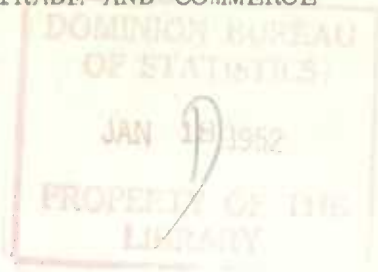


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DOMINION BUREAU OF STATISTICS - DEPARTMENT OF TRADE AND COMMERCE



THE FERTILIZER TRADE
July 1, 1950 - June 30, 1951

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NOTICE

The Industry and Merchandising Division of the Bureau of Statistics collects and compiles figures on (a) the primary industries in Canada—mining, forestry and fishing; (b) manufacturing; (c) construction, and (d) merchandising and services.

For the purpose of annual compilation and publication, the manufacturing industries have been classified into major groups, prefaced by two reports of a general nature, as follows:

- I Summary Report on Manufacturing Industries
- II Manufacturing Industries by Geographical Distribution
- III Foods and Beverages
- IV Tobacco and Tobacco Products
- V Rubber Products
- VI Leather Products
- VII Miscellaneous Manufactures
- VIII Textiles
- IX Wood and Paper Products
- X Printing Trades
- XI Operations in the Woods
- XII Iron and Steel Products
- XIII Transportation Equipment
- XIV Non-ferrous Metal Products
- XV Electrical Apparatus and Supplies
- XVI Non-metallic Mineral Products
- XVII Products of Petroleum and Coal
- XVIII Chemicals and Allied Products

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

- A General Review, 25¢.
- B The Acids, Alkalies and Salts Industry, 25¢.
- C The Fertilizer Manufacturing Industry, 25¢.
- D The Fertilizer Trade in Canada, 30¢.
- 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, 1950 - June 30, 1951

Sales of mixed fertilizers and of fertilizer materials for direct application to the soil, including exports, amounted to 1,436,799 tons in the year ended June 30, 1951. Sales to Canadian users totalled 770,507 tons including 153,933 tons of fertilizer materials and 616,574 tons of mixtures, the latter tonnages being up 5.5 per cent and down 0.3 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 1,043,413 tons compared with 999,993 tons in the preceding year and the output of mixed fertilizers decreased to 664,270 tons from 699,292 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 724,341 tons compared with 803,638 tons during the previous fertilizer year. The more important items which were brought in were: natural phosphate rock, 400,636 tons; superphosphate, 168,900 tons; muriate of potash, 107,597 tons; nitrogen solution, 22,838 tons; and sulphate of potash, 10,988 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 639,897 tons of materials and 26,395 tons of mixtures, representing increases of 10.5 per cent and 31.1 per cent respectively from the previous fertilizer year. Ammonium sulphate, ammonium phosphate, ammonium nitrate, and cyanamide were the principal materials exported.

TABLE 1. Sales of Fertilizer Materials and Mixed Fertilizers, Years ended June 30, 1950 and 1951

Province	Fertilizer Materials			Mixed Fertilizers		
	1950	1951	Percentage Increase + Decrease -	1950	1951	Percentage Increase + Decrease -
	(short tons)					
Newfoundland	460	394	- 14.3	3,754	4,267	+ 13.6
Prince Edward Island	2,280	1,620	- 28.9	44,939	33,637	- 25.3
Nova Scotia	2,940	2,876	- 2.2	29,304	29,961	+ 0.5
New Brunswick	2,481	2,476	- 0.2	68,978	57,352	- 16.3
Quebec	11,806	10,233	- 13.3	136,230	140,131	+ 2.9
Ontario	29,534	34,135	+ 15.5	317,034	334,151	+ 5.4
Manitoba	21,233	22,385	+ 5.4	327	330	+ 1.0
Saskatchewan	30,393	31,362	+ 1.5	117	86	- 26.5
Alberta	32,750	35,763	+ 9.2	126	94	- 25.3
British Columbia	11,590	12,689	+ 9.5	17,240	16,505	- 4.3
Canada	145,972	153,933	+ 5.4	618,609	616,574	- 0.3
Exported	578,997	639,897	+ 10.5	20,053	26,395	+ 31.1
Total	724,969	793,830	+ 9.5	638,662	642,969	+ 0.7

TABLE 2. Production and Imports of Fertilizers, as Reported by Manufacturers and Importers During the Years Ended June 30, 1950 and 1951

Item	1950		1951	
	Manufactured	Imported	Manufactured	Imported
	(short tons)			
Mixed fertilizers — solid	698,705	—	663,737	29
Mixed fertilizers — liquid	587	—	533	2
Nitrogen solution	—	17,725	—	22,838
Ammonium sulphate	217,638	76	214,791	89
Superphosphate	1	152,429	1	168,900
Ammonium nitrate	1	1	1	—
Ammonium phosphate	1	—	1	70
Cyanamide	1	1	1	1
Natural phosphate rock ²	—	493,014	—	400,636
Bone meal or bone flour	382	40	1,374	170
Muriate of potash, 50%	—	14,598	—	10,324
Muriate of potash, 60%	—	99,655	—	97,273
Sulphate of potash	—	6,941	—	10,988
Sulphate of potash, magnesia	—	3,239	—	1,200
Potash manure salts	—	2,619	—	—
Tankage	548	20	425	—
Sheep manure	105	1,629	—	2,287
Dried blood	70	—	149	—
Nitrate of soda	28	317	—	914
Other materials ³	29	11,257	266	8,367

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, 1950

Item	Newfound-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoha	Saskatche-wan	Alberta	British Columbia	Total sold in Canada
	(short tons)										
Nitrate of soda	275	—	—	—	54	725	—	—	—	16	1,070
Sulphate of ammonia	6	253	258	184	190	307	95	45	697	1,823	3,858
Calcium cyanamide	—	30	130	91	13	2,363	20	—	—	183	2,830
Ammonium nitrate	149	406	658	381	503	2,851	2	1	66	1,676	6,893
Ammonium phosphate:											
11-48-0	—	—	—	—	—	2,225	19,359	29,766	28,393	1,078	80,821
16-20-0	—	—	—	—	—	11	1,705	1,068	3,343	3,332	9,459
Superphosphate	27	1,251	1,618	1,506	7,751	14,322	11	—	—	1,319	27,805
Natural phosphate rock	—	—	—	—	229	2	—	—	—	—	109
Basic slag	—	—	—	2	2,439	20	—	—	—	—	2,459
Bone meal and flour	—	—	51	3	45	829	22	—	6	473	1,429
Muriate of potash, 50%	—	—	—	—	48	408	—	—	—	—	456
Muriate of potash, 60%	2	328	56	277	87	1,287	—	—	3	649	2,689
Sulphate of potash	—	—	3	—	3	57	—	—	1	52	116
Tankage	—	—	—	—	—	14	—	—	221	207	442
Sheep manure	—	—	47	25	400	771	19	18	—	84	1,364
Dried blood	—	—	—	—	—	5	—	—	20	75	100
Fish meal	—	—	—	—	—	—	—	—	—	2	2
All other materials	1	12	119	14	44	3,337	—	—	—	312	3,839
Total Materials	460	2,280	2,940	2,481	11,806	29,534	21,233	30,898	32,750	11,590	145,972
Mixed fertilizers	3,754	44,999	29,804	68,978	136,230	317,034	327	117	126	17,240	618,609
Total — 1949-50	4,214	47,279	32,744	71,459	148,036	346,568	21,560	31,015	32,876	28,830	764,581
Total — 1948-49²	4,492	51,432	35,746	75,532	150,716	327,949	17,037	22,773	28,002	28,047	741,726

1. Almost all 20% superphosphate.

2. Although Newfoundland did not join Confederation until April 1 1949, sales are shown for the full period July 1 1948 — June 30 1949.

TABLE 4. Sales of Fertilizers, Except for Manufacturing Purposes, During the Year Ended June 30, 1951

Item	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total sold in Canada
(short tons)											
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 ¹	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 %	—	15	—	—	32	360	—	—	—	—	407
Muriate of potash, 60 %	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 ²	—	6	7	36	156	3,772	—	—	—	370	4,347
Total Materials	394	1,620	2,876	2,476	10,233	34,135	22,385	31,362	35,763	12,689	153,933
Mixed fertilizers	4,267	33,637	29,961	57,352	140,181	334,161	330	86	94	16,505	616,574
Total — 1950-51	4,661	35,257	32,837	59,828	150,414	368,296	22,715	31,448	35,857	29,194	770,507
Total — 1949-50	4,214	47,279	32,744	71,459	148,036	346,568	21,560	31,015	32,876	28,830	764,581

1. Almost all 20% superphosphate
 2. Not included are 27,487 tons of Lime sold as soil conditioner

TABLE 5. Mixed Fertilizers Sold During the Year Ended June 30, 1950

Formula	Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba Saskatchewan and Alberta	British Columbia	Total sold in Canada	Exported
(short tons)										
N	P ₂ O ₅	K ₂ O								
0	12	12	—	—	—	8,079	—	—	8,079	—
0	12	20	—	—	—	4,884	—	—	5,558	—
0	16	8	—	—	3,429	11,493	—	674	14,922	—
2	10	8	—	—	37	22,706	—	—	22,743	—
2	12	6	9	138	2,587	49,022	116,956	3	168,707	43
2	12	10	—	—	—	11,699	68,721	45	78,465	18
2	14	8	—	—	—	1,670	2,583	—	4,253	—
2	16	6	—	—	—	9,407	9,988	9	20,076	—
3	10	8	—	—	—	—	6,797	—	6,797	—
3	15	6	197	7,087	14,461	6,933	13	—	28,691	43
3	18	9	—	—	—	—	7,448	—	7,448	—
4	8	10	17	22	60	16,065	45,367	41	95,816	57
4	10	10	—	—	—	—	—	15	6,470	—
4	12	6	3	—	85	74	1,449	9	4,892	42
4	12	10	—	—	—	—	7,413	10	7,425	—
5	10	10	2,411	11,967	8,529	20,559	4,813	84	48,368	4,027
5	10	13	95	25,775	2,861	17,250	2,758	348	49,087	—
6	8	6	—	—	—	—	—	5	2,066	—
6	9	12	1	134	125	4,215	—	—	4,475	8,757
6	12	6	1,000	10	2,507	1,025	—	—	4,542	244
8	10	5	—	—	—	—	—	4	1,849	—
9	5	7	11	1	126	1,612	487	—	1,853	3
9	9	7	7	—	988	93	—	—	2,238	3
10	20	10	—	—	—	—	—	—	1,088	3
Other mixtures	3	3	49	71	4,954	13,539 ¹	470	1,350	23,196	6,816
Total	3,754	44,999	29,804	68,978	136,230	317,034	570	17,240	618,609	20,053

1. Includes 252 tons of liquid fertilizers.

TABLE 6. Mixed Fertilizers Sold During the Year Ended June 30, 1951

Formula	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba Saskatchewan Alberta	British Columbia	Total sold in Canada	Exported
(short tons)										
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	-	-	-	-	-	20,374	-	-	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
3-10-3	-	-	-	-	-	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	2,728	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	32	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	10,349
Total	4,267	32,637	29,961	57,352	140,181	334,161	510	16,505	616,574	26,336

TABLE 7. Tobacco Specials Sold During the Year Ended June 30, 1951

Formula	Quebec	Ontario	British Columbia	Total
(short tons)				
N P ₂ O ₅ K ₂ O				
1 12 12	-	64	-	64
2 10 8	-	17,686	-	17,686
2 12 10	2,997	36,540	72	39,609
2 12 12	-	62	-	62
3 10 8	-	3,967	-	3,967
3 15 12	-	618	-	618
4 8 10	-	1,129	-	1,129
5 8 10	2,384	5	-	2,389
Total	5,381	60,071	72	65,524

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

TABLE 8. Sales of Mixed Fertilizers, Containing Boron, During the Year Ended June 30, 1951

Formula	New-found-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba Saskatchewan and Alberta	British Columbia	Canada	Exported
(short tons)										
N P ₂ O ₅ K ₂ O										
2 12 6	-	-	-	-	262	42	-	-	304	-
2 12 16	-	-	-	-	-	468	-	-	468	-
2 16 6	-	-	-	-	514	9	-	18	541	-
3 15 6	179	2,135	1,452	1,118	-	-	-	-	4,884	1
5 10 5	-	-	-	-	-	1,489	-	-	1,489	-
5 10 13	-	-	-	37	14	1,324	-	-	1,375	-
6 12 6	328	-	20	31	-	-	-	-	379	-
9 9 7	3	-	839	40	10	-	-	-	892	-
Others	-	-	21	278	232	379	-	116	1,026	35
Total	510	2,135	2,332	1,504	1,032	3,711	-	134	11,358	39

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

TABLE 9. Sales of Mixed Fertilizers (excluding Tobacco Fertilizers) containing Magnesium Oxide during the year ended June 30, 1951

Formula			Newfoundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba Saskatchewan and Alberta	British Columbia	Canada	Exported
(short tons)												
N	P ₂ O ₅	K ₂ O										
5	7	10..	-	-	-	-	-	-	-	-	-	870
5	10	10..	23	2,457	1,670	12,109	20	-	-	-	16,279	1,305
5	10	13..	2	6,253	474	4,546	93	-	-	-	11,368	-
6	9	9..	-	-	-	-	-	-	-	-	-	909
6	9	12..	-	-	26	1,523	-	-	-	-	1,549	6,078
8	12	16..	-	-	-	-	-	-	-	-	-	674
8	16	16..	-	-	-	-	-	-	-	-	-	258
Others			-	-	-	55	10	21	-	76	162	487
Total			25	8,710	2,170	18,233	123	21	-	76	29,358	10,581

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, 1951

County	Materials	Mixed Fertilizers	Total
(short tons)			
King's	379	6,359	6,738
Queen's	944	12,924	13,868
Prince	297	14,354	14,651
Total	1,620	33,637	35,257

TABLE 11. County Distribution of Fertilizer Materials and Mixed Fertilizers sold in Nova Scotia during the year ended June 30, 1951

County	Materials	Mixed Fertilizers	Total
(short tons)			
Annapolis	131	2,019	2,150
Antigonish	147	1,298	1,445
Cape Breton	71	986	1,057
Colchester	92	2,816	2,908
Cumberland	150	2,864	3,014
Digby	38	1,032	1,070
Qysborough	1	120	121
Halifax	299	1,135	1,434
Hants	165	2,778	2,943
Inverness	133	1,023	1,156
Kings	1,285	8,278	9,563
Lunenburg	71	1,881	1,952
Pictou	204	2,178	2,382
Queens	39	232	271
Richmond	1	239	240
Shelburne	1	167	168
Victoria	8	216	224
Yarmouth	40	699	739
Total	2,876	29,961	32,837

TABLE 12. County Distribution of Fertilizer Materials and Mixed Fertilizers sold in New Brunswick during the year ended June 30, 1951

County	Materials	Mixed Fertilizers	Total
		(short tons)	
Albert	27	386	413
Carleton.....	646	18,056	18,702
Charlotte.....	60	919	979
Gloucester.....	283	1,876	2,159
Kent.....	164	1,711	1,875
Kings.....	133	2,289	2,422
Madawaska.....	215	2,463	2,678
Northumberland.....	144	1,358	1,502
Queens.....	143	974	1,117
Restigouche.....	71	2,121	2,192
Saint John.....	74	989	1,063
Sunbury.....	5	388	393
Victoria.....	139	13,142	13,281
Westmorland.....	286	5,761	6,047
York.....	86	4,919	5,005
Total.....	2,476	57,352	59,828

TABLE 13. County Distribution of Fertilizer Materials and Mixed Fertilizers sold in Quebec during the year ended June 30, 1951

County	Materials	Mixed Fertilizers	Total
		(short tons)	
Abitibi.....	73	418	491
Argenteuil.....	230	430	660
Arthabaska.....	440	6,887	7,327
Beauharnois.....	72	767	839
Bagot.....	304	3,133	3,437
Beauce.....	137	4,688	4,825
Bellechasse.....	505	3,060	3,565
Berthier.....	16	1,176	1,192
Bonaventure.....	268	1,885	2,153
Brome.....	61	1,118	1,179
Chambly.....	46	884	930
Champlain.....	99	1,204	1,303
Charlevoix.....	56	777	833
Chateauguay.....	211	1,440	1,651
Chicoutimi.....	156	1,689	1,845
Compton.....	121	2,904	3,025
Dorchester.....	199	4,041	4,240
Drummond.....	193	3,407	3,600
Frontenac.....	28	2,422	2,450
Gaspé.....	95	819	914
Gatineau.....	19	257	276
Hochelaga.....	411	1,633	2,044
Hull.....	4	50	54
Huntingdon.....	109	1,440	1,549
L'Islet.....	240	1,361	1,601
Iberville.....	132	2,089	2,221
Jacques Cartier.....	188	909	1,097
Joliette.....	83	4,209	4,292
Kamouraska.....	288	2,180	2,468
Labelle.....	--	408	408
La Prairie.....	19	2,762	2,781
Lake St. John.....	88	437	525
L'Assomption.....	113	1,662	1,775

TABLE 13. County Distribution of Fertilizer Materials and Mixed Fertilizers sold in Quebec during the year ended June 30, 1951 - Concluded

County	Materials	Mixed Fertilizers	Total
Laval	62	4,787	4,849
Lavolette.....	22	300	322
Lévis.....	207	1,684	1,891
Lotbinière.....	629	4,282	4,911
Maskinongé.....	2	162	164
Matapédia.....	75	1,058	1,133
Matane.....	163	2,071	2,234
Montmorency.....	34	1,193	1,227
Mégantic.....	154	3,883	4,037
Montcalm.....	68	2,998	3,066
Montmagny.....	144	703	847
Missisquoi.....	120	3,111	3,231
Napierville.....	29	5,478	5,507
Nicolet.....	264	3,941	4,205
Papineau.....	25	688	713
Pontiac.....	23	184	207
Portneuf.....	248	2,677	2,925
Québec.....	300	2,397	2,697
Rouville.....	375	4,125	4,500
Richelleu.....	205	1,087	1,292
Richmond.....	110	1,682	1,792
Rimouski.....	447	2,306	2,753
Rivière du Loup.....	237	4,227	4,464
Roberval.....	10	461	471
Saguenay.....	1	126	127
St. Hyacinthe.....	211	3,229	3,440
St. Johns.....	99	1,328	1,427
St. Maurice.....	62	784	846
Shefford.....	103	2,688	2,791
Sherbrooke.....	90	1,735	1,825
Soulanges.....	82	419	501
Stanstead.....	101	2,922	3,023
Témiscamingue.....	2	59	61
Témiscouata.....	41	1,375	1,416
Terrebonne.....	43	1,041	1,084
Two Mountains.....	77	1,166	1,243
Verchères.....	155	1,358	1,513
Vaudreuil.....	31	177	208
Wolfe.....	51	2,231	2,282
Yamaska.....	127	1,475	1,602
Magdalen Islands.....	-	37	37
Total.....	10,233	140,181	150,414

TABLE 14. County Distribution of Fertilizer Materials and Mixed Fertilizers sold in Ontario during the year ended June 30, 1951

County	Materials	Mixed Fertilizers	Total
Algoma.....	56	895	951
Brant.....	447	5,853	6,300
Bruce.....	1,591	12,068	13,659
Carleton.....	540	1,986	2,526
Cochrane.....	113	559	672
Dufferin.....	542	4,471	5,013

TABLE 14. County Distribution of Fertilizer Materials and Mixed Fertilizers sold in Ontario during the Year Ended June 30, 1951 - Concluded

County	Materials	Mixed fertilizers	Total
		(short tons)	
Dundas	275	1,087	1,362
Durham	310	5,430	5,740
Elgin	1,284	20,890	22,174
Essex	2,621	19,300	21,921
Frontenac	137	625	763
Grey	1,239	8,826	10,065
Glengarry	73	740	813
Grenville	189	1,893	2,082
Haldimand	665	4,706	5,371
Haliburton	4	173	177
Halton	514	2,957	3,471
Hastings	128	1,961	2,089
Huron	1,200	17,187	18,387
Kenora	1	9	10
Kent	4,205	36,622	40,827
Lambton	921	10,577	11,498
Lanark	188	1,409	1,597
Leeds	136	792	928
Lennox-Addington	29	663	692
Lincoln	1,616	5,135	6,751
Manitoulin	43	477	520
Middlesex	1,131	20,292	21,423
Muskoka	11	244	255
Nipissing	46	532	578
Norfolk	1,262	38,841	40,103
Northumberland	218	2,214	2,432
Ontario	450	5,421	5,871
Oxford	1,149	21,678	22,827
Parry Sound	11	690	701
Peel	756	4,157	4,933
Perth	302	11,228	11,530
Peterborough	314	1,821	2,135
Prescott	116	1,290	1,406
Prince Edward	82	1,256	1,338
Russell	67	1,285	1,352
Rainy River	9	50	59
Renfrew	213	825	1,038
Stormont	175	1,104	1,279
Simcoe	1,461	12,608	14,069
Sudbury	201	1,664	1,865
Temiskaming	26	372	398
Thunder Bay	207	688	895
Victoria	84	1,924	2,008
Waterloo	487	8,233	8,720
Welland	426	3,434	3,860
Wellington	683	10,834	11,517
Wentworth	750	4,985	5,735
York	1,062	9,189	10,251
No distribution	3,359	-	3,359
Total Ontario	34,135	334,161	368,296

TABLE 15. Nitrogen, Phosphoric Acid and Potash contained in Fertilizer Materials sold during the years ended June 30, 1950 and 1951

Province	1950				1951			
	Total tonnage	Nitrogen	Phosphoric Acid	Potash	Total tonnage	Nitrogen	Phosphoric Acid	Potash
	(short tons)							
Newfoundland	460	94	5	1	394	83	5	2
Prince Edward Island.....	2,280	191	250	197	1,620	204	146	108
Nova Scotia.....	2,940	298	336	36	2,876	277	339	65
New Brunswick.....	2,481	182	302	167	2,476	172	328	108
Quebec.....	11,806	225	1,984	86	10,233	204	1,768	71
Ontario.....	29,534	2,104	4,204	1,019	34,135	3,173	4,311	1,450
Manitoba	21,233	2,427	9,641	-	22,385	2,560	10,159	1
Saskatchewan.....	30,898	3,454	14,502	-	31,362	3,517	14,660	1
Alberta.....	32,750	3,840	14,316	2	35,763	4,313	15,301	-
British Columbia	11,590	1,718	1,611	416	12,689	1,664	1,728	375
Total Canada	145,972	14,533	47,151	1,924	153,933	16,167	48,745	2,181
Exported from Canada	578,997	131,848	33,661	4	639,897	151,875	33,509	98
Grand Total.....	724,969	146,381	80,812	1,928	793,830	168,042	82,254	2,279

TABLE 16. Nitrogen, Phosphoric Acid and Potash contained in Mixed Fertilizers sold during the years ended June 30, 1950 and 1951

Province	1950				1951			
	Total tonnage	Nitrogen	Phosphoric Acid	Potash	Total tonnage	Nitrogen	Phosphoric Acid	Potash
	(short tons)							
Newfoundland	3,754	194	405	329	4,267	221	463	373
Prince Edward Island.....	44,999	2,109	4,853	4,992	33,637	1,530	3,740	3,551
Nova Scotia.....	29,804	1,262	3,745	2,350	29,961	1,251	3,820	2,292
New Brunswick.....	68,978	3,135	6,946	7,066	57,352	2,641	6,420	5,472
Quebec.....	136,230	4,026	14,694	11,157	140,181	4,117	15,538	11,864
Ontario.....	317,034	7,185	37,780	26,430	334,161	7,675	40,969	28,807
Manitoba	327	21	61	25	330	18	34	23
Saskatchewan.....	117	7	13	7	86	4	10	4
Alberta.....	126	8	19	10	94	5	10	5
British Columbia	17,240	873	2,324	1,697	16,505	866	2,138	1,558
Total Canada	618,609	18,820	70,840	54,063	616,574	18,328	73,142	53,949
Exported from Canada	20,053	1,159	1,939	2,320	26,395	1,579	2,634	3,094
Grand Total.....	638,662	19,979	72,779	56,383	642,969	19,907	75,776	57,043

TABLE 17. Fertilizers Sold for Consumption During the Years Ended June 30, 1927 and 1929-1951

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

TABLE 18. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold During the Years Ended June 30, 1936-1951

Year	In Materials			In Mixtures		
	Nitrogen	Phosphoric acid	Potash	Nitrogen	Phosphoric acid	Potash
	(short tons)					
1936	3,972	14,963	4,071	4,378	13,427	10,304
1937	4,544	17,934	4,623	6,714	17,095	14,313
1938	4,509	17,321	4,779	6,247	22,185	17,143
1939	4,422	15,982	4,931	6,531	24,193	18,408
1940	4,284	15,156	4,137	7,180	27,245	21,106
1941	3,488	12,965	3,994	6,939	26,278	19,908
1942	5,042	13,911	2,877	9,311	37,099	27,497
1943	3,459	13,998	3,112	11,282	45,079	32,977
1944	5,422	15,286	2,933	13,638	48,850	28,020
1945	7,633	25,387	3,087	14,327	51,309	39,578
1946	7,834	21,424	2,241	16,519	57,171	43,224
1947	8,923	26,231	2,216	16,821	59,021	44,913
1948	10,693	30,149	2,738	17,153	59,388	47,342
1949	12,001	37,789	2,749	18,340	67,221	52,312
1950	14,533	47,151	1,924	18,820	70,840	54,063
1951	16,167	48,745	2,181	18,328	73,142	53,949

TABLE 19. Lime and Limestone Produced in Canada for Agricultural Purposes

Calendar Year	Lime	Limestone (including Marl)	Calendar Year	Lime	Limestone (including Marl)
	(short tons)			(short tons)	
1935	6,430	81,564	1943	13,299	271,036
1938	6,551	93,071	1944	15,190	316,545
1937	6,697	111,428	1945	14,420	419,579
1938	6,495	128,289	1946	4,294	480,639
1939	8,547	191,833	1947	6,664	450,557
1940	8,904	174,114	1948	12,249	595,421
1941	15,144	216,657	1949	15,274	649,220
1942	9,251	285,924	1950	14,088	568,230

List of Reporting Companies, 1951

Nature of Trade ¹	Name of Company	Address
m.m.f.; i.	Agricultural Chemicals, Ltd.	P.O. Box 250, Port Hope, Ontario
m.m.f.; i.	Agricultural Chemicals, Ltd.	Chambly, Quebec
d.; i.	Atkins & Durbrow (Erie) Ltd.	Box 89, Port Colborne, Ontario
i.	Aldridge-Denson Co. Ltd.	709 Dunsmuir, Vancouver, British Columbia
m.s.a.; e.	Algoma Steel Corporation Ltd.	Sault Ste. Marie, Ontario
d.; i.	Associated Shippers Inc.	Charlottetown, Prince Edward Island
m.m.f.; i.	Buckerfields Limited	Vancouver, British Columbia
m.m.f.; o.; i.	Burns and Co., Limited	Vancouver, British Columbia; Edmonton, Alberta
m.m.f.; i.	Canada Packers Limited	West Toronto, Ontario
m.m.f.; i.	Canada Packers Limited	Welland, Ontario
m.m.f.; i.	Canada Packers Limited	Montreal, Quebec
m.m.f.; i.; e.	Canada Packers Limited	Saint John, New Brunswick
m.m.f.; i.	Canada Packers Limited	Port Williams, Nova Scotia
m.m.f.	Canada Packers Limited	Summerside, Prince Edward Island
m.m.f.; s.p.; i.; e.	Canadian Industries Limited	Montreal, Quebec; plants at Halifax, Nova Scotia; Beloeil, Quebec; Montreal, Quebec; Chatham, Ontario; Hamilton, Ontario
d.; i.; o.; e.	Canadian Organic Developments Ltd.	Toronto, Ontario; Calgary, Alberta
m.m.f.; i.; e.	Colonial Fertilizer Co. Ltd.	Windsor, Nova Scotia
m.s.a.; a.p.; a.n.; e.; i.	Consolidated Mining, Smelting and Refining Company of Canada, Ltd.	Trail, British Columbia
m.m.f.	Davey Tree Expert Co. of Canada, Ltd.	Toronto, Ontario
d.; i.	Dominion Potash	354 St. Catherine St. E., Montreal, Quebec
m.m.f.	Dominion Seed House	Georgetown, Ontario
m.s.a.	Dominion Iron & Steel Corp.	Sydney, Nova Scotia
o.	Gainers Ltd.	South Edmonton, Alberta
m.m.f.; o.; i.	Globe Fertilizer Company Ltd.	Crompton Rd., Vancouver, British Columbia
m.m.f.; m.s.p.; i.; e.	Green Valley Fertilizer & Chemical Co. Ltd.	New Westminster, British Columbia
m.s.a.	Hamilton By-Product Coke Ovens Ltd.	Hamilton, Ontario
d.; o.	Harris, W., and Co.	Toronto, Ontario
m.m.f.; i.; e.	Houde, W. Ltd.	Laprairie, Quebec
m.m.f.; i.; e.	Hy-Trous Company of Canada	125 Pitt St., Cornwall, Ontario
i.	International Agricultural Corp. Ltd.	P.O. Box 21, Station A, Buffalo, New York, U.S.A.
m.m.f.; i.; e.	International Fertilizers, Ltd.	71 St. Peter St., Quebec, Quebec
m.m.f.; i.; e.	International Fertilizers, Ltd.	Saint John, New Brunswick
m.m.f.; i.; e.	Island Fertilizer Co., Ltd.	Charlottetown, Prince Edward Island
m.m.f.	W.A. Jenkins Mfg. Co., The	London, Ontario
d.	King Calcium Products	Campbellville, Ontario
m.m.f.; i.	Manchester Products	Galt, Ontario
d.	Maritime Co-operative Services Ltd.	Moncton, New Brunswick
d.; i.	Milwaukee Sewerage Commission	P.O. Box 2079, Milwaukee, Wisconsin, U.S.A.
i.; d.	Misner's Seeds and Fertilizers	Port Dover, Ontario
m.s.a.	Montreal Coke and Manufacturing Co.	P.O. Box 297, Montreal, Quebec
m.m.f.	Na-churs Plant Food Co. Ltd.	2 Langarth St. W., London, Ontario
m.c.; e.; i.	North American Cyanamid Co.	Niagara Falls, Ontario
m.a.n.; e.	North American Cyanamid Co. (Welland works)	Niagara Falls, Ontario
d.	Nutrex Chemical Co.	London, Ontario
d.; i.	Paysagiste Enrg., Le Service	26 Vimy, Quebec, Quebec
d.; i.	Prince Edward Island Potato Growers' Association	Charlottetown, Prince Edward Island
i.; d.	Pulverized Manure Company	Union Stock Yards, Chicago, Illinois, U.S.A.
m.m.f.; i.	Read Brothers Fertilizers Limited	Elmira, Ontario
o.	Schneider Limited, J.M.	Kitchener, Ontario
m.s.a.	Steel Company of Canada, Ltd.	Hamilton, Ontario
m.m.f.; o.; i.	Stone, William, Sons Ltd.	Ingersoll, Ontario
m.m.f.; i.; e.	Summers Fertilizer Co., Inc.	St. Stephen, New Brunswick
i.	Superbloom Fertilizers, Ltd.	Toronto, Ontario
m.m.f.; i.	Swift Canadian Company, Limited	1960 St. Clair Ave. West, Toronto, Ontario
o.; d.	Swift Canadian Company, Limited	St. Boniface, Manitoba
m.m.f.	Swift Canadian Company, Limited	Moose Jaw, Saskatchewan
m.m.f.; i.	United Co-operative Co. Ltd.	Toronto, Ontario
m.m.f.; o.	Vitalerth Products Ltd.	1741 W. 4th Ave., Vancouver, British Columbia
o.	Whyte Packing Company	Stratford, Ontario
m.m.f.; i.	Witts Fertilizer Works	Norwich, Ontario
o.	Young, Gordon, Ltd.	166 Keating St., Toronto, Ontario

1. m. Manufacturing; m.a.n. Manufacturing ammonium nitrate; m.a.p. Manufacturing ammonium phosphate; m.c. Manufacturing cyanamide; m.m.f. Manufacturing mixed fertilizers; o. Manufacturing organics; m.s.a. Manufacturing sulphate of ammonia; m.s.p. Manufacturing superphosphate; e. Exports; i. Imports; d. Dealer.

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