

46-207  
C.7

GOVERNMENT OF CANADA



THE FERTILIZER TRADE

JULY 1, 1949 - JUNE 30, 1950



40-207

C.2

PROPERTY OF

THE BUREAU OF  
INVESTIGATION

21

THE FERTILIZER TRADE

July 1, 1949 - June 30, 1950

Published by Authority of the Rt. Hon. C. D. Howe  
*Minister of Trade and Commerce*

Prepared in the Mining, Metallurgical and Chemical Section,  
Industry and Merchandising Division,  
Dominion Bureau of Statistics, Ottawa

## 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. 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
- B The Acids, Alkalies and Salts Industry
- C The Fertilizers Industry
- D The Fertilizer Trade in Canada
- E The Medicinal and Pharmaceutical Preparations Industry
- F The Paints, Varnishes and Lacquers Industry
- G The Primary Plastics Industry
- H The Soaps, Washing Compounds and Cleaning Preparations Industry
- I The Toilet Preparations Industry
- J The Vegetable Oil Industry
- K The Inks Industry
- L The Adhesives Industry
- M The Polishes and Dressings Industry
- N The Compressed Gases Industry
- O The Coal Tar Distillation Industry
- P The Miscellaneous Chemical Products Industry

# THE FERTILIZER TRADE

July 1, 1949 - June 30, 1950

Sales of mixed fertilizers and of fertilizer materials for direct application to the soil, including exports, amounted to 1,363,631 tons in the year ended June 30, 1950. Sales to Canadian users totalled 764,581 tons including 145,972 tons of fertilizer materials and 618,609 tons of mixtures, the latter tonnages being up 12.3 per cent and 1.1 per cent respectively from the corresponding amounts sold during the previous twelve months period.

Production of fertilizer materials in the period under review, including such items as ammonium nitrate, ammonium phosphate, ammonium sulphate, superphosphate and cyanamide, amounted to 999,993 tons compared with 1,096,837 tons in the preceding year and the output of mixed fertilizers increased to 699,292 tons from 680,261 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 803,638 tons compared with 777,738 tons during the previous fertilizer year. The more important items which were brought in were: natural phosphate rock, 493,014 tons; superphosphate, 152,429 tons; muriate of potash, 114,253 tons; nitrogen solution, 17,725 tons; and sulphate of potash, 10,180 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 578,997 tons of materials and 20,053 tons of mixtures, representing declines of 7.8 per cent and 46.7 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, 1949 and 1950

Province	Fertilizer Materials			Mixed Fertilizers		
	1949	1950	Percentage Increase + Decrease -	1949	1950	Percentage Increase + Decrease -
	(short tons)					
Newfoundland .....	399	460	+15.3	4,093	3,754	-8.3
Prince Edward Island .....	4,896	2,280	-53.4	46,536	44,999	-3.3
Nova Scotia .....	2,596	2,940	+13.3	33,150	29,804	-10.1
New Brunswick .....	3,322	2,481	-25.3	72,210	68,978	-4.5
Quebec .....	12,017	11,806	-1.7	138,699	136,230	-1.8
Ontario .....	28,913	29,534	+2.2	299,036	317,034	+6.2
Manitoba .....	16,746	21,233	+26.8	291	327	+12.4
Saskatchewan .....	22,762	30,898	+35.7	101	117	+15.8
Alberta .....	27,756	32,750	+17.9	246	126	-48.8
British Columbia .....	10,651	11,590	+8.1	17,396	17,240	-0.9
Canada .....	129,968	145,972	+12.3	611,758	618,609	+1.1
Exported .....	628,249	578,997	-7.8	37,676	20,053	-46.7
<b>Total .....</b>	<b>758,217</b>	<b>724,969</b>	<b>-4.4</b>	<b>649,434</b>	<b>638,662</b>	<b>-1.6</b>



## CHEMICALS AND ALLIED PRODUCTS

TABLE 2. Production and Imports of Fertilizers, as Reported by Manufacturers and Importers During the Years Ended June 30, 1949 and 1950

Item	1949		1950	
	Manufactured	Imported	Manufactured	Imported
	(short tons)			
Mixed fertilizers — solid .....	680,261	510	698,705	—
Mixed fertilizers — liquid .....	—	—	587	—
Nitrogen solution .....	—	3,374	—	17,725
Ammonium sulphate .....	227,308	50	217,638	76
Superphosphate .....	1	133,130	1	152,429
Ammonium nitrate .....	1	—	1	1
Ammonium phosphate .....	1	1	1	—
Cyanamide .....	1	—	1	1
Natural phosphate rock <sup>2</sup> .....	—	501,495	—	493,014
Bone meal or bone flour .....	854	194	382	40
Muriate of potash, 50% .....	—	8,924	—	14,598
Muriate of potash, 60% .....	—	104,265	—	99,655
Sulphate of potash .....	—	6,861	—	6,941
Sulphate of potash, magnesia .....	—	2,830	—	3,239
Potash manure salts .....	—	2,819	—	2,619
Tankage .....	628	694	548	20
Sheep manure .....	60	1,047	105	1,629
Dried blood .....	304	—	70	—
Nitrate of soda .....	—	419	28	317
Other materials .....	193	9,839	29	11,257

1. Not available for application.

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

TABLE 3. Sales of Fertilizers, Except for Manufacturing Purposes, During the Year Ended June 30, 1949

Item	Newfound-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total sold in Canada
	(short tons)										
Nitrate of soda .....	235	—	—	—	15	676	—	—	—	11	937
Sulphate of ammonia .....	2	691	264	357	332	290	32	27	794	1,543	4,332
Calcium cyanamide .....	—	35	150	73	17	1,956	20	—	1	265	2,517
Ammonium nitrate .....	136	635	831	546	653	2,187	8	—	17	1,394	6,407
Ammonium phosphate:											
11-48-0 .....	—	—	1	—	—	1,972	16,256	22,008	22,973	1,282	64,492
16-20-0 .....	—	—	—	—	—	141	350	599	3,222	2,722	7,034
Superphosphate <sup>1</sup> .....	24	2,762	1,131	1,782	6,971	11,172	1	12	26	1,129	25,010
Natural phosphate rock .....	—	—	—	—	218	32	—	—	—	119	369
Basic slag .....	—	—	—	—	2,964	—	—	—	—	—	2,964
Bone meal and flour .....	—	—	30	1	49	326	26	2	157	421	1,012
Muriate of potash, 50% .....	—	295	—	12	30	398	—	—	—	—	735
Muriate of potash, 60% .....	2	454	69	535	97	1,876	1	—	1	689	3,724
Sulphate of potash .....	—	—	2	—	1	138	1	—	4	100	246
Tankage .....	—	—	—	—	—	—	—	—	346	—	619
Sheep manure .....	—	—	44	—	341	889	21	20	—	140	1,455
Dried blood .....	—	—	—	—	—	11	—	3	25	64	103
Fish meal .....	—	—	—	—	—	—	—	—	—	19	19
All other materials .....	—	24	74	16	329	6,849	30	—	190	481	7,993
<b>Total Materials .....</b>	<b>399</b>	<b>4,896</b>	<b>2,596</b>	<b>3,322</b>	<b>12,017</b>	<b>28,913</b>	<b>16,746</b>	<b>22,672</b>	<b>27,736</b>	<b>10,651</b>	<b>129,968</b>
Mixed fertilizers .....	4,093	46,536	33,150	72,210	138,699	299,036	291	101	246	17,396	611,758
<b>Total — 1949 .....</b>	<b>4,492</b>	<b>51,432</b>	<b>35,746</b>	<b>75,532</b>	<b>150,716</b>	<b>327,949</b>	<b>17,037</b>	<b>22,773</b>	<b>28,002</b>	<b>28,047</b>	<b>741,720</b>
<b>Total — 1948 .....</b>	<b>—</b>	<b>61,569</b>	<b>41,258</b>	<b>83,116</b>	<b>130,487</b>	<b>274,506</b>	<b>12,321</b>	<b>18,528</b>	<b>20,162</b>	<b>30,024</b>	<b>672,171</b>

1. Almost all 20% superphosphate.

Note: 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, 1950

Item	Newfound-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	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	1,876	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 <sup>1</sup> .....	27	1,251	1,618	1,506	7,751	14,322	11	—	—	1,319	27,805
Natural phosphate rock	—	—	—	—	239	2	—	—	—	109	340
Basic slag.....	—	—	—	—	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	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
<b>Total Materials.....</b>	<b>460</b>	<b>2,280</b>	<b>2,940</b>	<b>2,481</b>	<b>11,806</b>	<b>29,534</b>	<b>21,233</b>	<b>30,898</b>	<b>32,750</b>	<b>11,590</b>	<b>145,972</b>
Mixed fertilizers.....	3,754	44,999	29,804	68,978	136,230	317,034	327	117	126	17,240	618,609
<b>Total - 1950.....</b>	<b>4,214</b>	<b>47,279</b>	<b>32,744</b>	<b>71,459</b>	<b>148,036</b>	<b>346,568</b>	<b>21,560</b>	<b>31,015</b>	<b>32,876</b>	<b>28,830</b>	<b>764,581</b>
<b>Total - 1949.....</b>	<b>4,492</b>	<b>51,432</b>	<b>35,746</b>	<b>75,532</b>	<b>150,716</b>	<b>327,949</b>	<b>17,037</b>	<b>22,773</b>	<b>28,002</b>	<b>28,047</b>	<b>741,726</b>

1. Almost all 20% superphosphate.

TABLE 5. Mixed Fertilizers Sold During the Year Ended June 30, 1949

Formula	New-foundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba Saskatchewan and Alberta	British Columbia	Total sold in Canada	Exported from Canada
(short tons)										
<b>N P<sub>2</sub>O<sub>5</sub> K<sub>2</sub>O</b>										
0 12 12.....	—	—	—	—	4	5,099	—	—	5,103	—
0 12 20.....	—	—	—	—	—	3,127	—	806	3,933	—
0 14 7.....	—	—	—	—	4,184	18,935	—	—	23,119	2
2 8 16.....	—	—	—	2	884	2,297	—	—	3,183	5
2 10 8.....	—	—	—	—	284	30,705	—	—	30,989	—
2 12 6.....	618	367	6,569	6,369	54,200	106,847	11	—	174,981	44
2 12 10.....	—	—	—	—	11,534	51,076	—	34	62,644	—
2 14 8.....	—	—	—	—	1,612	2,378	—	—	3,990	—
2 16 6.....	—	—	—	—	4,424	7,877	38	1,194	13,533	2
3 10 8.....	—	—	—	—	1	9,677	3	—	9,681	—
3 15 6.....	45	5,402	6,300	2,429	—	—	—	—	14,176	9
3 18 9.....	—	—	—	—	—	5,230	—	—	5,230	—
4 8 10.....	2,411	6,056	7,670	30,825	49,269	37,690	21	—	133,942	100
4 10 10.....	—	—	—	—	—	—	29	7,606	7,635	—
4 12 6.....	675	464	5,290	2,580	1,624	4,944	18	14	15,609	556
4 12 10.....	—	—	—	10	—	4,340	—	5	4,355	—
5 7 10.....	—	—	—	—	—	—	—	—	—	5,695
5 8 7.....	—	—	—	—	3,404	18	—	—	3,422	150
5 10 10.....	201	12,639	2,967	11,806	3,626	85	—	7	31,331	3,790
5 10 13.....	68	21,502	1,467	14,494	40	—	—	—	37,571	—
6 8 6.....	—	—	—	—	—	—	—	2,104	2,104	—
6 9 9.....	—	—	—	—	—	—	—	—	—	5,080
6 9 12.....	19	36	109	3,423	—	—	—	—	3,587	13,748
6 5 7.....	53	2	2,171	184	1,862	573	—	—	4,845	25
Other mixtures.....	3	68	607	88	1,747	8,138	518	5,626	16,795	8,470
<b>Total.....</b>	<b>4,093</b>	<b>46,536</b>	<b>33,150</b>	<b>72,210</b>	<b>138,699</b>	<b>299,036</b>	<b>638</b>	<b>17,396</b>	<b>611,758</b>	<b>37,676</b>

## CHEMICALS AND ALLIED PRODUCTS

TABLE 6. Mixed Fertilizers Sold During the Year Ended June 30, 1950

Formula			Newfound-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba, Saskatchewan and Alberta	British Columbia	Total sold in Canada	Exported from Canada
(short tons)												
N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O										
0	12	12	—	—	—	—	—	8,079	—	—	8,079	—
0	12	20	—	—	—	—	—	4,884	—	674	5,558	—
0	16	8	—	—	—	—	3,429	11,493	—	—	14,922	—
2	10	8	—	—	—	—	37	22,706	—	—	22,743	—
2	12	6	9	—	138	2,567	49,022	116,956	3	12	168,707	43
2	12	10	—	—	—	—	11,699	66,721	—	45	78,465	18
2	14	8	—	—	—	—	1,670	2,583	—	—	4,253	—
2	16	6	—	—	—	—	9,407	9,988	9	672	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	34,236	41	8	95,816	57
4	10	10	—	—	—	—	—	—	15	6,455	6,470	—
4	12	6	3	—	85	74	1,449	3,272	9	—	4,892	42
4	12	10	—	—	—	—	—	7,413	10	2	7,425	—
5	10	10	2,411	11,967	8,529	20,559	4,813	84	—	5	48,368	4,027
5	10	13	95	25,775	2,861	17,250	2,758	348	—	—	49,087	—
6	8	6	—	—	—	—	—	—	5	2,061	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	1,853	—
9	5	7	11	1	1	126	1,612	487	—	—	2,238	3
9	9	7	7	—	988	93	—	—	—	—	1,088	3
10	20	10	—	—	—	—	—	—	4	1,350	1,354	—
Other mixtures.....			3	3	49	71	4,954	13,539 <sup>1</sup>	470	4,107	23,196	6,816
<b>Total.....</b>			<b>3,754</b>	<b>44,999</b>	<b>29,804</b>	<b>68,978</b>	<b>136,230</b>	<b>317,034</b>	<b>570</b>	<b>17,240</b>	<b>618,609</b>	<b>20,053</b>

1. Includes 252 tons of liquid fertilizers.

Note: The figures in this table include tobacco fertilizers, and those mixtures containing boron and magnesium oxide, which are shown separately in Tables 7, 8 and 9.

TABLE 7. Tobacco Specials Sold During the Year Ended June 30, 1950

Formula			Quebec	Ontario	British Columbia	Total
(short tons)						
N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O				
2	10	8	37	21,786	—	21,823
2	12	10	2,638	23,983	45	26,666
2	12	12	—	20	—	20
3	10	8	—	6,494	—	6,494
3	15	12	—	98	—	98
4	8	10	—	1,769	—	1,769
5	8	7	8	—	—	8
5	8	10	2,188	5	—	2,193
5	10	13	—	3	—	3
<b>Total.....</b>			<b>4,871</b>	<b>54,158</b>	<b>45</b>	<b>59,074</b>

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, 1950

Formula			Newfound-land	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba, Saskatchewan and Alberta	British Columbia	Canada	Exported
(short tons)												
N	P <sub>2</sub> O <sub>5</sub>	K <sub>2</sub> O										
2	12	6	—	—	—	201	233	10	—	—	444	—
3	15	6	75	2,586	1,430	553	—	—	—	—	4,644	28
4	8	10	—	—	—	8	299	1,254	29	—	1,590	—
4	12	4	—	—	—	—	230	752	108	—	1,090	—
5	10	5	—	—	—	—	133	488	—	667	1,288	—
5	10	13	—	—	—	1,528	19	—	—	—	1,547	—
6	12	6	391	—	45	22	—	—	—	—	458	—
9	9	7	—	—	683	15	—	—	—	—	698	3
Others.....			—	1	10	42	737	669	—	45	1,504	—
<b>Total.....</b>			<b>466</b>	<b>2,587</b>	<b>2,168</b>	<b>2,369</b>	<b>1,651</b>	<b>3,173</b>	<b>137</b>	<b>712</b>	<b>13,263</b>	<b>31</b>

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



TABLE 9. Sales of Mixed Fertilizers (including Tobacco Fertilizers) containing Magnesium Oxide during the year ended June 30, 1950

Formula	New-foundland	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba, Saskatchewan and Alberta	British Columbia	Canada	Exported
	(short tons)									
<b>N P<sub>2</sub>O<sub>5</sub> K<sub>2</sub>O</b>										
2 10 8.....	-	-	-	-	-	14,653	-	-	14,653	-
2 12 10.....	-	-	-	-	-	15,497	-	-	15,497	-
3 10 8.....	-	-	-	-	-	2,647	-	-	2,647	-
4 8 10.....	-	22	3	5,547	5	658	29	-	6,264	-
5 10 10.....	31	5,809	1,210	14,568	12	-	-	-	21,630	2,912
5 10 13.....	23	14,450	304	8,880	91	3	-	-	23,751	-
6 9 12.....	-	134	20	3,615	-	-	-	-	3,769	8,733
Others.....	-	-	42	49	-	166	108	10	375	4,996
<b>Total.....</b>	<b>54</b>	<b>20,415</b>	<b>1,579</b>	<b>32,659</b>	<b>108</b>	<b>33,624</b>	<b>137</b>	<b>10</b>	<b>88,586</b>	<b>16,641</b>

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

TABLE 10. County Distribution of Fertilizer Materials and Mixed Fertilizers sold in Prince Edward Island during the year ended June 30, 1950

County	Materials	Mixed Fertilizers	Total
	(short tons)		
King's.....	723	8,249	8,972
Queen's.....	1,286	16,279	17,565
Prince.....	271	20,471	20,742
<b>Total.....</b>	<b>2,280</b>	<b>44,999</b>	<b>47,279</b>

TABLE 11. County Distribution of Fertilizer Materials and Mixed Fertilizers sold in Nova Scotia during the year ended June 30, 1950

County	Materials	Mixed Fertilizers	Total
	(short tons)		
Annapolis.....	123	2,001	2,124
Antigonish.....	103	904	1,007
Cape Breton.....	87	1,594	1,681
Colchester.....	291	2,808	3,099
Cumberland.....	84	2,632	2,716
Digby.....	33	1,008	1,041
Guysborough.....	1	193	194
Halifax.....	237	1,092	1,329
Hants.....	144	2,756	2,900
Inverness.....	95	850	945
Kings.....	1,367	8,621	9,988
Lunenburg.....	60	1,870	1,930
Pictou.....	227	2,151	2,378
Richmond.....	3	263	266
Queens.....	52	72	124
Shelburne.....	-	188	188
Victoria.....	9	297	306
Yarmouth.....	24	504	528
<b>Total.....</b>	<b>2,940</b>	<b>29,804</b>	<b>32,744</b>

**TABLE 12. County Distribution of Fertilizer Materials and Mixed Fertilizers sold in New Brunswick during the year ended June 30, 1950**

County	Materials	Mixed Fertilizers	Total
Albert.....	25	455	480
Carleton.....	669	23,538	24,207
Charlotte.....	61	1,016	1,077
Gloucester.....	246	1,306	1,552
Kent.....	185	970	1,155
Kings.....	130	2,037	2,167
Madawaska.....	283	4,378	4,661
Northumberland.....	81	1,065	1,146
Queens.....	97	914	1,011
Restigouche.....	65	1,647	1,712
Saint John.....	81	1,003	1,084
Sunbury.....	15	376	391
Victoria.....	120	20,359	20,479
Westmorland.....	261	4,405	4,666
York.....	162	5,509	5,671
<b>Total.....</b>	<b>2,481</b>	<b>68,978</b>	<b>71,459</b>

**TABLE 13. County Distribution of Fertilizer Materials and Mixed Fertilizers sold in Quebec during the year ended June 30, 1950**

County	Materials	Mixed Fertilizers	Total
Abitibi.....	101	587	688
Argenteuil.....	259	356	615
Arthabaska.....	531	6,604	7,135
Beauharnois.....	55	665	720
Bagot.....	237	3,051	3,288
Beauce.....	203	4,575	4,778
Bellechasse.....	786	2,690	3,476
Berthier.....	14	958	972
Bonaventure.....	206	1,579	1,785
Brome.....	30	1,013	1,043
Chambly.....	59	619	678
Champlain.....	131	1,177	1,308
Charlevoix.....	88	884	972
Chateauguay.....	182	1,340	1,522
Chicoutimi.....	234	1,796	2,030
Compton.....	166	2,841	3,007
Dorchester.....	732	3,796	4,528
Drummond.....	113	3,448	3,561
Frontenac.....	31	2,454	2,485
Gaspé.....	110	660	770
Gatineau.....	23	274	297
Hochelaga.....	387	2,379	2,766
Hull.....	9	20	29
Huntingdon.....	56	1,241	1,297
L'Islet.....	307	1,314	1,621
Iberville.....	107	1,908	2,015
Jacques Cartier.....	279	647	926
Joliette.....	96	4,242	4,338
Kamouraska.....	477	2,066	2,543
Labelle.....	25	468	493
La Prairie.....	28	2,379	2,407
Lake St. John.....	36	352	388
L'Assomption.....	114	1,700	1,814

TABLE 13. County Distribution of Fertilizer Materials and Mixed Fertilizers sold in Quebec during the year ended June 30, 1950 - Concluded

County	Materials	Mixed Fertilizers	Total
		(short tons)	
Lava] .....	96	4,347	4,443
Laviolette .....	22	317	339
Lévis .....	341	1,392	1,733
Lotbinière .....	737	4,277	5,014
Maskinonge.....	6	172	178
Matapédia.....	80	862	942
Matane.....	169	1,730	1,899
Montmorency .....	86	1,059	1,145
Megantic.....	45	4,335	4,380
Montcalm.....	99	2,787	2,886
Montmagny.....	249	810	1,059
Missisquoi.....	162	3,033	3,195
Napierville .....	31	5,969	6,000
Nicolet .....	417	4,402	4,819
Papineau.....	10	989	999
Pontiac.....	45	174	219
Portneuf.....	257	2,658	2,915
Quebec .....	319	1,867	2,186
Rouville.....	309	3,785	4,094
Richelieu.....	170	1,034	1,204
Richmond .....	158	2,039	2,197
Rimouski.....	350	1,948	2,298
Rivière du Loup.....	277	4,189	4,466
Roberval .....	10	165	175
Saguenay.....	1	141	142
St. Hyacinthe .....	228	3,444	3,670
St. John .....	52	1,108	1,160
St. Maurice .....	31	739	770
Shefford .....	139	3,044	3,183
Sherbrooke.....	59	1,874	1,933
Soulanges.....	49	280	329
Stanstead .....	95	2,711	2,806
Temiscamingue.....	1	15	16
Temiscouata.....	30	1,201	1,231
Three Rivers .....	-	-	-
Terrebonne .....	22	1,159	1,181
Two Mountains .....	88	1,164	1,252
Véchéres .....	171	1,160	1,331
Vaudreuil.....	47	159	206
Wolfe.....	70	2,199	2,269
Yamaska .....	67	1,363	1,430
Magdalen Islands .....	1	46	47
<b>Total.....</b>	<b>11,806</b>	<b>136,230</b>	<b>148,036</b>

TABLE 14. County Distribution of Fertilizer Materials and Mixed Fertilizers sold in Ontario during the year ended June 30, 1950

County	Materials	Mixed Fertilizers	Total
		(short tons)	
Algoma .....	73	981	1,054
Brant.....	207	5,520	5,727
Bruce.....	1,358	11,562	12,920
Carleton.....	647	1,665	2,312
Cochrane .....	94	1,049	1,143
Dufferin.....	97	5,165	5,262



## CHEMICALS AND ALLIED PRODUCTS

TABLE 14. County Distribution of Fertilizer Materials and Mixed Fertilizers sold in Ontario during the Year Ended June 30, 1950 - Concluded

County	Materials	Mixed fertilizers	Total
Dundas.....	171	615	786
Durham.....	363	4,534	4,897
Elgin.....	714	19,256	19,970
Essex.....	2,376	21,383	23,759
Frontenac.....	124	702	826
Grey.....	1,311	8,067	9,378
Glengarry.....	148	729	877
Grenville.....	180	1,531	1,711
Haldimand.....	655	4,048	4,703
Haliburton.....	39	125	164
Halton.....	457	3,237	3,694
Hastings.....	135	1,503	1,638
Huron.....	904	16,542	17,446
Kenora.....	4	9	13
Kent.....	3,764	34,087	37,851
Lambton.....	493	9,880	10,373
Lanark.....	154	792	946
Leeds.....	127	762	889
Lennox-Addington.....	48	642	690
Lincoln.....	1,132	4,201	5,333
Manitoulin.....	8	430	438
Middlesex.....	1,054	18,378	19,432
Muskoka.....	28	385	413
Nipissing.....	24	707	731
Norfolk.....	1,137	32,324	33,461
Northumberland.....	149	1,708	1,857
Ontario.....	317	5,884	6,201
Oxford.....	717	19,385	20,102
Parry Sound.....	35	864	899
Peel.....	541	4,922	5,463
Perth.....	309	11,276	11,585
Peterborough.....	364	1,527	1,891
Prescott.....	74	1,143	1,217
Prince Edward.....	68	802	870
Russell.....	110	775	885
Rainy River.....	12	62	74
Renfrew.....	341	578	919
Stormont.....	149	483	632
Simcoe.....	731	13,127	13,858
Sudbury.....	88	1,835	1,923
Temiskaming.....	62	317	379
Thunder Bay.....	295	723	1,018
Victoria.....	96	1,809	1,905
Waterloo.....	353	8,433	8,786
Welland.....	279	3,206	3,485
Wellington.....	523	10,119	10,642
Wentworth.....	700	5,868	6,568
York.....	1,873	11,377	13,250
No distribution.....	3,322	—	3,322
<b>Total Ontario.....</b>	<b>29,534</b>	<b>317,034</b>	<b>346,568</b>



TABLE 15. Nitrogen, Phosphoric Acid and Potash contained in Fertilizer Materials sold during the years ended June 30, 1949 and 1950

Province	1949				1950			
	Total tonnage	Nitrogen	Phosphoric Acid	Potash	Total tonnage	Nitrogen	Phosphoric Acid	Potash
	(short tons)							
Newfoundland.....	399	83	5	1	460	94	5	1
Prince Edward Island.....	4,896	355	552	420	2,280	191	250	197
Nova Scotia.....	2,596	360	234	43	2,940	298	336	36
New Brunswick.....	3,322	267	357	327	2,481	182	302	167
Quebec.....	12,017	296	1,483	80	11,806	225	1,984	86
Ontario.....	28,913	1,567	3,304	1,409	29,534	2,104	4,204	1,019
Manitoba.....	16,746	1,858	7,879	2	21,233	2,427	9,641	—
Saskatchewan.....	22,672	2,523	10,687	—	30,898	3,454	14,502	—
Alberta.....	27,756	3,243	11,741	3	32,750	3,840	14,316	2
British Columbia.....	10,651	1,449	1,547	464	11,590	1,718	1,611	416
<b>Total Canada.....</b>	<b>129,968</b>	<b>12,001</b>	<b>37,789</b>	<b>2,749</b>	<b>145,972</b>	<b>14,533</b>	<b>47,151</b>	<b>1,924</b>
Exported from Canada.....	628,249	143,845	36,326	329	578,997	131,848	33,661	4
<b>Grand Total.....</b>	<b>758,217</b>	<b>155,846</b>	<b>74,115</b>	<b>3,078</b>	<b>724,969</b>	<b>146,381</b>	<b>80,812</b>	<b>1,928</b>

TABLE 16. Nitrogen, Phosphoric Acid and Potash contained in Mixed Fertilizers sold during the years ended June 30, 1949 and 1950

Province	1949				1950			
	Total tonnage	Nitrogen	Phosphoric Acid	Potash	Total tonnage	Nitrogen	Phosphoric Acid	Potash
	(short tons)							
Newfoundland.....	4,093	157	386	357	3,754	194	405	329
Prince Edward Island.....	46,536	2,142	4,824	5,044	44,999	2,109	4,853	4,992
Nova Scotia.....	33,150	1,280	3,619	2,579	29,804	1,262	3,745	2,350
New Brunswick.....	72,210	3,078	6,862	7,262	68,978	3,135	6,946	7,066
Quebec.....	138,699	4,073	11,628	11,094	136,230	4,026	14,694	11,157
Ontario.....	299,036	6,700	34,603	24,261	317,034	7,185	37,780	26,430
Manitoba.....	291	16	49	20	327	21	61	25
Saskatchewan.....	101	6	11	5	117	7	13	7
Alberta.....	246	16	34	17	126	8	19	10
British Columbia.....	17,396	872	2,203	1,674	17,240	873	2,324	1,697
<b>Total Canada.....</b>	<b>611,758</b>	<b>18,340</b>	<b>67,220</b>	<b>52,313</b>	<b>618,609</b>	<b>18,820</b>	<b>70,840</b>	<b>54,063</b>
Exported from Canada.....	37,676	2,364	3,434	4,158	20,053	1,159	1,939	2,320
<b>Grand Total.....</b>	<b>649,434</b>	<b>20,704</b>	<b>70,654</b>	<b>56,471</b>	<b>638,662</b>	<b>19,979</b>	<b>72,779</b>	<b>56,383</b>

## CHEMICALS AND ALLIED PRODUCTS

TABLE 17. Fertilizers Sold for Consumption During the Years Ended June 30, 1927 and 1929-1950

Year	Materials		Mixtures		Total
	Quantity	Percentage of total	Quantity	Percentage of total	
	tons		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	489,861
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

TABLE 18. Nitrogen, Phosphoric Acid and Potash Contained in Fertilizers Sold During the Years Ended June 30, 1936-1950

Year	In Materials			In Mixtures		
	Nitrogen	Phosphoric acid	Potash	Nitrogen	Phosphoric acid	Potash
	(short tons)					
1936.....	3,972	14,963	4,071	4,276	13,427	10,303
1937.....	4,544	17,934	4,623	5,714	19,095	14,819
1938.....	4,509	17,321	4,779	6,247	22,185	17,142
1939.....	4,422	15,982	4,931	6,531	24,193	18,408
1940.....	4,284	15,156	4,137	7,180	27,345	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	39,579
1946.....	7,834	21,424	2,241	16,519	57,171	43,374
1947.....	8,923	26,231	2,216	16,821	59,021	44,919
1948.....	10,693	30,149	2,738	17,153	59,388	47,342
1949.....	12,001	37,789	2,749	18,340	67,221	52,319
1950.....	14,533	47,151	1,924	18,820	70,840	54,063

List of Reporting Companies, 1950

Nature of Trade <sup>1</sup>	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
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, P., and Co., Limited	Vancouver, British Columbia
m.m.f.; o.; 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.	Canada Packers Limited.	Port Williams, Nova Scotia
m.m.f.; i.; e	Canada Packers Limited.	Charlottetown, 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, New Westminster, B.C.
o.	Canadian Organic Development Ltd.	Toronto, Ontario
m.m.f.; i.; e	Colonial Fertilizer Co. Ltd.	Windsor, Nova Scotia
m.m.f.; a.p.; s.p.; a.n.; e.; i	Consolidated Mining, Smelting and Refining Company of Canada, Ltd.	Trail, British Columbia
i	Dominion Potash.	354 St. Catherine St. E., Montreal, Quebec
m.s.a.	Dominion Steel and Coal Corp.	Sydney, Nova Scotia
o.	Gainers Limited	South Edmonton, Alberta
m.m.f.; o.; i	Globe Fertilizer, Ltd., The	Vancouver, British Columbia
m.s.a.	Hamilton By-Product Coke Ovens, Ltd.	Hamilton, Ontario
m.m.f.	Hy-Trous Company of Canada	125 Pitt St., Cornwall, Ontario
d.; i	International Agricultural Corp. Ltd.	P.O. Box 21, Station A, Buffalo, New York, U.S.A.
m.m.f.; i	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.; 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.
m.m.f.	Misner, J.H., 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.; i	Prince Edward Island Potato Growers' Association	Charlottetown, Prince Edward Island
i	Pulverized Manure Company	Union Stock Yards, Chicago, Illinois, U.S.A.
m.m.f.; i	Read Brothers Fertilizers Limited	Elmira, Ontario
o.	Schneiders Limited, J.M.	Kitchener, Ontario
m.s.a.	Steel Company of Canada, Ltd.	Hamilton, Ontario
m.m.f.; o.; i	Stone, William, and Sons Ltd.	Ingersoll, Ontario
m.m.f.; i.; e	Summers Fertilizer Co., Inc.	St. Stephen, New Brunswick
m.m.f.; i	Summerside Fertilizer Co. (now Canada Packers).	Summerside, Prince Edward Island
m.m.f.	Swift Canadian Company, Limited	1960 St. Clair Ave. West, Toronto, Ontario
d.	W. Harris and Co.	Toronto, Ontario
m.m.f.	W. Houde Ltd.	Laprairie, Quebec
m.m.f.	W.A. Jenkins Mfs. Co.	London, Ontario
d.	King Calcium Products.	Campbellville, Ontario
d.	Nutrex Chemical Co.	London, Ontario
m.m.f.	Swift Canadian Company, Limited.	St. Boniface, Manitoba
m.m.f.	Swift Canadian Company, Limited.	Moose Jaw, Saskatchewan
m.m.f.; i	United Co-operatives of Ontario	Toronto, Ontario
d.	Vitalerth Products Ltd.	1741 W. 4th Ave., Vancouver, British Columbia
d.	Western Bone Processors Ltd.	237- 8th Ave. E., Calgary, Alberta
m.m.f.; i	Witts Fertilizer Works	Norwich, Ontario
m.m.f.; i	Young, Gordon	166 Keating St., Toronto, Ontario

<sup>1</sup> 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.



STATISTICS CANADA LIBRARY  
BIBLIOTHEQUE STATISTIQUE CANADA



1010650526