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## FERTILIZER TRADE

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## FERTILIZER TRADE

July 1, 1966 - June 30, 1967

Sales of mixed fertilizers and fertilizer materials for direct application to the soil, including exports amounted to 6,420,147 tons in the year ended June 30, 1967. Sales to Canadian users totalled 2,183,444 tons, including 1,122,490 tons of fertilizer materials and 1,060,954 tons of mixtures. Sales of materials increased 23.3 per cent and mixtures increased 5.3 per cent over the previous year.

Production of fertilizer materials (including non-industrial type anhydrous ammonia used for direct application and export) in the period under review, including such items as ammonium nitrate, ammonium phosphate, ammonium sulphate, urea, potash, superphosphate and cyanamide, amounted to 6,230,391 tons. The output of mixed fertilizers totalled 1,139,876 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 (including some anhydrous ammonia for fertilizer purposes) amounted to 1,992,063 tons. The more important items which were brought in were phosphate rock, 1,633,442 tons; superphosphate, 83,039 tons; potassium chloride (muriate of potash), 68,993 tons; nitrogen solution, 7,593 tons and potassium sulphate (sulphate of potash) 30,521 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) amounted to 4,167,968 tons. Exports of mixed fertilizers amounted to 68,735 tons.

## FERTILIZER TRADE

TABLE 1. Sales of Fertilizers, Years Ended June 30, 1966 and 1967

	Fertilizer materials			Mixed fertilizers			Total		
	1966	1967	Percentage change	1966	1967	Percentage change	1966	1967	Percentage change
	tons of 2,000 pounds		%	tons of 2,000 pounds		%	tons of 2,000 pounds		%
Newfoundland .....	329	646	+ 96.3	5,071	5,179	+ 2.1	5,400	5,825	+ 7.9
Prince Edward Island .....	499	552	+ 10.6	67,105	57,019	- 15.0	67,604	57,571	- 14.8
Nova Scotia .....	3,426	3,713	+ 8.4	37,403	33,482	- 10.5	40,829	37,195	- 8.9
New Brunswick .....	1,409	1,034	- 26.6	86,597	81,745	- 5.6	88,006	82,779	- 5.9
Quebec .....	16,643	20,823	+ 25.1	229,211	256,307	+ 11.8	245,854	277,130	+ 12.7
Ontario .....	180,027	226,836	+ 26.0	550,429	596,370	+ 8.3	730,456	823,206	+ 12.7
Manitoba .....	149,427	176,835	+ 18.3	3,957	4,301	+ 8.7	153,384	181,136	+ 18.1
Saskatchewan .....	214,241	264,613	+ 23.5	470	1,234	+ 162.5	214,711	265,847	+ 23.8
Alberta .....	314,403	396,024	+ 26.0	1,713	2,917	+ 70.3	316,116	398,941	+ 26.2
British Columbia .....	29,685	31,414	+ 5.8	25,819	22,400	- 13.2	55,504	53,814	- 3.0
<b>Canada .....</b>	<b>910,089</b>	<b>1,122,490</b>	<b>+ 23.3</b>	<b>1,007,775</b>	<b>1,060,954</b>	<b>+ 5.3</b>	<b>1,917,864</b>	<b>2,183,444</b>	<b>+ 13.8</b>
Export .....	3,662,584	4,167,968	+ 13.8	109,637	68,735	- 37.3	3,772,221	4,236,703	+ 12.3
<b>Totals .....</b>	<b>4,572,673</b>	<b>5,290,420</b>	<b>+ 15.7</b>	<b>1,117,412</b>	<b>1,129,689</b>	<b>+ 1.1</b>	<b>5,690,085</b>	<b>6,420,147</b>	<b>+ 12.8</b>

TABLE 2. Production and Imports of Fertilizers, as Reported by Manufacturers and Importers, during the Years Ended June 30, 1966 and 1967

Item	1966		1967	
	Manufactured	Imported	Manufactured	Imported
	tons of 2,000 pounds			
Animal manure .....	1	1,626	1	1,723
Ammonium nitrate <sup>2</sup> .....	329,735	1,100	317,926	5,100
Ammonium nitrate phosphate— 23-23-0 .....	3	—	210,324	—
24-20-0 .....	3	—	—	—
27-14-0 .....	3	—	3	—
Other grades .....	133,659	—	83,570	—
Ammonium phosphate <sup>2</sup> — 8-16-0 .....	—	4	—	6,034
8-24-0 .....	—	—	4	—
11-48-0 .....	472,181	4	386,779	—
13-39-0 .....	—	—	—	—
16-20-0 .....	251,144	—	169,903	—
16-48-0 .....	4	—	4	—
18-46-0 .....	4	44,311	149,647	72,331
Other grades .....	87,430	18,223	89,578	5,972
Ammonium sulphate (sulphate of ammonia) .....	1	12,061	1	16,132
Bone meal, bone flour and bone phosphate .....	—	353	—	889
Calcium cyanamide "Cyanamid" .....	1	—	1	—
Mixed fertilizers— Solids .....	1,157,513	4,994	1,139,876	386
Liquids .....	5	5	5	5
Nitrogen solution— Aqua ammonia .....	1	10,279	17,178	3,114
Other .....			172,078	4,479
Phosphate rock <sup>6</sup> .....	—	1,781,292	—	1,633,442
Potassium chloride (muriate of potash) .....	3,148,781 <sup>7</sup>	33,388 <sup>8</sup>	3,602,020 <sup>7</sup>	35,762 <sup>8</sup>
Potassium sulphate (sulphate of potash) .....	—	23,432 <sup>8</sup>	—	24,718 <sup>8</sup>
Potassium magnesium sulphate (sulphate of potash magnesia) .....	—	15,876	—	21,525
Sewage sludge .....	—	7,827	—	7,802
Sodium nitrate (nitrate of soda) .....	—	456	—	139
Superphosphate .....	1	129,913	1	83,039
Tankage .....	—	52	—	—
Urea (fertilizer grade only) .....	112,869	1,155	168,097	4,723
Other materials <sup>9</sup> .....	861,877	4,578	857,437	26,103

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

<sup>2</sup> Excludes ammonium nitrate and all grades of ammonium phosphate used in production of ammonium nitrate phosphate.

<sup>3</sup> Included with Ammonium nitrate phosphate other grades.

<sup>4</sup> Included with Ammonium phosphate other grades.

<sup>5</sup> Included with "Mixed fertilizers—Solids".

<sup>6</sup> Used in making super phosphate and ammonium phosphate in Canadian fertilizer plants.

<sup>7</sup> Source: Special Monthly Survey.

<sup>8</sup> As reported in Trade of Canada, Vol. III, Imports.

<sup>9</sup> Excludes lime but includes non-industrial type anhydrous ammonia used for direct application and export.



## FERTILIZER TRADE

TABLE 5. Mixed Fertilizers Sold during the Year Ended June 30, 1967

Analysis			Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba, Saskatchewan and Alberta	British Columbia	Total sold in Canada	Exported from Canada
tons of 2,000 pounds												
N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O										
0	10	30	—	—	—	17	95	321	—	—	433	299
0	12	20	—	—	—	—	—	49	—	—	49	—
0	12	24	—	—	—	—	—	3,558	—	—	3,558	—
0	14	14	—	—	—	—	1,557	1	—	—	1,558	—
0	15	15	—	—	—	—	—	2,071	—	—	2,071	—
0	15	30	—	—	—	5	6,837	872	—	—	7,714	1,746
0	16	16	—	—	—	—	—	829	—	—	829	—
0	18	6	—	—	—	—	—	60	—	—	60	—
0	20	0	—	—	—	—	1,461	3,426	—	—	4,887	—
0	20	10	—	—	2	10	70	6,694	—	—	6,776	5
0	20	20	17	43	503	519	12,442	17,657	—	—	31,181	1,454
0	25	25	—	—	—	—	21	2,428	—	—	2,449	369
1	1	1	—	—	—	—	—	—	—	—	—	—
2	10	20	—	—	—	—	6,315	102	—	—	6,417	—
2	12	6	—	—	—	—	—	7	—	—	7	—
2	12	10	—	—	—	—	89	7,449	—	—	7,538	—
2	12	12	—	—	—	—	2,026	9,135	—	—	11,161	—
2	12	14	—	—	—	—	—	17,945	—	—	17,945	—
2	12	16	—	—	—	—	1,579	23,051	—	—	24,630	—
2	12	20	—	—	—	—	—	389	—	—	389	—
2	14	8	—	—	—	—	—	—	—	—	—	—
2	14	14	—	—	—	—	—	1,689	—	—	1,689	—
2	15	15	—	—	—	—	—	1,232	638	—	1,870	—
2	16	6	—	1	1	10	11,280	983	—	—	12,275	6
2	18	18	—	255	121	98	14	13,564	—	—	14,052	—
2	20	18	—	—	—	—	—	163	430	—	593	738
3	11	11	—	—	—	—	—	3,180	—	—	3,180	—
3	12	12	—	—	—	1	10,185	176	—	—	10,362	—
3	12	16	—	—	—	—	—	7	—	—	7	—
3	15	6	637	1,113	1,246	1,822	10	—	—	69	4,897	32
3	15	9	—	—	—	—	—	11,313	—	—	11,313	—
3	15	10	—	—	—	—	—	—	—	—	—	—
3	15	30	—	—	—	—	904	4	—	—	908	—
3	16	16	1	—	491	37	5	—	—	—	534	—
3	18	9	—	—	—	—	6	31	—	—	37	—
3	18	15	—	—	90	—	—	—	—	—	90	—
3	18	18	—	—	732	17	—	714	—	—	1,463	—
4	9	5	—	—	—	—	—	—	—	—	—	—
4	10	10	—	—	—	—	—	—	1,444	—	1,444	—
4	12	8	1	5	24	—	134	553	—	42	759	—
4	12	10	4	—	1	—	19	4,201	—	2	4,227	—
4	12	16	—	—	—	—	40	1,546	—	—	1,586	—
4	16	16	—	—	—	—	19	—	—	—	19	—
4	24	12	—	—	—	—	172	77	—	—	249	—
4	24	20	—	—	—	46	22,453	1,766	—	—	24,265	6
4	32	12	—	—	—	1	2,164	123	—	—	2,288	5
5	8	11	—	—	—	—	1,686	—	—	—	1,686	—
5	10	5	—	—	—	—	—	8	—	4	12	28
5	10	10	—	—	—	—	14	906	—	—	920	1,078
5	10	13	—	—	—	—	—	—	—	—	—	—
5	10	15	—	—	—	1	9,430	19,314	—	—	28,745	—
5	10	20	—	—	—	—	263	20	—	—	283	4
5	10	30	8	366	921	92	256	5,678	—	—	7,321	203
5	20	0	—	—	—	—	—	4,118	—	—	4,118	3,300
5	20	10	—	10	—	4	5,678	64,437	—	—	70,129	9
5	20	20	—	259	4	293	25,708	95,985	5	—	122,254	850
5	20	30	—	—	—	—	43	1,143	—	—	1,186	—
6	8	6	—	—	—	—	—	—	—	2,497	2,497	—
6	9	6	104	1	116	24	1,485	1,475	57	32	3,294	—

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, 1967 - 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
tons of 2,000 pounds												
N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O										
6	10	4	15	-	9	36	759	382	12	37	1,250	-
6	10	10	-	-	-	-	-	-	-	614	614	-
6	12	8	480	100	331	7,758	-	-	-	-	8,669	24
6	12	12	3,442	22,462	16,962	26,193	50,374	3,063	-	-	122,496	814
6	12	36	-	-	-	-	-	1,281	-	-	1,281	-
6	18	6	-	-	-	-	-	6,091	-	-	6,091	-
6	24	24	-	-	3	-	83	33,052	917	-	34,055	-
6	27	25	-	-	-	-	-	-	-	286	286	-
6	30	15	-	-	-	-	-	-	-	621	621	-
7	7	7	9	5	11	1	1,573	7,532	-	14	9,145	-
7	8	6	-	-	-	-	-	-	-	-	-	-
8	7	6	-	-	-	-	-	-	-	-	-	-
8	8	40	-	-	-	-	-	-	-	-	-	-
8	9	10	-	-	-	-	-	-	-	-	-	-
8	10	6	-	-	7	-	-	-	-	798	805	-
8	12	6	11	-	-	31	403	326	252	-	1,023	-
8	12	12	-	228	74	3,032	48	33	-	-	3,415	7,065
8	12	16	-	-	-	67	-	-	-	-	67	383
8	12	30	-	-	-	-	-	-	-	-	-	-
8	15	30	-	-	-	-	-	-	-	-	-	-
8	16	0	-	-	-	1,018	1	3,881	-	-	4,900	-
8	16	8	5	487	900	16,152	149	3,481	-	-	21,174	61
8	16	16	-	2,868	16	516	16,859	14,303	-	-	34,562	3,011
8	24	0	-	-	-	-	-	296	-	-	296	-
8	24	20	-	-	-	-	-	6	-	-	6	-
8	32	0	-	-	-	-	-	3	-	-	3	-
8	32	16	2	-	11	-	55	33,693	-	-	33,761	9,447
8	5	10	-	-	-	-	-	-	-	-	-	-
8	9	7	-	-	-	-	-	-	-	-	-	-
8	9	9	-	-	-	-	-	1,415	-	-	1,415	-
10	20	20	-	-	4	-	-	-	-	-	4	-
10	4	4	-	-	-	-	-	-	-	25	25	-
10	5	5	-	-	-	-	3	118	-	-	121	-
10	5	10	-	-	-	-	172	775	-	-	947	116
10	6	4	28	6	75	26	1,952	5,563	-	1,427	9,077	288
10	10	10	92	2,120	4,415	9,838	45,688	67,062	20	3,042	132,277	9,984
10	12	12	-	-	-	-	-	1	-	-	1	-
10	15	15	-	-	-	572	-	49	-	-	621	4,289
10	15	20	-	-	-	-	-	881	-	-	881	-
10	20	0	-	-	-	-	47	114	-	-	161	-
10	20	10	-	84	51	1,377	380	1,330	974	720	4,916	4,168
10	20	20	126	18,741	351	1,565	1,447	5,447	-	-	27,677	1,107
10	24	12	-	1	-	-	14	-	-	-	15	-
10	30	10	-	-	-	-	409	18	2,917	1,685	5,029	8,014
10	50	10	-	-	-	-	-	10	-	-	10	-
10	52	17	1	1	9	-	13	234	14	-	272	-
11	12	14	-	-	-	22	-	-	-	-	22	10
12	5	7	28	-	42	55	918	1,425	370	-	2,838	-
12	6	6	18	3	45	34	335	566	32	3	1,036	-
12	12	12	-	-	-	261	-	127	-	-	388	423
12	24	24	48	5,213	3,827	564	50	761	-	-	10,463	-
13	13	13	-	-	-	-	-	-	252	34	286	3
13	16	10	-	-	-	-	-	2	2	6,097	6,101	6
14	7	6	-	-	-	13	553	758	-	-	1,324	-
14	7	7	-	-	-	-	-	3,127	-	9	3,136	-
14	14	7	-	-	-	-	-	-	803	309	1,112	38
15	10	10	-	30	-	-	33	-	-	-	63	855
15	15	15	7	681	8	686	726	24,526	-	-	26,634	896
16	8	8	-	-	15	-	4,834	10,448	-	-	15,297	1,223
16	10	20	-	-	-	-	22	-	-	-	22	1,969
Other mixes			95	1,936	2,064	8,931	3,947	33,740	1,395	1,951	54,059	3,040
Totals, 1967			5,179	57,019	33,482	81,745	256,307	596,370	8,452	22,400	1,060,954	67,386
Totals, 1966			5,071	67,105	37,403	86,597	229,211	550,429	6,140	25,819	1,007,775	109,637

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, 1966

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
tons of 2,000 pounds												
N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O										
0	8	16	—	—	—	—	238	—	—	—	238	—
0	12	20	—	—	—	—	—	21	—	—	21	—
0	12	24	—	—	—	—	—	3,557	—	—	3,557	—
0	14	14	—	—	—	—	1,658	—	—	—	1,658	—
0	15	15	—	—	—	—	2	1,507	—	—	1,509	—
0	15	30	—	—	—	1	4,833	1,084	—	—	5,918	1,839
0	16	16	—	—	—	—	—	1,041	—	—	1,041	—
0	18	6	—	—	—	—	—	39	—	—	39	—
0	20	0	—	—	—	—	1,915	2,895	—	—	4,810	—
0	20	10	—	—	—	—	29	5,746	—	—	5,775	—
0	20	20	19	162	717	485	9,772	15,964	—	—	27,119	1,205
0	25	25	—	—	—	—	18	1,254	—	—	1,272	416
2	10	20	—	—	—	1	6,407	76	—	—	6,484	—
2	12	10	—	—	—	—	213	10,982	—	—	11,195	—
2	12	12	—	—	—	—	2,290	10,549	—	—	12,839	—
2	12	14	—	—	—	—	—	17,692	—	—	17,692	—
2	12	16	—	—	—	—	954	22,185	—	—	23,139	—
2	12	20	—	—	—	—	30	548	—	—	578	—
2	14	8	—	—	—	—	—	—	—	—	—	—
2	14	14	—	—	—	—	—	1,260	—	—	1,260	—
2	15	15	—	—	—	—	331	1,002	—	829	2,162	—
2	16	6	—	1	1	—	13,471	766	—	—	14,239	—
2	18	18	—	169	341	78	9	10,374	—	—	10,971	—
2	20	18	—	—	—	—	—	289	277	8	574	1,321
3	11	11	—	—	—	—	—	3,365	—	—	3,365	—
3	12	12	—	—	—	17	12,300	325	4	—	12,646	—
3	12	16	—	—	—	—	—	33	—	—	33	—
3	15	6	600	1,591	1,901	2,649	—	5	—	74	6,820	7
3	15	9	—	—	—	—	—	14,182	—	—	14,182	—
3	15	30	—	—	—	—	729	30	—	—	759	15
3	16	16	12	—	903	214	14	—	—	—	1,143	—
3	18	9	—	—	—	—	—	75	—	—	75	—
3	18	18	—	—	391	6	—	881	—	—	1,278	—
4	10	10	—	—	—	—	—	2	—	2,200	2,202	—
4	12	8	1	4	30	20	165	606	—	—	826	—
4	12	10	—	—	—	—	4	6,180	—	47	6,231	—
4	12	16	—	—	—	—	—	1,884	—	—	1,884	—
4	16	16	—	—	—	—	—	5	—	—	5	—
4	24	12	—	—	—	—	65	144	—	—	209	—
4	24	20	—	—	—	38	26,682	2,936	—	—	29,656	4
4	32	12	—	—	—	—	2,385	121	—	—	2,506	15
5	8	11	—	—	—	—	1,886	—	—	—	1,886	—
5	10	5	—	—	—	—	556	16	—	3	575	26
5	10	10	—	—	—	—	25	639	—	—	664	1,077
5	10	15	—	—	—	—	8,104	22,579	—	—	30,683	9
5	10	20	—	—	7	4	99	12	—	—	122	9
5	10	30	—	82	545	20	107	4,386	—	—	5,140	416
5	20	0	—	—	—	—	6	4,159	—	—	4,165	3,300
5	20	10	—	—	—	2	4,163	68,491	—	—	72,656	11

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, 1966 - 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
tons of 2,000 pounds												
N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O										
5	20	20	-	487	14	13	14,212	91,421	-	1	106,148	685
6	8	6	-	-	-	-	-	-	-	2,025	2,025	-
6	9	6	54	4	151	29	1,608	1,271	3	275	3,395	-
6	9	12	-	-	-	-	-	-	-	-	-	450
6	10	4	15	-	9	36	651	389	12	142	1,254	-
6	10	10	-	-	-	-	-	-	-	676	676	-
6	12	8	711	62	355	15,020	-	16	-	-	16,164	44
6	12	12	3,330	45,045	21,092	31,388	52,434	3,619	-	-	156,908	823
6	18	6	-	-	-	-	-	6,654	-	-	6,654	-
6	24	24	-	-	-	-	35	16,481	-	37	16,553	-
6	27	25	-	-	-	-	-	-	-	342	342	-
6	30	15	-	-	-	-	-	-	-	1,051	1,051	-
7	7	7	-	-	14	14	708	6,640	-	-	7,376	1
7	8	6	-	-	-	-	-	-	-	-	-	-
8	10	6	-	-	7	-	-	-	-	807	614	-
8	12	6	11	-	-	31	491	342	252	-	1,127	-
8	12	12	-	50	5	1,159	97	-	-	-	1,311	9,271
8	12	16	-	-	-	54	-	-	-	-	54	340
8	16	0	-	-	-	-	20	2,624	-	-	2,644	12
8	16	8	16	620	1,345	22,027	344	4,271	-	-	28,623	194
8	16	16	-	1,134	6	16	15,081	16,204	3	-	32,444	3,171
8	24	0	-	-	-	-	-	333	-	-	333	19,333
8	32	16	-	-	-	-	5	23,161	-	34	23,200	6,090
9	9	9	-	-	-	-	-	1,395	-	-	1,395	-
9	20	20	-	-	-	-	-	-	-	-	-	-
10	4	4	-	-	-	-	-	-	-	186	186	-
10	5	10	-	-	2,367	-	65	1,157	-	-	3,589	112
10	6	4	3	5	72	83	2,007	5,148	-	1,268	8,586	20
10	10	10	122	1,822	3,376	8,341	34,525	71,436	20	1,457	121,099	10,043
10	15	15	-	-	-	-	20	-	-	-	20	2,453
10	15	20	-	-	-	-	-	1,496	-	-	1,496	-
10	20	0	-	-	-	-	2	46	-	-	48	-
10	20	10	-	1	-	-	116	1,509	498	1,345	3,469	2,670
10	20	20	11	11,527	46	20	101	3,006	-	-	14,711	690
10	24	12	-	-	-	-	-	3	-	-	3	-
10	30	10	-	-	-	-	-	26	1,989	2,268	4,283	9,329
10	52	17	1	1	9	1	14	229	-	-	255	-
11	12	14	-	-	-	-	-	-	-	-	-	250
12	5	7	28	-	42	55	918	1,450	370	-	2,863	-
12	6	6	13	35	14	22	312	537	1	2	936	85
12	12	12	-	-	-	-	-	588	-	-	588	943
13	13	13	-	-	-	-	-	-	357	67	424	-
13	16	10	-	-	-	-	-	-	-	7,399	7,399	-
14	7	6	-	-	-	13	416	567	262	-	1,258	3
14	7	7	-	-	-	-	-	2,895	1,733	-	4,628	-
14	14	7	-	-	-	-	-	-	-	168	168	-
15	10	10	-	8	-	-	17	-	-	-	25	1,001
15	15	15	1	455	74	5	107	13,314	-	-	13,956	475
16	8	8	-	-	7	4	1,941	8,370	-	-	10,322	1,465
16	10	20	-	-	-	-	24	-	-	-	24	2,578
Other mixes			123	3,840	3,562	4,731	3,480	23,944	359	3,108	43,147	27,438
Totals, 1966			5,071	67,105	37,403	86,597	229,211	550,429	6,140	25,819	1,007,775	109,637
Totals, 1965			4,929	59,709	32,067	79,008	196,212	508,847	4,395	23,038	908,205	97,818

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

## FERTILIZER TRADE

TABLE 7. Tobacco Specials Sold during Year Ended June 30, 1967

Analysis			Quebec	Ontario	Other provinces	Canada
tons of 2,000 pounds						
<b>N</b>	<b>P<sub>2</sub>O<sub>5</sub></b>	<b>K<sub>2</sub>O</b>				
0	12	20	—	2	—	2
0	15	15	—	1,885	—	1,885
0	16	16	—	829	—	829
0	20	20	—	346	—	346
1	20	20	—	—	—	—
2	10	15	—	—	—	—
2	12	10	5	1,828	—	1,833
2	12	12	2,026	9,169	—	11,195
2	12	14	—	17,973	—	17,973
2	12	16	1,579	23,200	—	24,779
2	12	18	—	10	—	10
2	14	14	—	1,689	—	1,689
2	15	15	—	1,232	—	1,232
3	12	12	—	5	—	5
3	12	14	—	—	—	—
3	14	14	—	—	—	—
3	15	20	—	—	—	—
3	18	18	—	642	—	642
5	8	11	1,686	—	—	1,686
5	10	15	—	2,192	—	2,192
5	18	18	—	13	—	13
10	20	10	—	292	—	292
Other			125	19,919	607	20,651
<b>Totals</b>			<b>5,421</b>	<b>81,226</b>	<b>607</b>	<b>87,254</b>

Note: The figures in this table are included in Table 5.

TABLE 8. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Prince Edward Island during the Year Ended June 30, 1967

County	Materials	Mixed fertilizers	Total
tons of 2,000 pounds			
Kings	94	11,174	11,268
Prince	264	24,314	24,578
Queens	194	21,531	21,725
<b>Totals</b>	<b>552</b>	<b>57,019</b>	<b>57,571</b>

TABLE 9. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Nova Scotia during the Year Ended June 30, 1967

County	Materials	Mixed fertilizers	Total
tons of 2,000 pounds			
Annapolis	122	1,191	1,313
Antigonish	188	1,515	1,703
Cape Breton	103	830	933
Colchester	239	3,569	3,808
Cumberland	186	2,317	2,503
Digby	115	1,597	1,712
Guysborough	2	95	97
Halifax	268	1,611	1,879
Hants	267	3,443	3,710
Inverness	101	941	1,042
Kings	1,792	11,817	13,619
Lunenburg	107	1,851	1,958
Pictou	143	1,739	1,882
Richmond	7	78	85
Queens	11	117	128
Shelburne	7	132	139
Victoria	6	169	175
Yarmouth	49	470	519
<b>Totals</b>	<b>3,713</b>	<b>33,482</b>	<b>37,195</b>

TABLE 10. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in New Brunswick during the Year Ended June 30, 1967

County	Materials	Mixed fertilizers	Total
Albert	1	223	224
Carleton	185	25,133	25,318
Charlotte	29	609	638
Gloucester	37	1,450	1,487
Kent	27	1,672	1,699
Kings	44	3,511	3,555
Madawaska	29	6,763	6,792
Northumberland	15	960	975
Queens	19	520	539
Restigouche	30	2,325	2,355
St. John	95	803	898
Sunbury	63	385	448
Victoria	91	29,344	29,435
Westmorland	143	4,537	4,680
York	226	3,510	3,736
<b>Totals</b>	<b>1,034</b>	<b>81,745</b>	<b>82,779</b>

TABLE 11. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Quebec during the Year Ended June 30, 1967

County	Materials	Mixed fertilizers	Total
Abitibi	301	763	1,064
Argenteuil	115	1,193	1,308
Arthabaska	966	15,660	16,626
Bagot	829	9,285	10,114
Beauce	308	5,682	5,990
Beauharnois	136	2,137	2,273
Bellechasse	324	4,115	4,439
Berthier	236	3,206	3,442
Bonaventure	114	1,601	1,715
Brome	74	791	865
Chambly	239	641	880
Champlain	396	2,897	3,293
Charlevoix	52	898	950
Châteauguay	474	4,695	5,169
Chicoutimi	124	2,837	2,961
Compton	167	3,956	4,123
Deux-Montagnes (Two Mountains)	411	4,375	4,786
Dorchester	229	4,543	4,772
Drummond	326	5,560	5,886
Frontenac	51	2,531	2,582
Gaspé	18	693	711
Gatineau	42	356	398
Hull	-	69	69
Huntingdon	218	2,753	2,971
Iberville	398	5,271	5,669
Îles-de-la-Madeleine	7	197	204
Jesus Island (Île-Jésus)	75	2,789	2,864
Joliette	689	7,485	8,174
Kamouraska	401	3,622	4,023
Labelle	225	1,534	1,759
Lac-St-Jean (Lake St. John)	305	3,426	3,731
Laprairie	155	3,097	3,252
L'Assomption	355	6,314	6,669
Lévis	229	3,355	3,584
L'Islet	162	1,684	1,846
Lotbinière	1,058	6,443	7,501
Maskinongé	71	864	935
Matane	139	1,653	1,792
Matapédia	73	2,036	2,109
Mégantic	405	4,738	5,143
Missisquoi	552	5,101	5,653
Montcalm	193	4,134	4,327
Montmagny	247	1,579	1,826
Montmorency	143	5,390	5,533
Montreal Island (Île-de-Montréal)	941	6,131	7,072
Napierville	268	10,902	11,170
Nicolet	796	9,225	10,021
Papineau	92	2,711	2,803
Pontiac	120	561	681
Portneuf	400	5,059	5,459
Québec	608	1,681	2,289
Richelieu	264	3,170	3,434
Richmond	365	3,534	3,899
Rimouski	316	3,639	3,955
Rivière-du-Loup	125	7,904	8,029
Rouville	615	6,151	6,766

TABLE 11. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Quebec during the Year Ended June 30, 1967 - Concluded

County	Materials	Mixed fertilizers	Total
	tons of 2,000 pounds		
Saguenay .....	76	618	694
Shefford .....	341	5,232	5,573
Sherbrooke .....	198	2,530	2,728
Soulanges .....	235	1,356	1,591
Stanstead .....	172	3,613	3,785
St-Hyacinthe .....	1,079	10,382	11,461
St-Jean .....	166	2,814	2,980
St-Maurice .....	172	1,431	1,603
Témiscamingue .....	132	846	978
Témiscouata .....	88	1,240	1,328
Terrebone .....	109	2,230	2,339
Vaudreuil .....	204	964	1,168
Verchères .....	241	3,304	3,545
Wolfe .....	61	2,154	2,215
Yamaska .....	607	4,976	5,583
<b>Totals .....</b>	<b>20,823</b>	<b>256,307</b>	<b>277,130</b>

TABLE 12. County Distribution of Fertilizer Materials and Mixed Fertilizers Sold in Ontario during the Year Ended June 30, 1967

County	Materials	Mixed fertilizers	Total
	tons of 2,000 pounds		
Algoma .....	277	813	1,090
Brant .....	4,518	12,707	17,225
Bruce .....	8,379	18,296	26,675
Carleton .....	2,449	8,400	10,849
Cochrane .....	2,252	692	2,944
Dufferin .....	1,229	6,935	8,164
Dundas .....	1,319	4,654	5,973
Durham .....	1,182	7,044	8,226
Elgin .....	10,822	31,786	42,608
Essex .....	19,229	37,837	57,066
Frontenac .....	196	657	853
Glengarry .....	780	3,062	3,842
Grenville .....	510	2,920	3,430
Grey .....	6,197	12,418	18,615
Haldimand .....	3,316	4,631	7,947
Haliburton .....	44	168	212
Halton .....	1,813	5,994	7,807
Hastings .....	1,446	3,705	5,151
Huron .....	9,836	31,406	41,242
Kenora .....	62	19	81
Kent .....	48,497	75,144	123,641
Lambton .....	12,389	27,242	39,631
Lanark .....	284	3,231	3,515
Leeds .....	884	2,680	3,564
Lennox-Addington .....	391	1,254	1,645
Lincoln .....	2,504	6,172	8,676
Manitoulin .....	1,185	775	1,960
Middlesex .....	14,001	40,159	54,160
Muskoka .....	84	293	377
Nipissing .....	292	1,341	1,633
Norfolk .....	10,841	51,198	62,039
Northumberland .....	1,925	11,303	13,228
Ontario .....	2,709	8,699	11,408
Oxford .....	12,130	33,548	45,678
Parry Sound .....	130	730	860
Peel .....	1,575	5,501	7,076
Perth .....	6,122	19,116	25,238
Peterboro .....	857	2,798	3,655
Prescott .....	1,773	4,934	6,707
Prince Edward .....	744	2,476	3,220
Rainy River .....	-	-	-
Renfrew .....	667	2,422	3,089
Russell .....	1,231	4,113	5,344
Simcoe .....	6,050	23,399	29,449
Stormont .....	542	1,583	2,125
Sudbury .....	293	1,978	2,271
Timiskaming .....	934	1,443	2,377
Thunder Bay .....	247	872	1,119
Victoria .....	712	2,692	3,404
Waterloo .....	3,947	15,318	19,265
Welland .....	845	3,348	4,193
Wellington .....	3,375	16,297	19,672
Wentworth .....	2,562	7,573	10,135
York .....	4,133	22,418	26,551
Undistributed .....	6,125	176	14,301
<b>Totals .....</b>	<b>226,836</b>	<b>596,370</b>	<b>831,206</b>

TABLE 13. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold during the Years Ended June 30, 1966 and 1967

Province	1966			1967				
	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)
tons of 2,000 pounds								
<b>(a) In materials</b>								
Newfoundland .....	329	58	3	11	646	158	10	25
Prince Edward Island .....	499	111	29	5	552	97	48	6
Nova Scotia .....	3,426	675	238	278	3,713	625	250	431
New Brunswick .....	1,409	265	104	66	1,034	146	77	66
Quebec .....	16,643	1,551	2,200	598	20,823	2,621	2,616	674
Ontario .....	180,027	42,420	15,566	17,417	226,836	54,081	17,294	23,363
Manitoba .....	149,427	29,042	41,050	417	176,835	37,797	44,483	676
Saskatchewan .....	214,241	34,290	75,626	230	264,613	48,038	86,090	301
Alberta .....	314,403	63,947	72,105	123	396,024	86,074	85,383	492
British Columbia .....	29,685	5,482	4,540	1,499	31,414	5,923	4,737	1,772
<b>Totals, Canada .....</b>	<b>910,089</b>	<b>177,841</b>	<b>211,461</b>	<b>20,644</b>	<b>1,122,490</b>	<b>235,560</b>	<b>240,988</b>	<b>27,806</b>
Exported from Canada .....	3,662,584	187,585	109,877	1,668,005	4,167,968	200,581	125,779	2,007,778
<b>Grand totals .....</b>	<b>4,572,673</b>	<b>365,426</b>	<b>321,338</b>	<b>1,688,649</b>	<b>5,290,458</b>	<b>436,141</b>	<b>366,767</b>	<b>2,035,584</b>
<b>(b) In mixtures</b>								
Newfoundland .....	5,071	302	626	544	5,179	317	645	568
Prince Edward Island .....	67,105	4,782	9,528	9,353	57,019	4,767	9,241	9,126
Nova Scotia .....	37,403	2,615	4,780	4,743	33,482	2,550	4,671	4,637
New Brunswick .....	86,597	6,142	11,567	8,603	81,745	6,353	11,469	8,853
Quebec .....	229,211	12,592	33,594	31,860	256,307	14,979	37,518	36,387
Ontario .....	550,429	33,258	91,188	77,563	596,370	37,512	102,736	87,643
Manitoba .....	3,957	458	583	339	4,301	474	927	568
Saskatchewan .....	470	50	112	48	1,234	111	264	142
Alberta .....	1,713	185	346	176	2,917	301	676	331
British Columbia .....	25,819	2,311	3,806	2,466	22,400	2,086	3,079	2,081
<b>Totals, Canada .....</b>	<b>1,007,775</b>	<b>62,695</b>	<b>156,130</b>	<b>135,695</b>	<b>1,060,954</b>	<b>69,450</b>	<b>171,226</b>	<b>150,336</b>
Exported from Canada .....	109,637	14,837	16,647	8,169	67,386	5,884	12,354	8,720
<b>Grand totals .....</b>	<b>1,117,412</b>	<b>77,532</b>	<b>172,777</b>	<b>143,864</b>	<b>1,128,340</b>	<b>75,334</b>	<b>183,580</b>	<b>159,056</b>
<b>(c) Total</b>								
Newfoundland .....	5,400	360	629	555	5,825	475	655	593
Prince Edward Island .....	67,604	4,893	9,557	9,358	57,571	4,864	9,289	9,132
Nova Scotia .....	40,829	3,290	5,018	5,021	37,195	3,175	4,921	5,068
New Brunswick .....	88,006	6,407	11,671	8,669	82,779	6,499	11,546	8,919
Quebec .....	245,854	14,143	35,794	32,458	277,130	17,600	40,134	37,061
Ontario .....	730,456	75,678	106,754	94,980	823,206	91,593	120,030	111,006
Manitoba .....	153,384	29,500	41,633	756	181,136	38,271	45,410	1,244
Saskatchewan .....	214,711	34,340	75,738	278	265,847	48,149	86,354	443
Alberta .....	316,116	64,132	72,451	299	398,941	86,375	86,059	823
British Columbia .....	55,504	7,793	8,346	3,965	53,814	8,009	7,816	3,853
<b>Totals, Canada .....</b>	<b>1,917,864</b>	<b>240,536</b>	<b>367,591</b>	<b>156,339</b>	<b>2,183,444</b>	<b>305,010</b>	<b>412,214</b>	<b>178,142</b>
Exported from Canada .....	3,772,221	202,422	126,524	1,676,174	4,235,354	206,465	138,133	2,016,498
<b>Grand totals .....</b>	<b>5,690,085</b>	<b>442,958</b>	<b>494,115</b>	<b>1,832,513</b>	<b>6,418,798</b>	<b>511,475</b>	<b>550,347</b>	<b>2,194,640</b>

TABLE 14. Fertilizers Sold for Consumption in Canada during the Years Ended June 30, 1947-67

Year	Materials		Mixtures		Total tons of 2,000 pounds
	Quantity	Percentage of total	Quantity	Percentage of total	
	tons of 2,000 pounds		tons of 2,000 pounds		
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	808,251
1958	181,973	20.9	688,566	79.1	870,539
1959	218,661	24.0	689,553	76.0	908,214
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
1964	609,580	41.9	844,752	58.1	1,454,332
1965	685,388	43.0	908,205	57.0	1,593,593
1966	910,089	47.5	1,007,775	52.5	1,917,864
1967	1,122,452	51.4	1,060,954	48.6	2,183,406

TABLE 15. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold in Canada during the Years Ended June 30, 1947-67

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
	tons of 2,000 pounds								
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	30,351	105,010	55,061
1950	14,533	47,151	1,924	18,820	70,840	54,063	33,353	117,991	55,987
1951	16,167	48,745	2,181	18,328	73,142	53,949	34,495	121,887	56,130
1952	17,357	46,413	2,594	19,213	72,951	55,423	36,570	119,364	58,017
1953	20,956	52,829	2,838	22,933	79,873	64,749	43,889	132,702	67,587
1954	18,213	42,108	3,327	23,812	80,239	66,641	42,025	122,347	69,968
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	49,337	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	106,492
1963	80,043	105,274	9,704	42,280	118,285	102,285	122,323	223,314	111,989
1964	118,775	138,532	14,087	46,803	125,713	106,609	165,578	264,245	120,696
1965	135,197	154,587	18,264	52,976	139,171	117,142	188,173	293,758	135,405
1966	177,841	211,461	20,644	62,695	156,130	135,695	240,536	367,591	156,339
1967	235,560	240,988	27,806	69,450	171,226	150,336	305,010	412,214	178,142

TABLE 16. Lime and Limestone Produced in Canada for Agricultural Purposes, 1955 - 66

Year	Lime	Limestone (including marl)	Year	Lime	Limestone (including marl)
tons of 2,000 pounds			tons of 2,000 pounds		
1955	5,420	424,028	1961	10,309	1,230,313
1956	6,251	476,506	1962	2,682	1,189,278
1957	3,181	608,912	1963	- 8,495	1,087,962
1958	3,538	691,067	1964	16,939	1,195,117
1959	8,515	703,167	1965	19,081	1,156,869
1960	7,731	892,177	1966	..	..

TABLE 17. Nutrient Content of Production, Imports, Exports of Fertilizer Materials, 1958 - 67

Period ending June 30	Nitrogen (N)			Phosphoric acid (P <sub>2</sub> O <sub>5</sub> )			Potash (K <sub>2</sub> O)		
	Production <sup>1</sup>	Imports <sup>2</sup>	Exports <sup>3,4</sup>	Production	Imports <sup>2</sup>	Exports <sup>3,4</sup>	Production <sup>5</sup>	Imports <sup>2,6,7</sup>	Exports <sup>4,8</sup>
tons of 2,000 pounds									
1958	244,226	14,170	203,656	175,145	44,455	80,768	-	90,145	5,152
1959	248,035	16,602	197,445	175,000	44,103	87,957	•	91,794	•
1960	253,345	13,500	216,467	199,570	45,040	98,318	•	85,820	•
1961	319,168	12,660	232,775	231,840	46,188	100,166	•	101,370	•
1962	344,188	14,867	220,306	261,033	47,035	111,182	•	124,730	•
1963	341,848	6,920	229,603	299,453	44,443	101,890	403,679	75,180	310,633
1964	365,783	17,048	191,939	353,547	86,279	102,842	747,257	58,115	638,749
1965	375,528	12,751	185,653	374,159	66,604	97,207	1,176,408	49,780	983,556
1966	415,939	18,772	202,422	461,608	65,498	126,524	1,927,843	34,522	1,676,174
1967	525,690	25,040	206,465	533,460	73,936	138,133	2,204,231	38,090	2,004,504

<sup>1</sup> Production: All nitrogenous materials plus "N" content of non-industrial type anhydrous ammonia used for direct application and export.

<sup>2</sup> Does not include nutrient content of mixes.

<sup>3</sup> Exports: Shipped for export by producers; not necessarily equivalent to export out of country as shown in "Trade of Canada - Exports".

<sup>4</sup> Exports: Includes nutrient quantity of all fertilizer material and nutrient quantity of all mixes.

<sup>5</sup> Source: Special Monthly survey.

<sup>6</sup> Imports: Imports, as reported in "Trade of Canada", of potassium chloride, potassium sulphate, sulphate of potash-magnesia.

<sup>7</sup> Revised on basis of K<sub>2</sub>O content.

<sup>8</sup> Not available for publication.

\* Data incomplete because details on exports of potash salts not available for publication. See Table 13 for exports of mixes.

List of Reporting Companies, 1967

Name of company	Plant location
Acme Peat Products, Ltd.	Richmond, B.C.
Agricultural Anhydrous Ammonia Co.	Aylmer, Ont.
Agricultural Chemicals Ltd.	Islington, Ont.
Agricultural Chemicals, Ltd.	London, Ont.
Algoma Steel Corporation, Ltd., The	Sault Ste. Marie, Ont.
Border Fertilizer Ltd.	Transcona, Man.
Bradford Fertilizer Co. Ltd.	Aurora, Ont.
Brockville Chemicals Industries, Limited	Summerside, P.E.I.
Brockville Chemicals Industries, Limited	East St. John, N.B.
Brockville Chemicals Industries, Limited	Lasalle, Que.
Brockville Chemicals Industries, Limited	Etobicoke, Ont.
Brockville Chemicals Industries, Limited	Maitland, Ont.
Buckerfield's, Limited	New Westminster, B.C.
Burford Fertilizer Co.	Burford, Ont.
Burns Foods Limited	Prince Albert, Sask.
Canada Packers, Ltd.	Windsor, N.S.
Canadian Industries, Ltd.	Halifax, N.S.
Canadian Industries, Ltd.	Montreal, Que.
Canadian Industries, Ltd.	McMasterville, Que.
Canadian Industries, Ltd.	Hamilton, Ont.
Ceresdale Fertilizer Ltd.	Newcastle, Ont.
Cominco Ltd.	Trail, B.C.
Cyanamid of Canada, Limited	Montreal, Que.
Diversified Research & Sales Limited	Maple, Ont.
Dominion Potash Limited	Westmount, Que.
Dasco Steel Limited	Sydney, N.S.
Dow Chemical of Canada, Ltd.	Sarnia, Ont.
Electric Reduction Co. of Canada, Ltd.	Port Maitland, Ont.



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215

List of Reporting Companies, 1967 - Concluded

Name of company	Plant location
Elgin Co-Operative Services .....	St. Thomas, Ont.
Elmira Fertilizers, Limited .....	Elmira, Ont.
Excellent Fertilizers, Limited.....	Drummond, N.B.
Fundy Chemical Corp., Ltd.....	Dorchester Cape, N.B.
Fundy Fertilizers, Ltd. ....	Kentville, N.S.
Globe Fertilizer Company, Ltd. ....	Vancouver, B.C.
Golden Sunshine Fertilizer Co. ....	Essex, Ont.
Green Valley Fertilizer & Chemical Co. Ltd. ....	North Surrey, B.C.
Harriston Fertilizers, Ltd. ....	Harriston, Ont.
Huronina Fertilizer Ltd. ....	Alliston, Ont.
International Fertilizers, Ltd. ....	Cornwall, Ont.
International Fertilizers, Ltd. ....	East St. John, N.B.
International Fertilizers, Ltd. ....	Quebec, Que.
International Minerals & Chemical Corp. (Canada) Ltd. ....	Esterhazy, Sask.
Island Fertilizers, Ltd. ....	Charlottetown, P.E.I.
Jenkins, W.A., Mfg. Co. Ltd. ....	London, Ont.
Kalium Chemicals, Limited .....	Regina, Sask.
Kent County Fertilizers, Ltd. ....	Blenheim, Ont.
Kent County Fertilizers, Ltd. ....	Ridgetown, Ont.
Kent County Fertilizers, Ltd. ....	Eberts, Ont.
Kent County Fertilizers, Ltd. ....	Tupperville, Ont.
Les Engrais Chimiques Lévis, Ltée .....	Charny, Que.
Les Engrais Chimiques Maska Ltée.....	Ste-Rosalie, Que.
Les Engrais Chimiques Victoria, Ltée.....	Victoriaville, Que.
Les Engrais Idéal, Ltée .....	St-Rémi, Que.
Les Engrais Laprairie, Ltée .....	Laprairie, Que.
Les Engrais Paysan, Ltée .....	L'Assomption, Que.
Long Fertilizers Ltd. ....	Clair, N.B.
Manchester Products, Ltd. ....	Galt, Ont.
McCain Fertilizers, Limited.....	Florenceville, N.B.
Metal Mines Limited of Toronto.....	Toronto, Ont.
Milwaukee Sewerage Commission .....	Milwaukee Wisconsin, U.S.A.
Misner Fertilizers Limited .....	Port Dover, Ont.
"Na-Churs" Plant Food Co., (Canada) Ltd. ....	London, Ont.
Northwest Nitro-Chemicals, Ltd. ....	Medicine Hat, Alta.
Ontario Plant Foods, Ltd. ....	Delhi, Ont.
Petrolia Grain & Feeds, Limited.....	Petrolia, Ont.
Potash Company of America .....	Saskatoon, Sask.
Prima Fertilizers, Ltd. ....	Kensington, P.E.I.
Prima Fertilizers, Ltd. ....	Milton, P.E.I.
Prima Fertilizers, Ltd. ....	Montague, P.E.I.
Quebec Natural Gas Corporation .....	Montreal, Que.
Ralphdale Fertilizers Co. ....	Richmond, Ont.
Rainbow Chemicals Ltd. ....	Tilbury, Ont.
Ram Fertilizer Ltd. ....	Courtland, Ont.
Scotch Fertilizers Ltd. ....	Glencoe, Ont.
Scotch Fertilizers, Ltd. ....	Kerwood, Ont.
Shakespeare Fertilizers, Ltd. ....	Shakespeare, Ont.
Shamrock Chemicals, Ltd. ....	London, Ont.
Sherritt Gordon Mines, Ltd. ....	Fort Saskatchewan, Alta.
Simplol Chemical Co. Ltd. ....	Brandon, Man.
So-Green Industries .....	Don Mills, Ont.
St. Clair Grain and Feeds .....	Chatham, Ont.
Steel Company of Canada, Limited, The .....	Hamilton, Ont.
St. Lawrence Fertilizers, Limited.....	Valleyfield, Que.
Summers Fertilizer Co. Inc., The .....	St. Stephen, N.B.
Top Value Fertilizers, Ltd. ....	McGregor, Ont.
Toronto Sait & Chemicals, Ltd.....	Toronto, Ont.
United Co-operatives of Ontario .....	Weston, Ont.
Valley Fertilizers, Ltd. ....	Coldbrook, N.S.
Western Co-operative Fertilizers Ltd.....	Calgary, Alta.
Wilson Laboratories Ltd. ....	Dundas, Ont.