—	135	194	1,144
Sheep manure .....	—	—	51	—	474	829	16	16	—	134	1,520
Dried blood .....	—	—	—	—	—	8	—	—	43	50	101
Other fertilizer materials (1) ..	—	15	114	45	742	3,993	—	—	—	517	5,426
<b>Total materials .....</b>	<b>439</b>	<b>1,353</b>	<b>2,115</b>	<b>1,096</b>	<b>10,846</b>	<b>41,218</b>	<b>26,718</b>	<b>27,486</b>	<b>31,761</b>	<b>13,017</b>	<b>156,049</b>
Mixed fertilizers .....	4,349	41,514	27,151	62,304	122,106	337,731	366	78	87	16,810	612,496
<b>Total — 1951-52 .....</b>	<b>4,788</b>	<b>42,867</b>	<b>29,266</b>	<b>63,400</b>	<b>132,952</b>	<b>378,949</b>	<b>27,084</b>	<b>27,564</b>	<b>31,848</b>	<b>29,827</b>	<b>768,545</b>
<b>Total — 1950-51 .....</b>	<b>4,661</b>	<b>35,257</b>	<b>32,837</b>	<b>59,828</b>	<b>150,414</b>	<b>368,296</b>	<b>22,715</b>	<b>31,448</b>	<b>35,857</b>	<b>29,194</b>	<b>770,507</b>

1. Lime has not been included.

TABLE 5. Mixed Fertilizers Sold During the Year Ended June 30, 1951

Analysis	New-foundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba, Saskatchewan and Alberta	British Columbia	Total sold in Canada	Exported
	(short tons)									
<b>N</b>										
<b>P<sub>2</sub>O<sub>5</sub></b>										
<b>K<sub>2</sub>O</b>										
0 12 12 .....	—	—	—	—	14	11,247	—	—	11,261	—
0 12 20 .....	—	—	—	—	—	4,000	—	521	4,521	—
0 16 8 .....	—	—	—	—	3,867	9,067	—	—	12,934	—
2 8 16 .....	—	—	—	1	1,632	423	—	—	2,056	6
2 10 8 .....	—	—	—	—	—	20,874	—	—	20,874	—
2 12 6 .....	—	—	—	—	45,113	106,245	3	—	151,361	15
2 12 10 .....	—	—	—	—	13,931	89,637	—	72	103,640	2
2 12 16 .....	—	—	—	—	—	2,541	—	—	2,541	—
2 12 20 .....	—	—	—	—	—	300	—	—	300	—
2 14 8 .....	—	—	—	—	2,518	3,056	—	—	5,574	—
2 15 15 .....	—	—	—	—	—	—	—	996	996	—
2 16 6 .....	—	—	—	—	14,535	11,368	4	757	26,664	12
3 10 8 .....	—	—	—	—	—	4,246	—	—	4,246	—
3 12 16 .....	—	—	—	—	—	919	—	—	919	—
3 15 6 .....	299	7,532	15,807	13,695	8	—	—	—	37,341	267
3 18 0 .....	—	—	—	—	375	820	—	—	1,195	—
3 18 9 .....	—	—	—	—	—	7,047	—	—	7,047	—
4 8 10 .....	—	—	—	—	39,841	26,409	3	—	66,253	67
4 10 10 .....	—	—	—	—	—	—	6	5,332	5,388	46
4 12 6 .....	—	—	—	29	1,460	3,596	—	—	5,085	102
4 12 8 .....	—	—	—	—	—	979	—	—	979	—
4 12 10 .....	—	—	—	—	92	10,939	29	5	11,065	—
4 24 12 .....	—	—	—	—	9	10,547	18	—	10,574	—
5 8 10 .....	—	—	—	—	2,384	5	—	—	2,389	—
5 10 5 .....	—	—	—	—	508	1,671	202	985	3,366	—
5 10 10 .....	2,723	9,755	8,722	29,350	5,947	53	—	2	56,557	3,151
5 10 13 .....	111	16,242	1,876	10,438	5,702	4,353	28	—	38,750	13
6 8 6 .....	—	—	—	—	—	—	—	2,220	2,220	—
6 9 12 .....	—	71	59	2,059	—	—	—	—	2,189	11,966
6 12 6 .....	1,096	4	2,340	1,424	1	8	—	—	4,873	190
6 30 15 .....	—	—	—	—	—	—	—	1,299	1,299	—
8 10 5 .....	—	—	—	—	—	—	—	1,403	1,403	—
9 5 7 .....	16	—	3	82	1,503	460	—	—	2,064	9
9 9 7 .....	12	—	1,067	135	10	—	—	—	1,224	—
10 6 4 .....	—	—	55	82	195	525	49	10	916	—
10 20 10 .....	—	—	—	—	2	—	2	1,343	1,347	—
Miscellaneous other mixtures ..	5	33	32	57	534	2,826	166	1,510	5,163	10,549
<b>Total .....</b>	<b>4,267</b>	<b>33,637</b>	<b>29,961</b>	<b>57,352</b>	<b>140,181</b>	<b>334,161</b>	<b>510</b>	<b>16,505</b>	<b>616,574</b>	<b>26,395</b>

TABLE 6. Mixed Fertilizers Sold During Year Ended June 30, 1952

Analysis			Newfound- 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	12	12	—	—	—	—	15	10,094	—	249	10,358	—
0	12	20	—	—	—	—	6	4,548	—	239	4,793	—
0	18	8	—	—	4	—	3,354	7,347	—	—	10,705	18
2	8	16	—	—	—	1	1,656	66	—	—	1,723	1
2	10	8	—	—	—	—	—	13,400	—	—	13,400	—
2	12	6	—	—	—	—	33,599	89,334	—	—	122,933	33
2	12	10	—	—	—	—	13,271	95,328	2	47	108,648	—
2	12	16	—	—	—	—	2	3,981	—	—	3,983	—
2	14	8	—	—	—	—	2,516	3,174	—	—	5,690	—
2	16	6	—	—	—	—	12,177	13,967	2	798	26,944	—
3	10	8	—	—	—	—	—	3,296	—	—	3,296	—
3	12	16	—	—	—	—	—	1,574	—	—	1,574	—
3	15	6	727	7,883	13,326	10,225	—	736	—	—	32,897	355
3	18	0	—	—	—	—	238	850	—	—	1,088	—
3	18	9	—	—	—	—	—	13,110	—	—	13,110	—
4	6	10	—	—	—	—	35,355	26,271	3	—	61,629	25
4	10	10	—	—	—	—	—	—	—	5,182	5,182	39
4	12	6	—	—	—	1	1,242	3,376	—	—	4,619	67
4	12	10	—	—	—	—	143	16,513	41	2	16,699	—
4	24	12	—	—	—	—	27	12,739	2	—	12,768	—
5	7	10	—	—	—	—	—	—	—	—	—	494
5	8	10	—	—	—	—	1,465	—	—	—	1,465	—
5	10	5	—	—	—	—	554	1,661	209	704	3,128	32
5	10	10	2,777	11,863	8,112	35,008	6,464	66	—	—	64,290	4,238
5	10	13	121	21,335	2,085	11,596	8,416	7,488	38	—	51,079	12
6	8	6	—	—	—	—	—	—	—	2,427	2,427	—
6	9	9	2	14	7	852	—	—	—	—	875	3,554
6	9	12	—	350	27	2,950	—	—	—	—	3,327	26,203
6	12	6	702	22	2,546	1,424	—	—	—	—	4,694	411
6	30	15	—	—	—	—	—	—	—	1,612	1,612	—
8	10	5	—	—	—	—	—	—	—	1,629	1,629	—
8	12	16	—	—	—	—	—	—	—	—	—	3,028
9	5	7	—	4	—	85	1,155	329	—	—	1,573	17
9	9	7	12	14	877	73	—	—	—	—	976	—
10	5	10	—	—	—	—	—	1,900	—	—	1,900	—
10	6	4	—	—	13	34	129	602	23	51	852	—
10	10	10	—	—	5	—	4	2,268	—	—	2,277	503
10	20	10	—	—	—	—	—	—	—	1,677	1,677	—
Miscellaneous other mixtures.			8	29	149	55	318	3,713	211	2,193	6,676	3,625
<b>Total</b>			<b>4,349</b>	<b>41,514</b>	<b>27,151</b>	<b>62,304</b>	<b>122,106</b>	<b>337,731</b>	<b>531</b>	<b>16,810</b>	<b>612,496</b>	<b>42,655</b>

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, 1952

Analysis			Quebec	Ontario	British Columbia	Total
(short tons)						
N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O				
0	12	20	—	197	—	197
2	10	8	—	12,470	—	12,470
2	12	10	2,932	37,153	47	40,132
3	10	8	—	2,408	—	2,408
3	15	12	—	547	—	547
4	8	10	38	670	—	708
5	8	10	1,471	—	—	1,471
other			75	1	—	76
<b>Total</b>			<b>4,516</b>	<b>53,446</b>	<b>47</b>	<b>58,009</b>

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, 1952

Analysis	New-foundland	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										
2 12 6 .....	—	—	—	—	191	17	—	—	208	—
2 12 10 .....	—	—	—	—	83	30	—	—	113	—
2 12 16 .....	—	—	—	—	—	815	—	—	815	—
2 16 6 .....	—	—	—	—	419	481	—	5	905	—
3 12 16 .....	—	—	—	—	—	402	—	—	402	—
3 15 6 .....	424	3,021	1,261	885	—	—	—	—	5,591	—
5 10 5 .....	—	—	—	—	534	1,609	—	704	2,847	—
5 10 10 .....	—	31	—	48	32	—	—	—	111	10
5 10 13 .....	—	25	—	29	164	1,186	—	—	1,404	—
6 12 6 .....	82	—	41	21	—	—	—	—	144	—
6 27 25 .....	—	—	—	—	—	—	—	120	120	—
9 9 7 .....	10	—	873	69	—	—	—	—	952	—
12 8 0 .....	—	—	—	—	—	—	—	312	312	—
Other .....	—	—	—	21	110	34	—	85	250	35
<b>Total .....</b>	<b>516</b>	<b>3,077</b>	<b>2,175</b>	<b>1,073</b>	<b>1,533</b>	<b>4,574</b>	<b>—</b>	<b>1,226</b>	<b>14,174</b>	<b>45</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, 1952

Analysis	New-foundland	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 15 6 .....	—	—	—	104	—	—	—	—	104	—
5 10 10 .....	55	4,217	405	15,437	—	—	—	—	20,114	1,106
5 10 13 .....	19	10,166	218	4,453	119	11	—	—	14,986	—
5 18 5 .....	—	—	113	—	—	—	—	—	113	—
6 9 9 .....	—	—	1	615	—	—	—	—	616	29
6 9 12 .....	—	350	11	2,355	—	—	—	—	2,716	874
7 8 7 .....	—	—	—	—	—	—	—	—	—	130
8 16 16 .....	—	—	—	—	—	—	—	—	—	175
Other .....	—	26	22	18	24	34	—	21	145	151
<b>Total .....</b>	<b>74</b>	<b>14,759</b>	<b>770</b>	<b>22,982</b>	<b>143</b>	<b>45</b>	<b>—</b>	<b>21</b>	<b>38,794</b>	<b>2,465</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, 1952

County	Materials	Mixed fertilizers	Total
(short tons)			
Kings .....	264	5,709	5,973
Queens .....	817	17,728	18,545
Prince .....	272	18,077	18,349
<b>Total .....</b>	<b>1,353</b>	<b>41,514</b>	<b>42,867</b>

**TABLE 11. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Nova Scotia During the Year Ended June 30, 1952**

County	Materials	Mixed fertilizers	Total
Annapolis .....	87	1,682	1,769
Antigonish .....	95	1,050	1,145
Cape Breton .....	52	1,106	1,158
Colchester .....	217	2,311	2,528
Cumberland .....	47	2,386	2,433
Digby .....	36	964	1,000
Guysborough .....	1	144	145
Halifax .....	203	999	1,202
Hants .....	132	2,473	2,605
Inverness .....	74	785	859
Kings .....	887	8,106	8,993
Lunenburg .....	51	1,752	1,803
Pictou .....	138	2,084	2,222
Richmond .....	70	337	407
Queens .....	—	74	74
Shelburne .....	—	105	105
Victoria .....	8	141	149
Yarmouth .....	17	652	669
<b>Total .....</b>	<b>2,115</b>	<b>27,151</b>	<b>29,266</b>

**TABLE 12. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in New Brunswick During the Year Ended June 30, 1952**

County	Materials	Mixed fertilizers	Total
Albert .....	57	352	409
Carleton .....	140	20,868	21,008
Charlotte .....	36	858	894
Gloucester .....	180	1,744	1,924
Kent .....	102	1,401	1,503
King's .....	87	2,094	2,181
Madawaska .....	42	2,420	2,462
Northumberland .....	72	1,109	1,181
Queen's .....	44	812	856
Restigouche .....	43	2,016	2,059
Saint John .....	52	1,028	1,080
Sunbury .....	2	333	335
Victoria .....	14	18,420	18,434
Westmorland .....	136	3,866	4,002
York .....	89	4,983	5,072
<b>Total .....</b>	<b>1,096</b>	<b>62,304</b>	<b>63,400</b>

**TABLE 13. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Quebec During the Year Ended June 30, 1952**

County	Materials	Mixed fertilizers	Total
Abitibi .....	120	365	485
Argenteuil .....	528	333	861
Arthabaska .....	592	5,672	6,264
Beauharnois .....	65	666	731
Bagot .....	218	1,961	2,179
Beauce .....	150	4,025	4,175
Bellechasse .....	561	2,456	3,017
Berthier .....	8	961	969
Bonaventure .....	262	1,768	2,030
Brome .....	44	927	971
Chambly .....	58	753	811
Champlain .....	161	1,140	1,301



TABLE 13. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Quebec During the Year Ended June 30, 1952 - Concluded

County	Materials	Mixed fertilizers	Total
Charlevoix	55	819	874
Chateauguay	266	1,368	1,634
Chicoutimi	178	1,587	1,765
Compton	94	2,271	2,365
Dorchester	384	3,143	3,527
Drummond	189	2,857	3,046
Frontenac	34	2,070	2,104
Gaspé	96	1,003	1,099
Gatineau	18	223	241
Hochelega	433	1,743	2,176
Hull	-	-	-
Huntingdon	132	1,147	1,279
L'Islet	196	1,297	1,493
Iberville	94	1,646	1,740
Jacques Cartier	171	751	922
Joliette	111	3,854	3,965
Kamouraska	339	2,074	2,413
Labelle	3	482	485
La Prairie	18	2,307	2,325
Lake St. John	62	512	574
L'Assomption	81	1,485	1,566
Laval	83	4,978	5,061
Lavolette	16	282	298
Lévis	219	1,270	1,489
Lotbinière	579	3,360	3,939
Maskinongé	1	132	133
Matapédia	79	1,125	1,204
Matane	176	2,003	2,179
Montmorency	42	1,128	1,170
Mégantic	258	3,762	4,020
Montcalm	65	2,341	2,406
Montmagny	113	621	734
Missisquoi	180	2,311	2,491
Napierville	40	5,005	5,045
Nicolet	322	3,459	3,781
Papineau	13	1,002	1,015
Pontiac	50	168	218
Portneuf	200	2,347	2,547
Québec	285	1,804	2,089
Rouville	255	3,332	3,587
Rivière-du-Loup	158	813	971
Richmond	106	1,194	1,300
Rimouski	328	2,266	2,594
Rivière-du-Loup	200	4,769	4,969
Roberval	17	420	437
Saguenay	3	132	135
St. Hyacinthe	286	2,860	3,146
St. Johns	60	1,088	1,148
St. Maurice	65	799	864
Shefford	103	2,013	2,116
Sherbrooke	106	1,761	1,867
Soulanges	70	326	396
Stanstead	69	1,976	2,045
Témiscamingue	-	4	4
Témiscouata	50	1,320	1,370
Terrebonne	24	1,142	1,166
Two Mountains	68	978	1,046
Verchères	131	1,084	1,215
Vaudreuil	53	145	198
Wolfe	130	1,846	1,976
Yamaska	122	1,069	1,191
Magdalen Islands	-	5	5
<b>Total</b>	<b>10,846</b>	<b>122,106</b>	<b>132,952</b>

TABLE 14. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Ontario During the Year Ended June 30, 1952

County	Materials	Mixed fertilizers	Total
Algoma	26	661	687
Brant	458	6,016	6,474
Bruce	1,393	11,457	12,850
Carleton	569	1,898	2,467
Cochrane	74	943	1,017
Dufferin	750	4,123	4,873

**TABLE 14. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Ontario During the Year Ended June 30, 1952 - Concluded**

County	Materials	Mixed fertilizers	Total
Dundas .....	261	615	876
Durham .....	421	5,143	5,564
Elgin .....	1,505	21,402	22,907
Essex .....	4,297	21,520	25,817
Frontenac .....	119	558	677
Grey .....	1,071	8,599	9,670
Glengarry .....	103	631	734
Grenville .....	199	1,739	1,938
Haldimand .....	470	4,597	5,067
Haliburton .....	13	158	171
Halton .....	154	2,790	2,944
Hastings .....	140	1,774	1,914
Huron .....	1,349	17,312	18,661
Kenora .....	—	14	14
Kent .....	8,562	38,287	46,849
Lamton .....	1,481	12,321	13,802
Lanark .....	236	1,409	1,645
Leeds .....	142	732	874
Lennox-Addington .....	15	497	512
Lincoln .....	1,052	4,649	5,701
Mantoulin .....	48	519	567
Middlesex .....	1,498	23,449	24,947
Muskoka .....	17	475	492
Nipissing .....	46	615	661
Norfolk .....	1,502	33,988	35,490
Northumberland .....	127	1,956	2,083
Ontario .....	475	5,602	6,077
Oxford .....	980	22,008	22,988
Parry Sound .....	9	668	677
Peel .....	645	3,800	4,445
Perth .....	392	12,165	12,557
Peterborough .....	261	1,727	1,988
Prescott .....	150	1,082	1,232
Prince Edward .....	72	1,225	1,297
Russell .....	146	1,262	1,408
Rainy River .....	1	33	34
Renfrew .....	187	848	1,035
Stormont .....	207	762	969
Simcoe .....	1,365	12,346	13,711
Sudbury .....	125	1,840	1,965
Temiskaming .....	24	338	362
Thunder Bay .....	33	690	723
Victoria .....	125	1,839	1,964
Waterloo .....	767	7,878	8,645
Welland .....	533	2,354	2,887
Wellington .....	596	11,683	12,279
Wentworth .....	794	5,962	6,756
York .....	1,724	10,772	12,496
No distribution .....	3,509	—	3,509
<b>Total Ontario .....</b>	<b>41,218</b>	<b>337,731</b>	<b>378,949</b>

THE FERTILIZER TRADE

TABLE 15. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold During the Years Ended June 30, 1951 and 1952

Province	1951				1952			
	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 .....	394	83	5	2	439	85	4	2
Prince Edward Island.....	1,620	204	146	108	1,353	140	145	77
Nova Scotia .....	2,876	277	339	65	2,115	189	250	24
New Brunswick .....	2,476	172	328	108	1,096	112	120	50
Quebec .....	10,233	204	1,768	71	10,846	206	1,784	80
Ontario .....	34,135	3,173	4,311	1,450	41,218	4,715	4,844	1,993
Manitoba .....	22,385	2,560	10,159	1	26,718	3,204	11,343	2
Saskatchewan.....	31,362	3,517	14,860	1	27,486	3,083	12,641	—
Alberta .....	35,763	4,313	15,301	—	31,761	3,886	13,472	—
British Columbia .....	12,689	1,664	1,728	375	13,017	1,737	1,810	366
<b>Total Canada .....</b>	<b>153,933</b>	<b>16,167</b>	<b>48,745</b>	<b>2,181</b>	<b>156,049</b>	<b>17,357</b>	<b>46,413</b>	<b>2,594</b>
Exported from Canada.....	639,897	151,875	33,509	98	617,575	147,001	36,570	18
<b>Grand Total .....</b>	<b>793,830</b>	<b>168,042</b>	<b>82,254</b>	<b>2,279</b>	<b>773,624</b>	<b>164,358</b>	<b>82,983</b>	<b>2,612</b>
(b) In Mixtures								
Newfoundland.....	4,267	221	463	373	4,349	210	485	381
Prince Edward Island.....	33,637	1,530	3,740	3,551	41,514	1,923	4,543	4,482
Nova Scotia .....	29,961	1,251	3,820	2,292	27,151	1,152	3,432	2,110
New Brunswick .....	57,352	2,641	6,420	5,472	62,304	2,972	6,725	6,156
Quebec .....	140,181	4,117	15,538	11,864	122,106	3,714	13,407	10,470
Ontario .....	334,161	7,675	40,969	28,807	337,731	8,340	42,046	30,217
Manitoba.....	330	18	34	23	366	21	48	26
Saskatchewan.....	86	4	10	4	78	3	10	7
Alberta .....	94	5	10	5	87	3	12	8
British Columbia .....	16,505	866	2,138	1,558	16,810	875	2,243	1,566
<b>Total Canada .....</b>	<b>616,574</b>	<b>18,328</b>	<b>73,142</b>	<b>53,949</b>	<b>612,496</b>	<b>19,213</b>	<b>72,951</b>	<b>55,423</b>
Exported from Canada.....	26,395	1,579	2,634	3,094	42,655	2,557	4,065	4,950
<b>Grand Total .....</b>	<b>642,969</b>	<b>19,907</b>	<b>75,776</b>	<b>57,043</b>	<b>655,151</b>	<b>21,770</b>	<b>77,016</b>	<b>60,373</b>
(c) Total								
Newfoundland.....	4,661	304	468	375	4,788	295	489	383
Prince Edward Island.....	35,257	1,734	3,886	3,659	42,867	2,063	4,688	4,559
Nova Scotia .....	32,837	1,528	4,159	2,357	29,266	1,341	3,682	2,134
New Brunswick .....	59,828	2,813	6,748	5,580	63,400	3,084	6,845	6,206
Quebec .....	150,414	4,321	17,306	11,935	132,952	3,920	15,191	10,550
Ontario .....	368,296	10,848	45,280	30,257	376,949	13,055	48,890	32,210
Manitoba .....	22,715	2,578	10,193	24	27,084	3,225	11,391	28
Saskatchewan.....	31,448	3,521	14,670	5	27,564	3,086	12,651	7
Alberta .....	35,857	4,318	15,311	5	31,648	3,889	13,484	8
British Columbia .....	29,194	2,530	3,866	1,933	29,827	2,612	4,053	1,932
<b>Total Canada .....</b>	<b>770,507</b>	<b>34,495</b>	<b>121,887</b>	<b>56,130</b>	<b>768,545</b>	<b>36,570</b>	<b>119,364</b>	<b>58,017</b>
Exported from Canada.....	666,292	153,454	36,143	3,192	660,230	149,558	40,635	4,966
<b>Grand Total .....</b>	<b>1,436,799</b>	<b>187,949</b>	<b>158,030</b>	<b>59,322</b>	<b>1,428,775</b>	<b>186,128</b>	<b>159,999</b>	<b>62,985</b>

TABLE 16. Fertilizers Sold for Consumption During the Years Ended June 30, 1927 and 1929-1952

Year	Materials		Mixtures		Total tons
	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
1931	137,813	48.5	146,404	51.5	284,217
1932	92,864	51.6	87,119	48.4	179,983
1933	82,374	49.5	84,033	50.5	166,407
1934	98,955	50.8	95,896	49.2	194,851
1935	104,711	49.3	107,768	50.7	212,479
1936	96,479	41.2	137,361	58.8	233,840
1937	106,993	35.9	191,283	64.1	298,276
1938	106,774	33.0	216,602	67.0	323,376
1939	101,077	30.3	232,926	69.7	334,003
1940	85,638	24.7	261,083	75.3	346,721
1941	74,534	23.0	249,667	77.0	324,201
1942	72,136	17.2	347,411	82.8	419,547
1943	72,162	14.7	417,699	85.3	498,861
1944	79,233	14.8	455,875	85.2	535,108
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

TABLE 17. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold During the Years Ended June 30, 1936-1952

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)								
1936	3,972	14,963	4,071	4,276	13,427	10,303	8,248	28,390	14,374
1937	4,544	17,934	4,623	5,714	19,095	14,819	10,258	37,029	19,442
1938	4,509	17,321	4,779	6,247	22,185	17,142	10,756	39,506	21,921
1939	4,422	15,982	4,931	6,531	24,193	18,408	10,953	40,175	23,339
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

TABLE 18. Lime and Limestone Produced in Canada for Agricultural Purposes

Year	Lime	Limestone (including marl)	Year	Lime	Limestone (including marl)
(short tons)			(short tons)		
1935	6,430	81,564	1944	15,190	316,545
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			



## List of Reporting Companies, 1952

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
Better Gardens Ltd.	Vancouver, British Columbia
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; Beloeil, Quebec; Montreal, Quebec; Chatham, Ontario; Hamilton, Ontario
Chilean Nitrate Sales Corp.	120 Broadway, New York, N.Y., U.S.A.
Canadian Organic Developments Ltd.	Toronto, Ontario; Calgary, Alberta
Colonial Fertilizer Co. Ltd.	Windsor, Nova Scotia
Consolidated Mining, Smelting and Refining Company of Canada, Ltd.	Trail, British Columbia
Davey Tree Expert Co. of Canada, Ltd.	Toronto, Ontario
Dominion Potash	354 St. Catherine St. E., Montreal, Quebec
Dominion Seed House	Georgetown, Ontario
Dominion Iron & Steel Corp.	Sydney, Nova Scotia
Galners Ltd.	South Edmonton, Alberta
Globe Fertilizer Company Ltd.	Crompton Rd., Vancouver, British Columbia
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
Also Calcium Products	Campbellville, 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 297, Montreal, Quebec
Na-churs Plant Food Co. Ltd.	2 Langarth St. W., London, Ontario
North American Cyanamid Co.	Niagara Falls, Ontario
North American Cyanamid Co. (Welland works)	Niagara Falls, Ontario
Nutrex Chemical Co.	London, Ontario
Prince Edward Island Potato Growers' Association	Charlottetown, Prince Edward Island
Pulverized Manure Company	Union Stock Yards, Chicago, Illinois, U.S.A.
Read Brothers Fertilizers Limited	Elmira, Ontario
O.M. Scott & Sons Co.	Marysville, Ohio, U.S.A.
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	1960 St. Clair Ave. West, Toronto, Ontario
Swift Canadian Company, Limited	St. Boniface, Manitoba
Swift Canadian Company, Limited	Moose Jaw, Saskatchewan
Toronto Salt Works	Toronto, Ontario
United Co-operative Co. Ltd.	Toronto, Ontario
Vitalerth Products Ltd.	1741 W. 4th Ave., Vancouver, British Columbia
Whyte Packing Company	Stratford, Ontario
Witts Fertilizer Works	Norwich, Ontario
Young, Gordon, Ltd.	166 Keating St., Toronto, Ontario

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