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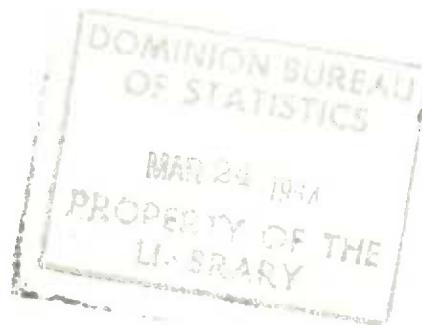
46-207

ANNUAL



# FERTILIZER TRADE

July 1, 1962 - June 30, 1963



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### SYMBOLS

The interpretation of the symbols used in the tables throughout this publication is as follows:

- .. figures not available.
- nil or zero.

# FERTILIZER TRADE

July 1, 1962 - June 30, 1963

Sales of mixed fertilizers and fertilizer materials for direct application to the soil, including exports amounted to 2,718,186 tons in the year ended June 30, 1963. Sales to Canadian users totalled 1,256,841 tons, including 448,097 tons of fertilizer materials and 808,744 tons of mixtures. Sales of materials increased 51.3 per cent and mixtures increased 3.9 per cent over the previous year.

Production of fertilizer materials (excluding anhydrous ammonia) in the period under review, including such items as ammonium nitrate, ammonium phosphate, ammonium sulphate, urea, potash, superphosphate and cyanamide, amounted to 2,424,033 tons. The output of mixed fertilizers totalled 923,920 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 (excluding anhydrous ammonia) amounted to 1,171,811 tons. The more important items which were brought in were natural phosphate rock, 866,477 tons; superphosphate, 142,670 tons; potassium chloride (muriate of potash), 102,254 tons; nitrogen solution, 3,727 tons and potassium sulphate (sulphate of potash) 21,223 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 of materials (including potash for the first time) amounted to 1,377,144 tons. Exports of mixed fertilizers amounted to 84,202 tons.

TABLE 1. Sales of Fertilizers, Years Ended June 30, 1962 and 1963

	Fertilizer materials			Mixed fertilizers			Total		
	1962	1963	Per cent change	1962	1963	Per cent change	1962	1963	Per cent change
	short tons								
Newfoundland .....	489	421	- 13.9	5,291	4,623	- 12.6	5,780	5,044	- 12.7
Prince Edward Island .....	366	415	+ 13.4	54,637	55,352	+ 1.3	55,003	55,767	+ 1.4
Nova Scotia .....	2,381	2,242	- 5.8	29,481	28,613	- 2.9	31,862	30,855	- 3.2
New Brunswick .....	736	814	+ 10.6	71,392	70,085	- 1.8	72,128	70,899	- 1.7
Quebec .....	15,854	14,784	- 6.8	180,231	174,685	- 3.1	196,085	189,469	- 3.4
Ontario .....	94,888	119,387	+ 25.8	435,160	452,284	+ 3.9	530,048	571,671	+ 7.9
Manitoba .....	33,073	45,608	+ 37.9	1,986	1,517	- 23.6	35,059	47,125	+ 34.4
Saskatchewan .....	47,750	71,951	+ 50.7	130	311	+139.2	47,880	72,262	+ 50.9
Alberta .....	126,064	169,273	+ 34.3	801	1,174	+ 46.6	126,865	170,447	+ 34.4
British Columbia .....	23,199	23,202	-	20,091	20,100	-	43,290	43,302	-
Canada .....	<b>344,800</b>	<b>448,097</b>	<b>+ 30.0</b>	<b>799,200</b>	<b>808,744</b>	<b>+ 1.2</b>	<b>1,144,000</b>	<b>1,256,841</b>	<b>+ 9.9</b>
Export .....	861,877	1,377,144	+ 59.8	60,627	84,201	+ 38.9	922,504	1,461,345	+ 58.4
Totals .....	<b>1,206,677</b>	<b>1,825,241</b>	<b>+ 51.3</b>	<b>859,827</b>	<b>892,945</b>	<b>+ 3.9</b>	<b>2,066,504</b>	<b>2,718,186</b>	<b>+ 31.5</b>

TABLE 2. Production and Imports of Fertilizers, as Reported by Manufacturers and Importers, during the Years Ended June 30, 1962 and 1963

Item	1962		1963	
	Manufactured	Imported	Manufactured	Imported
	short tons			
Mixed fertilizers - Solids .....	869,469	2,127	923,920	1,007
Mixed fertilizers - Liquids .....	1	-	2	-
Nitrogen solution .....	1	9,878	1	3,727
Ammonium sulphate (sulphate of ammonia) .....	296,019	7,205	269,270	9,025
Superphosphate .....	1	153,442	1	142,670
Ammonium nitrate .....	1	-	1	4,259
Ammonium phosphate .....	1	20	1	72
Cyanamide .....	1	-	1	-
Natural phosphate rock <sup>1</sup> .....	-	862,838	-	866,477
Bone meal, bone flour and bone phosphate .....	417	533	-	506
Potassium chloride (muriate of potash) .....	-	180,039 <sup>2</sup>	1	102,254 <sup>4</sup>
Potassium sulphate (sulphate of potash) .....	-	26,076 <sup>4</sup>	-	21,223 <sup>4</sup>
Potassium magnesium sulphate (sulphate of potash magnesia) .....	-	5,660 <sup>4</sup>	-	5,633 <sup>4</sup>
Tankage .....	133	578	-	338
Animal manure .....	-	1,771	-	2,354
Sodium nitrate (nitrate of soda) .....	-	629	-	519
Sewage sludge .....	-	8,214	-	6,843
Other materials <sup>3</sup> .....	1,409,474	7,427	2,154,763	5,904

<sup>1</sup> Not available for publication separately but included with "Other materials".

<sup>2</sup> Included with "Mixed fertilizers - Solids".

<sup>3</sup> Used in making superphosphate and ammonium phosphate in Canadian fertilizer plants.

<sup>4</sup> As reported in Trade of Canada, Vol. III, Imports.

<sup>5</sup> Lime and anhydrous ammonia not included.

TABLE 3. Sales of Fertilizers, Except for Manufacturing Purposes, during the Year Ended June 30, 1962

Kind	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Mani-toba	Saskat-chewan	Alberta	British Columbia	Total sold in Canada
short tons											
Fertilizer materials											
Animal manure .....	6	—	52	38	697	837	—	—	—	64	1,694
Anhydrous ammonia (for direct application only) .....	—	—	—	—	199	6,195	26	—	252	—	6,672
Ammonium nitrate .....	131	222	905	260	1,176	28,891	1,414	1,464	15,827	4,658	54,948
Ammonium nitrate phosphate .....	—	—	—	—	—	8	5,539	2,670	8,210	1,828	18,255
Ammonium phosphate—11-48-0 .....	—	—	—	—	11	4,702	18,559	39,090	54,848	2,413	119,423
13-39-0 .....	—	—	—	—	—	—	—	—	—	1	1
16-20-0 .....	—	—	—	—	—	787	6,809	4,049	38,616	5,527	55,788
Basic slag .....	—	—	—	—	661	69	—	—	—	—	730
Bone meal, bone flour and bone-phosphate .....	9	5	83	22	131	795	15	4	—	534	1,596
Cyanamide (fertilizer grade only) .....	—	1	19	—	47	685	—	—	—	87	839
Muriate of potash—60% .....	3	6	141	32	296	7,620	1	4	54	1,058	9,215
Natural phosphate rock .....	—	—	—	—	1,031	9	—	—	—	17	1,057
Nitrogen solution .....	—	—	—	—	152	6,683	—	—	—	—	6,835
Nitrate of soda .....	259	—	9	—	59	244	—	—	—	5	576
Sewage sludge .....	—	—	81	62	12	5,544	—	—	—	1,016	6,715
Sulphate of ammonia .....	6	17	77	60	205	531	160	246	7,346	2,039	10,687
Sulphate of potash .....	40	—	10	2	25	1,146	1	—	2	303	1,529
Sulphate of potash magnesia .....	—	5	—	—	37	887	—	—	—	258	1,187
Superphosphate—20% (P <sub>2</sub> O <sub>5</sub> ) .....	35	90	784	217	10,607	21,742	—	—	2	1,177	34,654
Superphosphate (triple)—45% (P <sub>2</sub> O <sub>5</sub> ) .....	—	—	—	—	1	1,088	1	25	24	648	1,787
Tankage .....	—	—	2	—	85	6	—	—	—	76	169
Urea (for fertilizer use only) .....	—	12	150	28	264	3,116	8	11	111	173	3,873
Other fertilizer materials <sup>1</sup> .....	—	8	68	15	158	3,303	540	187	972	1,317	6,568
<b>Total materials .....</b>	<b>489</b>	<b>366</b>	<b>2,381</b>	<b>736</b>	<b>15,854</b>	<b>94,888</b>	<b>33,073</b>	<b>47,750</b>	<b>126,064</b>	<b>23,199</b>	<b>344,800</b>
Mixed fertilizers (see Table 5) .....	5,291	54,637	29,481	71,392	180,231	435,160	1,986	130	801	20,091	799,200
<b>Totals, 1961-62 .....</b>	<b>5,780</b>	<b>55,003</b>	<b>31,862</b>	<b>72,128</b>	<b>196,085</b>	<b>530,048</b>	<b>35,059</b>	<b>47,880</b>	<b>126,865</b>	<b>43,290</b>	<b>1,144,000</b>
<b>Totals, 1960-61 .....</b>	<b>5,448</b>	<b>58,792</b>	<b>29,565</b>	<b>77,667</b>	<b>200,559</b>	<b>498,705</b>	<b>29,930</b>	<b>39,453</b>	<b>104,097</b>	<b>33,196</b>	<b>1,077,412</b>

<sup>1</sup> Does not include lime.

TABLE 4. Sales of Fertilizers, Except for Manufacturing Purposes, during the Year Ended June 30, 1963

Kind	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Mani-toba	Saskat-chewan	Alberta	British Columbia	Total sold in Canada
short tons											
Fertilizer materials											
Animal manure .....	2	—	34	40	937	1,361	—	—	—	57	2,431
Ammonia, anhydrous, 100% (for direct application only) .....	—	—	—	—	76	7,651	26	15	660	—	8,428
Ammonium nitrate .....	131	248	849	312	1,407	37,164	2,430	2,531	24,228	5,124	74,424
Ammonium nitrate phosphate .....	—	—	—	—	—	—	8,779	5,047	14,333	2,737	30,896
Ammonium phosphate—11-48-0 .....	—	—	3	—	145	6,322	23,292	56,304	67,550	2,771	156,387
16-20-0 .....	—	—	—	—	—	1,306	10,178	7,585	49,390	4,799	73,258
Other grades .....	—	—	—	—	70	426	486	77	1,933	182	3,174
Ammonium sulphate (sulphate of ammonia) .....	5	13	72	48	135	997	232	349	10,238	2,120	14,209
Basic slag .....	—	—	—	—	600	—	—	—	—	—	600
Bone meal, bone flour and bone phosphate .....	8	4	74	32	185	878	—	—	1	730	1,912
Calcium cyanamide "Cyanamid" (fertilizer grade) .....	—	—	13	1	28	486	2	—	—	255	785
Nitrogen solution .....	—	—	—	—	108	7,914	—	—	—	—	8,022
Phosphate rock .....	—	—	—	—	817	204	—	—	—	—	1,033
Potassium chloride (muriate of potash) .....	2	10	109	44	593	12,218	62	8	56	930	14,030
Potassium sulphate (sulphate of potash) .....	—	—	5	—	117	1,489	—	—	—	317	1,928
Potassium magnesium sulphate (sulphate of potash magnesia) .....	—	2	—	—	54	1,055	—	—	—	266	1,377
Sodium nitrate (nitrate of soda) .....	228	—	12	—	72	287	—	—	—	10	609
Sewage sludge .....	1	—	46	50	87	4,444	—	—	—	873	5,501
Super phosphate—22% or less P <sub>2</sub> O <sub>5</sub> .....	43	127	672	223	8,706	23,828	—	2	—	1,051	34,652
More than 22% P <sub>2</sub> O <sub>5</sub> .....	—	—	19	—	266	1,215	—	—	—	556	2,056
Tankage .....	—	—	—	—	—	—	—	—	—	61	61
Urea (fertilizer grade only) .....	—	10	155	55	328	4,317	118	35	688	151	5,857
Urea formaldehyde (fertilizer grade only) .....	—	—	—	—	22	227	3	—	196	14	462
Other fertilizer materials <sup>1</sup> .....	1	1	179	9	31	5,598	—	—	—	186	6,005
<b>Total materials .....</b>	<b>421</b>	<b>415</b>	<b>2,242</b>	<b>814</b>	<b>14,784</b>	<b>119,387</b>	<b>45,608</b>	<b>71,951</b>	<b>169,273</b>	<b>23,202</b>	<b>448,097</b>
Mixed fertilizers (see Table 6) .....	4,623	55,352	28,613	70,085	174,685	452,284	1,517	311	1,174	20,100	808,744
<b>Totals, 1962-63 .....</b>	<b>5,044</b>	<b>55,767</b>	<b>30,855</b>	<b>70,899</b>	<b>189,469</b>	<b>571,671</b>	<b>47,125</b>	<b>72,262</b>	<b>170,447</b>	<b>43,302</b>	<b>1,256,841</b>
<b>Totals, 1961-62 .....</b>	<b>5,780</b>	<b>55,003</b>	<b>31,862</b>	<b>72,128</b>	<b>196,085</b>	<b>530,048</b>	<b>35,059</b>	<b>47,880</b>	<b>126,865</b>	<b>43,290</b>	<b>1,144,000</b>

<sup>1</sup> Does not include lime.

TABLE 5. Mixed Fertilizers Sold during the Year Ended June 30, 1962

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	8	16	—	—	—	—	513	—	—	—	513	—
0	12	24	—	—	—	—	—	2,198	—	—	2,198	—
0	14	14	—	—	—	—	1,500	344	—	—	1,844	—
0	15	15	—	—	—	—	—	2,157	—	8	2,165	—
0	15	30	—	—	—	—	1,281	23	—	—	1,304	1,149
0	16	16	—	—	—	—	—	628	—	—	628	—
0	18	6	—	—	—	—	—	210	—	—	210	—
0	20	10	—	—	—	—	269	3,726	—	—	3,995	—
0	20	20	7	110	1,206	591	8,326	9,916	—	—	20,156	807
0	25	25	—	—	—	—	—	—	—	—	—	325
2	10	20	—	—	—	—	3,632	235	—	—	3,867	—
2	12	10	—	3	—	—	22,100	39,894	—	—	61,997	—
2	12	12	—	—	—	—	2,817	23,292	—	—	26,109	—
2	12	14	—	5	—	—	—	19,578	—	—	19,583	—
2	12	16	—	—	—	—	640	17,023	—	—	17,663	—
2	12	20	—	—	—	—	40	3,528	—	—	3,568	—
2	14	8	—	—	—	—	—	221	—	—	221	—
2	14	14	—	—	—	—	—	1,317	—	—	1,317	—
2	15	15	—	—	—	—	—	298	—	849	1,147	—
2	16	6	—	—	—	18	17,553	639	—	—	18,210	—
2	18	18	—	91	2	—	—	8,766	3	—	8,862	—
2	12	12	—	—	—	—	8,872	2,769	—	—	11,641	—
2	12	16	—	—	—	—	—	864	—	—	864	—
2	15	6	678	2,801	4,316	4,854	48	—	—	38	12,733	5
3	15	9	—	—	—	—	—	4,415	—	—	4,415	—
3	15	10	—	—	—	—	—	9,997	—	—	9,997	—
3	15	30	—	—	—	—	258	—	—	—	258	—
3	16	16	19	—	1,763	66	—	50	—	—	1,898	—
3	18	9	—	—	—	—	—	11,585	—	—	11,585	—
3	18	18	—	7	24	—	—	1,002	—	—	1,033	—
4	10	10	—	—	—	—	—	—	—	2,541	2,541	—
4	12	10	—	—	—	—	13	14,410	—	—	14,423	—
4	12	16	—	—	—	—	—	2,681	—	—	2,681	1
4	16	16	—	—	—	—	40	562	—	—	602	—
4	24	12	—	—	—	—	5	10,748	—	—	10,753	—
4	24	20	—	—	—	—	34,518	28,158	—	—	62,676	5
4	32	12	—	—	—	—	2,231	98	—	—	2,329	—
5	8	11	—	—	—	—	2,398	—	—	—	2,398	—
5	10	5	—	—	—	—	—	656	—	2	658	85
5	10	10	—	—	—	14	132	1,645	—	—	1,791	1,533
5	10	13	41	10,619	15	—	161	68	—	—	10,904	—
5	10	15	—	—	—	—	676	29,941	—	—	30,617	2
5	10	20	—	—	—	—	205	2	—	—	207	30
5	10	30	—	—	—	—	—	1,493	—	—	1,493	—
5	12	20	—	—	—	—	198	168	—	—	366	—
5	20	0	—	—	—	—	—	2,930	—	—	2,930	—
5	20	10	10	—	—	93	1,181	33,270	—	—	34,554	—
5	20	20	—	—	—	—	92	34,619	30	—	34,741	82
6	8	6	—	—	—	—	—	—	—	2,308	2,308	—
6	9	6	44	3	125	10	1,097	1,365	5	—	2,649	—
6	9	12	—	—	—	—	—	—	—	—	—	1,374

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

TABLE 5. Mixed Fertilizers Sold during the Year Ended June 30, 1962 - Concluded

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										
6	10	4	3	—	5	18	419	753	—	5	1,203	—
6	10	10	—	—	—	—	—	—	—	515	515	—
6	12	8	989	30	982	18,545	11	—	—	—	20,557	16
6	12	12	3,297	40,572	17,714	32,689	47,928	5,048	—	—	147,248	264
6	24	24	—	—	—	—	—	154	—	64	218	—
6	27	25	—	—	—	—	—	—	—	288	288	—
6	30	15	—	—	—	—	—	66	—	1,088	1,154	—
7	7	7	—	9	—	30	122	5,084	—	—	5,245	—
7	8	6	—	—	—	—	—	—	—	1,583	1,583	—
8	7	6	—	—	—	—	—	300	—	—	300	—
8	9	10	—	—	—	20	—	—	—	—	20	441
8	10	6	—	—	—	—	—	—	—	1,151	1,151	—
8	12	6	6	—	8	24	205	392	75	—	710	—
8	12	12	2	1	11	698	—	—	—	—	712	11,390
8	12	16	—	—	—	—	—	—	—	—	—	375
8	12	30	—	—	—	—	327	—	—	—	327	—
8	16	0	—	6	—	—	—	2,172	—	—	2,178	—
8	16	8	51	5	1,646	10,872	505	412	—	—	13,491	40
8	16	16	—	—	—	250	9,648	12,103	—	—	22,001	3,375
8	32	16	—	—	—	—	—	121	—	—	121	7,404
9	9	7	85	—	1,113	6	—	—	—	—	1,204	5
10	5	10	—	—	40	—	1,043	839	—	—	1,922	1
10	6	4	—	44	—	59	1,393	4,773	—	803	7,072	26
10	10	10	—	303	36	1,694	5,919	44,432	—	—	52,384	7,726
10	15	15	—	—	—	—	—	3	—	—	3	1,890
10	15	20	—	—	—	—	—	299	—	—	299	—
10	20	0	—	—	—	—	—	348	—	—	348	—
10	20	10	—	—	—	—	19	291	2	1,106	1,418	80
10	20	20	15	—	—	—	12	310	—	—	337	138
10	24	12	—	—	—	—	36	717	—	—	753	—
10	30	10	—	—	—	—	143	—	1,082	1,788	3,013	10,266
10	52	17	—	—	6	1	18	194	—	—	219	—
11	12	14	—	—	—	—	—	—	—	—	—	676
12	6	6	5	—	8	1	214	177	—	—	405	—
12	12	12	—	—	—	462	—	1,314	—	—	1,776	1,442
13	13	13	—	—	—	—	—	—	117	33	150	3,243
13	16	10	—	—	—	—	—	—	—	4,230	4,230	—
14	7	6	—	—	—	—	202	35	—	—	237	—
14	7	7	—	—	—	—	—	2,418	—	—	2,418	—
14	14	7	—	—	—	—	—	—	1,306	116	1,422	4,142
15	10	10	—	—	—	—	—	—	—	—	—	677
16	8	8	—	—	—	—	3	2,816	—	—	2,819	133
Other mixes			39	26	461	377	1,268	22,100	297	1,577	26,147	1,384
Totals, 1962			5,291	54,637	29,481	71,392	180,231	435,160	2,917	20,091	799,200	60,627
Totals, 1961			4,978	58,294	27,533	76,952	185,165	407,250	2,280	17,230	779,682	52,618

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

TABLE 6. Mixed Fertilizers Sold during the Year Ended June 30, 1963

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	8	16	-	-	-	-	315	-	-	-	315	7
0	12	20	-	-	-	-	6	115	-	-	121	-
0	12	24	-	-	-	-	-	2,390	-	-	2,390	-
0	14	14	-	-	-	-	1,909	66	-	-	1,975	-
0	15	15	-	-	-	-	-	2,299	-	-	2,299	-
0	15	30	-	-	-	7	1,227	366	-	-	1,600	1,133
0	16	16	-	-	-	-	-	596	-	-	596	-
0	18	6	-	-	-	-	-	183	-	-	183	-
0	20	0	-	-	-	-	567	1,742	-	-	2,309	-
0	20	10	-	-	-	-	1	4,673	-	-	4,674	-
0	20	20	9	267	1,098	594	8,043	11,070	-	-	21,081	621
0	25	25	-	-	-	-	-	61	-	-	61	380
2	10	20	-	-	-	-	2,866	120	-	-	2,986	-
2	12	10	-	3	-	-	18,598	33,114	-	-	51,715	-
2	12	12	-	1	-	69	4,153	17,352	-	-	21,575	-
2	12	14	-	-	-	-	-	15,651	-	-	15,651	-
2	12	16	-	-	-	-	21	16,084	-	-	16,105	-
2	12	20	-	-	-	-	32	2,595	-	-	2,627	-
2	14	8	-	-	-	-	-	127	-	-	127	-
2	14	14	-	-	-	-	-	941	-	-	941	-
2	15	15	-	-	-	-	-	542	-	697	1,239	-
2	16	6	-	9	-	18	13,770	210	-	-	14,007	-
2	18	18	-	218	45	-	156	7,437	-	-	7,856	-
2	20	18	-	-	-	-	-	114	-	-	114	-
3	11	11	-	-	-	-	-	6,955	-	-	6,955	-
3	12	12	-	-	-	2	8,623	2,032	-	-	10,657	-
3	12	16	-	-	-	-	-	624	-	-	624	-
3	15	6	600	2,411	3,178	4,130	17	-	-	31	10,367	9
3	15	9	-	-	-	10	-	18,327	-	-	18,337	-
3	15	30	-	-	-	-	371	-	-	-	371	-
3	16	16	9	41	2,153	55	-	52	-	-	2,310	2
3	18	9	-	-	-	-	-	3,013	-	-	3,013	-
3	18	18	-	-	60	-	-	851	-	-	911	-
4	10	10	-	-	-	-	-	-	-	2,063	2,063	-
4	12	8	4	7	44	25	101	479	-	28	688	-
4	12	10	-	3	-	-	-	12,119	-	2	12,124	-
4	12	16	-	-	-	-	-	3,361	-	-	3,361	-
4	16	16	-	-	-	-	-	261	-	-	261	-
4	24	12	-	-	-	-	-	2,928	-	-	2,928	-
4	24	20	-	3	-	-	33,360	21,439	-	-	54,802	-
4	32	12	-	-	-	-	2,504	82	-	-	2,586	-
5	8	11	-	-	-	-	1,774	-	-	-	1,774	-
5	10	10	-	-	-	-	70	1,043	-	-	1,113	1,514
5	10	15	-	-	-	-	156	32,105	3	-	32,264	-
5	10	20	-	-	-	-	345	6	-	-	351	-
5	10	30	-	-	-	-	138	1,753	-	-	1,891	-
5	20	0	-	-	-	-	-	3,228	-	-	3,228	-
5	20	10	-	-	-	436	1,996	51,299	-	-	53,731	16

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

TABLE 6. Mixed Fertilizers Sold during the Year Ended June 30, 1963 - Concluded

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										
5	20	20	—	—	—	45	171	54,329	—	—	54,545	40
6	8	6	—	—	—	—	—	—	—	2,151	2,151	—
6	9	12	—	—	—	—	—	—	—	—	—	290
6	10	4	5	—	8	37	627	848	1	6	1,532	202
6	10	10	—	—	—	—	—	—	—	503	503	—
6	12	8	874	36	723	15,810	—	—	—	—	17,443	15
6	12	12	2,979	48,401	17,055	30,183	45,283	5,171	—	—	149,072	337
6	18	6	—	—	—	—	—	8,847	—	—	8,847	—
6	24	24	—	—	—	—	14	879	—	—	893	—
6	27	25	—	—	—	—	—	—	—	269	269	—
6	30	15	—	—	—	—	—	—	—	988	988	—
7	7	7	—	5	14	7	416	6,410	—	—	6,852	—
7	8	6	—	—	—	—	—	—	—	1,617	1,617	—
8	10	6	5	—	—	—	—	—	—	957	962	—
8	12	12	—	3,495	13	965	—	—	—	—	4,473	9,636
8	12	16	—	—	6	26	276	291	67	—	666	55
8	16	0	—	—	—	—	16	2,372	—	—	2,388	147
8	16	8	13	27	1,643	13,238	176	1,198	—	—	16,295	20
8	16	16	25	20	—	1	12,235	13,759	—	—	26,040	2,985
8	24	0	—	—	—	—	—	304	—	—	304	—
8	32	16	—	—	—	—	—	218	—	—	218	817
9	9	9	—	—	—	—	—	1,491	—	—	1,491	—
9	20	20	—	—	164	—	—	—	—	—	164	—
10	4	4	—	—	—	—	—	—	—	148	148	—
10	5	10	—	—	—	—	899	1,127	—	—	2,026	—
10	6	4	1	8	81	47	1,221	4,442	—	944	6,744	13
10	10	10	11	356	2,141	3,007	8,240	49,926	—	26	63,707	6,996
10	15	15	—	8	—	345	—	379	—	—	732	1,344
10	15	20	—	—	—	—	—	1,020	—	—	1,020	—
10	20	0	—	—	—	—	—	139	—	—	139	—
10	20	10	—	—	—	6	2	533	2	825	1,368	62
10	20	20	—	—	5	—	5	35	—	—	45	120
10	24	12	—	—	—	—	—	930	—	—	930	—
10	30	10	—	—	—	—	—	—	1,470	1,988	3,458	13,274
10	52	17	—	—	8	1	20	249	—	—	278	—
11	12	14	—	—	—	5	—	—	—	—	5	369
12	6	6	6	1	16	1	215	158	1	—	398	—
12	12	12	—	—	—	441	—	817	—	—	1,258	384
13	13	13	—	—	—	—	—	—	218	58	276	5,059
13	16	10	—	—	—	—	—	—	—	4,813	4,813	—
14	7	6	—	—	—	—	319	55	—	—	374	—
14	7	7	—	—	—	—	18	2,524	—	—	2,542	—
14	14	7	—	—	—	—	—	—	763	169	932	5,084
15	10	10	—	—	—	—	—	—	—	—	—	931
16	8	8	—	—	—	—	127	5,302	—	—	5,429	208
16	10	20	—	—	—	—	10	—	—	—	10	811
Other mixes			82	32	158	574	3,276	10,730	477	1,817	17,146	31,320
<b>Totals, 1963</b>			<b>4,623</b>	<b>55,352</b>	<b>28,613</b>	<b>70,085</b>	<b>174,685</b>	<b>452,284</b>	<b>3,002</b>	<b>20,100</b>	<b>808,748</b>	<b>84,201</b>
<b>Totals, 1962</b>			<b>5,291</b>	<b>54,637</b>	<b>29,481</b>	<b>71,392</b>	<b>180,231</b>	<b>435,160</b>	<b>2,917</b>	<b>20,091</b>	<b>799,200</b>	<b>60,627</b>

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



TABLE 7. Tobacco Specials Sold during Year Ended June 30, 1963

Analysis			Quebec	Ontario	Other provinces	Canada
			short tons			
N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O				
0	12	20	6	105	—	111
0	15	15	—	961	—	961
0	16	16	—	586	—	586
0	20	20	8	246	—	254
2	12	10	—	17	3	20
2	12	12	4,153	17,352	70	21,575
2	12	14	—	15,651	—	15,651
2	12	16	—	15,245	—	15,245
2	14	14	—	941	—	941
2	15	15	—	542	—	542
3	12	12	—	16	—	16
3	12	14	—	9	—	9
3	18	18	—	851	60	911
5	8	11	1,774	—	—	1,774
5	10	15	8	2,641	—	2,649
10	20	10	—	300	—	300
Other			156	7,633	280	8,069
<b>Totals</b>			<b>6,105</b>	<b>63,096</b>	<b>413</b>	<b>69,614</b>

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

TABLE 8. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Prince Edward Island during the Year Ended June 30, 1963

County	Materials	Mixed fertilizers	Total
short tons			
Kings	61	6,573	6,634
Prince	185	29,940	30,125
Queens	169	18,839	19,008
<b>Totals</b>	<b>415</b>	<b>55,352</b>	<b>55,767</b>

TABLE 9. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Nova Scotia during the Year Ended June 30, 1963

County	Materials	Mixed fertilizers	Total
short tons			
Annapolis	106	1,268	1,374
Antigonish	38	1,198	1,236
Cape Breton	58	813	871
Colchester	154	2,987	3,141
Cumberland	130	1,691	1,821
Digby	55	1,112	1,167
Guysborough	—	118	118
Halifax	281	1,201	1,482
Hants	159	2,716	2,875
Inverness	52	880	932
Kings	1,023	10,838	11,861
Lunenburg	106	1,427	1,533
Pictou	58	1,443	1,501
Richmond	2	62	64
Queens	8	175	183
Shelburne	3	77	80
Victoria	5	177	182
Yarmouth	29	430	459
<b>Totals</b>	<b>2,267</b>	<b>28,613</b>	<b>30,880</b>

TABLE 10. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in New Brunswick during the Year Ended June 30, 1963

County	Materials	Mixed fertilizers	Total
short tons			
Albert	3	88	91
Carleton	83	22,549	22,632
Charlotte	46	664	710
Gloucester	41	1,551	1,592
Kent	13	1,480	1,493
Kings	69	2,675	2,744
Madawaska	24	3,795	3,819
Northumberland	20	862	882
Queens	19	454	473
Restigouch	31	2,646	2,677
Saint John	55	634	689
Sunbury	1	207	208
Victoria	106	25,538	25,644
Westmorland	184	3,501	3,685
York	119	3,441	3,560
<b>Totals</b>	<b>814</b>	<b>70,085</b>	<b>70,899</b>

TABLE 11. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Quebec during the Year Ended June 30, 1963

County	Materials	Mixed fertilizers	Total
		short tons	
Abitibi .....	412	953	1,365
Argenteuil .....	152	616	768
Arthabaska .....	595	8,633	9,228
Bagot .....	400	5,309	5,709
Beauce .....	336	4,085	4,421
Beauharnois .....	134	977	1,111
Bellechasse .....	444	3,017	3,461
Berthier .....	122	2,717	2,839
Bonaventure .....	152	1,699	1,851
Brome .....	64	507	571
Chambly .....	31	560	591
Champlain .....	248	1,991	2,239
Charlevoix .....	69	769	838
Châteauguay .....	363	2,737	3,100
Chicoutimi .....	122	2,119	2,241
Compton .....	128	2,988	3,116
Deux Montagnes (Two Mountains) .....	344	2,502	2,846
Dorchester .....	214	3,306	3,520
Drummond .....	181	3,700	3,881
Frontenac .....	75	2,197	2,272
Gaspé .....	58	763	821
Gatineau .....	32	309	341
Hull .....	10	213	223
Huntingdon .....	133	1,913	2,046
Iberville .....	170	2,394	2,564
Iles de la Madeleine .....	10	368	378
Jesus Island .....	136	3,822	3,958
Joliette .....	376	5,629	6,005
Kamouraska .....	371	2,849	3,220
Labelle .....	30	1,636	1,666
Lac St. Jean (Lake St. John) .....	237	1,986	2,223
La Prairie .....	49	2,223	2,272
L'Assomption .....	130	3,614	3,744
Levis .....	183	1,969	2,152
L'Islet .....	212	1,465	1,677
Lotbinière .....	779	3,942	4,721
Maskinongé .....	5	185	190
Martane .....	191	1,898	2,089
Matapédia .....	88	1,495	1,583
Mégantic .....	356	3,845	4,201
Missiquoi .....	263	2,951	3,214
Montcalm .....	78	3,121	3,199
Montmagny .....	261	923	1,184
Montmorency .....	100	3,232	3,332
Montreal Island .....	585	2,833	3,418
Napierville .....	155	9,181	9,336
Nicolet .....	774	5,891	6,665
Papineau .....	100	1,807	1,907
Pontiac .....	161	214	375
Portneuf .....	304	3,287	3,591
Québec .....	284	1,591	1,875
Richelieu .....	186	1,504	1,690
Richmond .....	137	1,986	2,123
Rimouski .....	304	3,051	3,355
Rivière-du-Loup .....	127	6,393	6,520
Rouville .....	439	4,659	5,098
Saguenay .....	22	464	486
Shefford .....	205	3,036	3,241
Sherbrooke .....	166	2,114	2,280
Soulanges .....	144	647	791
Stanstead .....	110	2,074	2,184
St. Hyacinthe .....	511	6,616	7,127
St. Johns .....	76	1,207	1,283
St. Maurice .....	280	1,021	1,301
Temiscamingue .....	50	561	611
Témiscouata .....	53	1,117	1,170
Terrebonne .....	69	1,540	1,609
Vaudreuil .....	54	429	483
Verchères .....	252	2,234	2,486
Wolfe .....	75	1,902	1,977
Yamaska .....	322	2,999	3,321
<b>Totals, Quebec .....</b>	<b>14,789</b>	<b>174,685</b>	<b>189,474</b>

TABLE 12. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Ontario during the Year Ended June 30, 1963

County	Materials	Mixed fertilizers	Total
		short tons	
Algoma .....	142	763	905
Brant .....	2,246	9,945	12,191
Bruce .....	6,460	15,770	22,230
Carleton .....	1,566	4,321	5,887
Cochrane .....	203	590	793
Dufferin .....	462	6,496	6,958
Dundas .....	443	1,538	1,981
Durham .....	1,126	7,042	8,168
Elgin .....	6,285	27,410	33,695
Essex .....	15,549	33,092	48,641
Frontenac .....	151	433	584
Glengarry .....	238	877	1,115
Grenville .....	299	2,018	2,317
Grey .....	2,459	8,538	10,997
Haldimand .....	1,528	4,611	6,139
Haliburton .....	67	22	89
Halton .....	810	3,694	4,504
Hastings .....	509	2,380	2,889
Huron .....	3,770	22,351	26,121
Kenora .....	5	95	100
Kent .....	25,516	61,309	86,825
Lambton .....	6,702	20,297	26,999
Lanark .....	263	1,331	1,594
Leeds .....	268	1,271	1,539
Lennox-Addington .....	102	833	935
Lincoln .....	2,047	5,049	7,096
Maitoulin .....	42	395	437
Middlesex .....	4,844	28,227	33,071
Muskoka .....	51	365	416
Nipissing .....	111	818	929
Norfolk .....	6,911	38,627	45,538
Northumberland .....	632	4,418	5,050
Ontario .....	952	7,491	8,443
Oxford .....	4,077	21,544	25,621
Parry Sound .....	92	596	688
Peel .....	656	4,582	5,238
Perth .....	2,188	15,608	17,796
Peterboro .....	283	2,030	2,313
Prescott .....	453	2,890	3,343
Prince Edward .....	390	953	1,343
Rainy River .....	—	—	—
Renfrew .....	688	1,156	1,844
Russell .....	369	1,898	2,267
Simcoe .....	2,093	18,148	20,241
Stormont .....	148	744	892
Sudbury .....	272	2,214	2,486
Temiskaming .....	331	814	1,145
Thunder Bay .....	94	724	818
Victoria .....	182	2,344	2,526
Waterloo .....	1,779	10,821	12,600
Welland .....	967	3,291	4,258
Wellington .....	2,317	13,747	16,064
Wentworth .....	1,290	6,914	8,204
York .....	8,016	18,849	26,865
No distribution .....	—	—	—
<b>Totals, Ontario .....</b>	<b>119,444</b>	<b>452,284</b>	<b>571,728</b>

TABLE 13. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold during the Years Ended June 30 1962 and 1963

Province	1962				1963			
	Total tonnage sold	Contained			Total tonnage sold	Contained		
		Nitrogen (N)	Phosphoric acid (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)		Nitrogen (N)	Phosphoric acid (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)
short tons								
<b>(a) In materials</b>								
Newfoundland .....	489	85	9	21	421	80	11	1
Prince Edward Island .....	366	81	19	5	415	89	26	6
Nova Scotia .....	2,381	396	179	91	2,242	382	162	74
New Brunswick .....	736	117	49	21	814	143	55	27
Quebec .....	15,854	822	2,614	212	14,784	829	2,382	443
Ontario .....	94,888	20,787	7,568	5,334	119,387	26,930	9,237	8,307
Manitoba .....	33,073	5,152	11,496	1	45,608	7,423	14,986	37
Saskatchewan .....	47,750	6,213	20,099	2	71,951	9,678	29,369	4
Alberta .....	126,064	21,451	35,715	33	169,273	30,314	45,566	34
British Columbia .....	23,199	3,764	3,254	838	23,202	4,175	3,480	771
<b>Totals, Canada .....</b>	<b>344,800</b>	<b>58,868</b>	<b>81,002</b>	<b>6,558</b>	<b>448,097</b>	<b>80,043</b>	<b>105,274</b>	<b>9,704</b>
Exported from Canada .....	861,877	214,297	100,354	31	1,377,144	221,455	89,520	<sup>1</sup>
<b>Grand totals .....</b>	<b>1,206,677</b>	<b>273,165</b>	<b>181,356</b>	<b>6,589</b>	<b>1,825,241</b>	<b>301,598</b>	<b>194,794</b>	<sup>1</sup>
<b>(b) In mixtures</b>								
Newfoundland .....	5,291	300	652	543	4,623	259	571	477
Prince Edward Island .....	54,637	3,086	6,435	6,495	55,352	3,306	6,743	6,533
Nova Scotia .....	29,481	1,601	3,858	3,279	28,613	1,618	3,740	3,234
New Brunswick .....	71,392	4,451	9,181	7,108	70,085	4,508	9,106	6,978
Quebec .....	180,231	7,797	27,636	24,235	174,685	7,847	26,864	23,705
Ontario .....	435,160	20,233	64,494	56,127	452,284	22,695	67,443	59,177
Manitoba .....	1,986	248	337	158	1,517	179	316	134
Saskatchewan .....	130	15	28	11	311	29	54	27
Alberta .....	801	85	191	75	1,174	124	250	107
British Columbia .....	20,091	1,662	2,949	1,903	20,100	1,715	2,953	1,873
<b>Totals, Canada .....</b>	<b>799,200</b>	<b>39,480</b>	<b>115,761</b>	<b>99,934</b>	<b>808,744</b>	<b>42,280</b>	<b>118,040</b>	<b>102,285</b>
Exported from Canada .....	60,627	6,009	10,828	7,089	84,201	8,148	12,370	9,454
<b>Grand totals .....</b>	<b>859,827</b>	<b>45,489</b>	<b>126,589</b>	<b>107,023</b>	<b>892,945</b>	<b>50,428</b>	<b>130,410</b>	<b>111,739</b>
<b>(c) Total</b>								
Newfoundland .....	5,780	385	661	564	5,044	339	582	478
Prince Edward Island .....	55,003	3,169	6,454	6,500	55,767	3,395	6,769	6,529
Nova Scotia .....	31,862	1,997	4,037	3,370	30,855	2,000	3,902	3,358
New Brunswick .....	72,128	4,568	9,230	7,129	70,899	4,651	9,161	7,005
Quebec .....	196,085	8,619	30,250	24,447	169,469	8,676	29,246	24,148
Ontario .....	530,048	41,020	72,062	61,461	571,871	49,625	76,680	67,484
Manitoba .....	35,059	5,400	11,833	159	47,125	7,602	15,302	171
Saskatchewan .....	47,880	6,228	20,127	13	72,262	9,707	29,423	31
Alberta .....	126,865	21,536	35,906	108	170,447	30,438	45,816	141
British Columbia .....	43,290	5,426	6,203	2,741	43,302	5,890	6,433	2,644
<b>Totals, Canada .....</b>	<b>1,144,000</b>	<b>98,348</b>	<b>196,763</b>	<b>106,492</b>	<b>1,256,841</b>	<b>122,323</b>	<b>223,314</b>	<b>111,989</b>
Exported from Canada .....	922,504	220,306	111,182	7,120	1,461,345	229,603	101,890	<sup>1</sup>
<b>Grand totals .....</b>	<b>2,066,504</b>	<b>318,654</b>	<b>307,945</b>	<b>113,612</b>	<b>2,718,186</b>	<b>351,926</b>	<b>325,204</b>	<sup>1</sup>

<sup>1</sup> Not available for publication—primarily only one firm involved.

TABLE 14. Fertilizers Sold for Consumption in Canada during the Years Ended June 30, 1935-63

Year	Materials		Mixtures		Total short tons
	Quantity	Percentage of total	Quantity	Percentage of total	
	short tons		short tons		
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
1956	148,037	18.5	652,643	81.5	800,680
1957	156,497	19.4	651,754	80.6	806,251
1958	181,973	20.9	688,566	79.1	870,539
1959	218,661	24.0	689,553	76.0	906,214
1960	243,720	26.1	691,708	73.9	935,428
1961	297,730	27.6	779,682	72.4	1,077,412
1962	344,800	30.1	799,200	69.9	1,144,000
1963	448,097	35.7	808,744	64.3	1,256,841

TABLE 15. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold in Canada during the Years Ended June 30, 1943-63

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								
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	59,368	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	18,620	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	119,384	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	60,239	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
1956	19,687	33,229	3,472	25,324	84,702	73,472	45,011	117,931	76,944
1957	23,062	35,384	3,290	26,611	85,806	75,084	49,673	121,190	78,374
1958	26,947	39,945	4,282	28,393	87,225	80,393	55,340	127,170	84,675
1959	32,721	50,102	4,443	29,401	94,774	83,631	62,122	144,876	88,074
1960	37,155	57,533	4,387	30,666	95,710	84,888	67,821	153,243	89,275
1961	49,377	67,796	5,404	36,383	109,336	96,514	80,478	177,132	101,918
1962	58,868	81,002	6,558	39,480	115,761	99,934	98,348	196,763	106,482
1963	80,043	105,274	9,704	42,280	118,040	102,285	122,323	223,314	111,989

TABLE 16. Lime and Limestone Produced in Canada for Agricultural Purposes, 1952-62

Year	Lime	Limestone (including marl)	Year	Lime	Limestone (including marl)
short tons			short tons		
1952	13,587	464,122	1958	3,538	691,067
1953	12,310	510,547	1959	8,515	703,167
1954	10,923	362,110	1960	7,731	892,177
1955	5,420	424,028	1961	10,309	1,230,313
1956	6,251	476,506	1962	..	..
1957	3,181	608,912			

## List of Reporting Companies, 1963

Name of company	Plant location
Acme Peat Products Ltd.	Richmond, B.C.
Agricultural Anhydrous Ammonia Co.	Aylmer, Ontario
Agricultural Chemicals Ltd.	Fort Chambly, Quebec
Agricultural Chemicals Ltd.	London, Ontario
Agricultural Chemicals Ltd.	Orangeville, Ontario
Agricultural Chemicals Ltd.	Port Hope, Ontario
Algoma Steel Corporation Ltd. The	Sault Ste. Marie, Ontario
American Agricultural Chemical Corp.	Detroit, Michigan, U.S.A.
Brackman-Ker Milling Co., The	New Westminster, B.C.
Bradford Fertilizer & Chemical Co. Ltd.	Bradford, Ontario
Brockville Chemicals Limited	Maitland, Ontario
Buckerfield's Limited	Vancouver, B.C.
Burns & Co. Ltd.	Edmonton, Alberta
Burns & Co. Ltd.	Vancouver, B.C.
Canada Packers Ltd.	Summerside, P.E.I.
Canada Packers Ltd.	Windsor, N.S.
Canada Packers Ltd.	East Saint John, N.B.
Canada Packers Ltd.	Montreal, Quebec
Canada Packers Ltd.	Toronto, Ontario
Canada Packers Ltd.	Welland, Ontario
Canada Packers Ltd.	Chatham, Ontario
Canadian Industries Ltd.	Halifax, N.S.
Canadian Industries Ltd.	McMasterville, Quebec
Canadian Industries Ltd.	Montreal, Quebec
Canadian Industries Ltd.	Chatham, Ontario
Canadian Industries Ltd.	Hamilton, Ontario
Consolidated Mining and Smelting Company of Canada, Ltd. The	Calgary, Alberta
Consolidated Mining and Smelting Company of Canada, Ltd. The	Kimberly, B.C.
Consolidated Mining and Smelting Company of Canada, Ltd. The	Trail, B.C.
Cyanamid of Canada Limited	Niagara Falls, Ontario
Dominion Steel and Coal Corporation Limited	Sydney, N.S.
Dominion Potash Limited	Westmount, Quebec
Dow Chemical of Canada Ltd.	Sarnia, Ontario
Electric Reduction Co. of Canada Ltd.	Port Maitland, Ontario
Elgin Co-Operative Services	St. Thomas, Ontario
Elmira Fertilizers Limited	Elmira, Ontario
Globe Fertilizer Company Ltd.	Vancouver, B.C.
Golden Sunshine Fertilizer Co.	Essex, Ontario
Green Valley Fertilizer & Chemical Co. Ltd.	North Surrey, B.C.
Harriston Fertilizers Ltd.	Harriston, Ontario
Houde, W., Ltee.	Laprairie, Quebec
Hy-Trous Company of Canada (1959) Limited	Cornwall, Ontario
International Fertilizers Ltd.	Saint John, N.B.
International Fertilizers Ltd.	Quebec, Quebec
International Minerals & Chemical Corp. (Canada) Ltd.	Esterhazy, Saskatchewan
Island Fertilizers Ltd.	Charlottetown, P.E.I.
Jenkins, W. A., Mfg. Co. Ltd.	London, Ontario
Manchester Products Limited	Galt, Ontario
Milwaukee Sewerage Commission	Milwaukee, Wisconsin, U.S.A.
Misner Fertilizers Limited	Port Dover, Ontario
"Na-Churs" Plant Food Co. (Canada) Ltd.	London, Ontario
Northwest Nitro-Chemicals Ltd.	Medicine Hat, Alberta
Ontario Plant Foods Ltd.	Delhi, Ontario
Quebec Natural Gas Corporation	Montreal, Quebec
Rainbow Chemicals Ltd.	Tilbury, Ontario
Scotch Fertilizers Ltd.	Glencoe, Ontario
Sherritt Gordon Mines Ltd.	Fort Saskatchewan, Alberta
So-Green Industries	Toronto, Ontario
St. Clair Grain and Feeds Ltd.	Chatham, Ontario
Steel Company of Canada, Limited, The	Hamilton, Ontario
Summers Fertilizer Co. Inc., The	St. Stephen, N.B.
Swift Canadian Company Limited	Toronto, Ontario
Swift Canadian Company Limited	Thamesville, Ontario
Swift Canadian Company Limited	St. Boniface, Manitoba
Toronto Salt Works Ltd., The	Toronto, Ontario
United Co-operatives of Ontario	Stratford, Ontario
United Co-operatives of Ontario	Thamesville, Ontario
United Co-operatives of Ontario	Tilsonburg, Ontario
United Co-operatives of Ontario	Toronto, Ontario



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