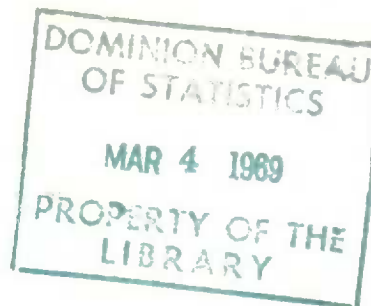


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ANNUAL



# MANUFACTURERS OF MIXED FERTILIZERS 1966

ANNUAL CENSUS  
OF MANUFACTURES

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MANUFACTURERS OF MIXED FERTILIZERS  
(S.I.C. 372)

1966

For statistical purposes the industry titled Manufacturers of Mixed Fertilizers in the revised Standard Industrial Classification covers the operations of establishments primarily engaged in manufacturing superphosphates and mixed fertilizers. Establishments primarily engaged in manufacturing chemicals which, in addition to their use as fertilizer materials, also have important industrial uses, e.g., ammonium nitrate, are classified in the Manufacturers of Industrial Chemicals industry (S.I.C. 378).

Value of shipments and other revenue (manufacturing and non-manufacturing) of the Manufacturers of Mixed Fertilizers industry totalled \$112.4 millions in 1966, an increase of \$9 millions over 1965. This amount included shipments of mixed fertilizers valued at \$73.2 millions, shipments of other products of own manufacture (secondary products) valued at \$26.5 millions, and other (non-manufacturing revenue) of \$12.7 millions.

This industry's shipments of mixed fertilizers and superphosphates accounted for the major portion (84 per cent) of its manufacturing revenue. Secondary products shipped included miscellaneous fertilizer materials, insecticides, etc.

The total cost of materials and supplies, fuel, electricity, etc. used in the production of goods of own manufacture (total inputs) increased by about \$7 millions in 1966 from 1965. Cost of materials and supplies, etc. (total inputs) in 1966 represented 73.6 per cent of the value of shipments of own manufacture (total outputs), compared to 76.3 per cent in 1965.

NOTE

The detailed "Concepts and Definitions" notes, usually carried each year, have been omitted from this 1966 report for reasons of economy. Reference to these notes may be had by consulting any 1965 report in this series. Failing this, a copy may be obtained free of charge upon application to the Manufacturing and Primary Industries Division of the Bureau.

SYMBOLS

The following standard symbols are used in Dominion Bureau of Statistics publications:

- .. figures not available.
- ... figures not appropriate or not applicable.
- nil or zero.
- amount too small to be expressed.
- P preliminary figures.
- † revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

TABLE 1. FISCAL STATISTICS, 1961-66

Year and province	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
No.		'000			\$'000				\$'000			\$'000	
<u>1961</u>													
Totals .....	43	884	1,975	3,627	719	39,648	54,261	14,426	-	-	1,460	6,691	15,449
<u>1962</u>													
Totals .....	45	950	2,076	3,907	1,036	44,224	59,618	16,142	-	-	1,562	7,287	17,025
<u>1963</u>													
Totals .....	46	953	2,064	4,160	1,063	48,065	67,981	18,413	x	x	1,583	7,630	19,919
<u>1964</u>													
Totals .....	61	1,086	2,382	4,809	1,270	59,948	80,026	19,442	x	x	1,752	8,701	21,941
<u>1965</u>													
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	3	34	88	135	15	2,190	2,874	616	-	-	45	190	627
Nova Scotia .....	3	120	269	499	71	5,452	8,262	2,061	-	-	161	753	2,069
New Brunswick .....	4												
Quebec .....	11	272	581	1,378	188	12,778	17,775	4,854	-	-	424	2,318	5,080
Ontario .....	39	723	1,602	3,353	1,153	43,847	57,303	13,052	-	-	1,240	6,361	15,156
Manitoba .....	2	68	129	295	63	2,048	2,501	688	x	x	98	417	751
Saskatchewan .....	-												
Alberta .....	-												
British Columbia .....	6												
Yukon and Northwest Territories ...	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals .....	68	1,217	2,669	5,659	1,491	66,315	88,714	21,271	x	x	1,968	10,038	23,682
<u>1966</u>													
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Prince Edward Island .....	3	39	86	135	15	3,056	3,963	854	-	-	50	202	855
Nova Scotia .....	3	x	x	x	x	x	x	x	-	-	x	x	x
New Brunswick .....	6	109	221	406	67	4,676	6,439	1,623	-	-	159	655	1,664
Quebec .....	10	259	560	1,304	195	14,615	21,396	7,146	-	-	417	2,237	7,352
Ontario .....	39	713	1,601	3,679	1,178	45,662	61,110	15,302	-	-	1,297	7,168	16,486
Manitoba .....	2	x	x	x	x	x	x	x	-	-	x	x	x
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-	-	-	-	-	-	-	-
British Columbia .....	5	x	x	x	x	x	x	x	x	x	x	x	x
Yukon and Northwest Territories ...	-	-	-	-	-	-	-	-	-	-	-	-	-
Totals .....	68	1,215	2,692	5,901	1,550	73,068	99,766	26,667	x	x	2,053	10,858	28,182

TABLE 2. PRINCIPAL STATISTICS CLASSIFIED BY SIZE GROUP BASED ON VALUE OF BENEFITS OF GOODS OF OWN MANUFACTURE, 1965 AND 1966

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			'000				'000		'000		
<b>1965</b>													
Under \$10,000													
\$ 10,000 to \$ 24,999	6	5	10	14	3	184	200	11	x	x	11	34	32
25,000 "													
50,000 "													
100,000 "	7	45	94	163	17	775	1,081	308	-	-	61	244	403
200,000 "	17	68	164	264	43	4,259	5,388	1,175	-	-	126	564	1,533
500,000 "	12	129	258	467	101	6,886	9,347	2,747	-	-	197	831	3,055
1,000,000 "	23	638	1,405	2,901	559	35,676	47,257	10,941	-	-	1,103	5,537	12,284
5,000,000 and over	3	332	739	1,850	767	18,535	25,441	6,089	-	-	444	2,661	6,342
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	26	167	33
Totals	68	1,217	2,669	5,659	1,491	66,315	88,714	21,271	x	x	1,968	10,038	23,682
<b>1966</b>													
Under \$10,000													
\$ 10,000 to \$ 24,999	5	4	8	12	1	19	64	44	x	x	6	16	44
25,000 "													
50,000 "													
100,000 "	4	10	20	35	5	411	549	136	-	-	21	81	166
200,000 "	17	79	169	259	61	4,285	5,935	1,506	-	-	137	578	1,684
500,000 "	10	69	149	260	41	4,064	6,699	2,712	-	-	131	548	2,790
1,000,000 "	28	637	1,407	2,920	586	41,893	56,723	15,030	-	-	1,153	5,945	15,799
5,000,000 and over	4	416	940	2,415	856	22,396	29,795	7,260	-	-	579	3,570	7,713
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	26	119	(15)
Totals	68	1,215	2,692	5,901	1,550	73,068	99,766	26,667	x	x	2,053	10,858	28,182

TABLE 3. PRINCIPAL STATISTICS CLASSIFIED BY SIZE GROUP BASED ON MANUFACTURING VALUE ADDED, 1965 AND 1966

Size group	Estab- lish- ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec- tricity	Cost of materials and supplies	Value of shipments of goods of own manu- facture	Value added	Working owners and partners		Employees		Value added
		Number	Man- hours paid	Wages					Number	With- drawals	Number	Salaries and wages	
No.		'000			'000				'000		'000		
<b>1965</b>													
Under \$10,000													
\$ 10,000 to \$ 24,999	5	3	6	8	2	95	125	27	x	x	7	18	45
25,000 "	9	31	76	116	12	1,862	1,972	135	-	-	55	230	381
50,000 "	5	18	42	62	13	985	1,172	188	-	-	34	133	259
100,000 "	6	27	56	87	21	1,591	2,074	454	-	-	45	182	463
200,000 "	14	160	357	683	132	10,576	12,476	2,050	-	-	272	1,375	2,802
500,000 "	17	321	688	1,385	275	14,390	20,377	5,340	-	-	458	2,135	5,551
1,000,000 "	7	259	566	1,168	219	15,076	19,771	4,787	-	-	442	2,228	5,541
5,000,000 and over	5	398	880	2,150	817	21,740	30,746	8,289	-	-	629	3,622	8,607
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	26	167	33
Totals	68	1,217	2,669	5,659	1,491	66,315	88,714	21,271	x	x	1,968	10,038	23,682
<b>1966</b>													
Under \$10,000													
\$ 10,000 to \$ 24,999	6	8	15	25	3	308	378	66	x	x	11	38	71
25,000 "	7	19	40	70	11	1,251	1,513	248	-	-	37	154	306
50,000 "	8	37	82	123	37	2,040	2,725	589	-	-	62	270	630
100,000 "	8	47	98	178	38	3,297	4,494	1,155	-	-	97	370	1,328
200,000 "	23	332	764	1,429	296	22,558	29,996	6,916	-	-	532	2,626	7,583
500,000 "	9	279	591	1,249	263	14,665	20,775	6,401	-	-	428	2,105	6,471
1,000,000 "	7	488	1,101	2,827	902	28,949	39,884	11,291	-	-	860	5,175	11,897
5,000,000 and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	26	119	(15)
Totals	68	1,215	2,692	5,901	1,550	73,068	99,766	26,667	x	x	2,053	10,858	28,182

TABLE 4. PRINCIPAL STATISTICS CLASSIFIED BY SIZE GROUP BASED ON TOTAL VALUE ADDED, 1965 AND 1966

Size group	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
	No.		'000			\$'000			\$'000		\$'000		
<b>1965</b>													
Under \$10,000	4	2	4	5	--	17	38	19	x	x	3	5	19
\$ 10,000 to \$ 24,999	5	12	28	45	7	908	973	55	-	-	23	92	67
25,000 " 49,999	6	13	29	46	9	1,035	1,212	172	-	-	28	122	229
50,000 " 99,999	8	33	72	110	21	1,775	2,193	439	-	-	56	208	585
100,000 " 199,999	11	105	238	409	65	5,564	6,852	1,299	-	-	156	696	1,533
200,000 " 499,999	22	395	853	1,727	154	20,200	26,928	6,210	-	-	605	2,898	7,067
500,000 " 999,999	6	202	463	1,031	179	12,781	16,888	4,270	-	-	356	1,969	4,502
1,000,000 " 4,999,999	6	455	983	2,288	857	24,035	33,629	8,807	-	-	715	3,881	9,674
5,000,000 and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	26	167	33
<b>Totals</b>	<b>68</b>	<b>1,217</b>	<b>2,669</b>	<b>5,659</b>	<b>1,491</b>	<b>66,315</b>	<b>88,714</b>	<b>21,271</b>	<b>x</b>	<b>x</b>	<b>1,968</b>	<b>10,038</b>	<b>23,682</b>
<b>1966</b>													
Under \$10,000	5	4	8	12	1	19	64	44	x	x	6	16	44
\$ 10,000 to \$ 24,999	6	18	37	68	11	1,222	1,417	187	-	-	33	160	221
25,000 " 49,999	10	42	93	138	39	2,358	3,135	673	-	-	71	307	742
50,000 " 99,999	5	31	64	110	27	2,032	2,723	678	-	-	50	218	710
100,000 " 199,999	26	353	798	1,477	307	23,823	31,768	7,393	-	-	579	2,779	8,182
200,000 " 499,999	9	279	591	1,249	263	14,665	20,775	6,401	-	-	428	2,105	6,471
500,000 " 999,999	7	488	1,101	2,827	902	28,949	39,884	11,291	-	-	860	5,175	11,827
1,000,000 " 4,999,999	-	-	-	-	-	-	-	-	-	-	-	-	-
5,000,000 and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	26	119	(14)
<b>Totals</b>	<b>68</b>	<b>1,215</b>	<b>2,692</b>	<b>5,901</b>	<b>1,550</b>	<b>73,068</b>	<b>99,766</b>	<b>26,667</b>	<b>x</b>	<b>x</b>	<b>2,053</b>	<b>10,286</b>	<b>28,182</b>

TABLE 5. PRINCIPAL STATISTICS CLASSIFIED BY SIZE GROUP BASED ON TOTAL EMPLOYED, 1965 AND 1966

Size group	Estab-lish-ments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and elec-tricity	Cost of materials and supplies	Value of shipments of goods of own manu-facture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	With-drawals	Number	Salaries and wages	
	No.		'000			\$'000			\$'000		\$'000		
<b>1965</b>													
Under 5 employed	9	12	26	41	7	682	741	55	x	x	21	86	108
5-14 "	24	111	240	389	70	7,455	9,577	2,304	-	-	183	738	2,578
15-49 "	22	348	774	1,523	289	19,913	26,704	6,198	-	-	562	2,797	7,100
50-99 "	10	414	891	1,857	357	19,731	26,251	6,624	-	-	732	3,589	7,522
100-199 "	3	332	739	1,850	767	18,535	25,441	6,089	-	-	444	2,661	6,342
200-499 "													
500 employed and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	26	167	33
<b>Totals</b>	<b>68</b>	<b>1,217</b>	<b>2,669</b>	<b>5,659</b>	<b>1,491</b>	<b>66,315</b>	<b>88,714</b>	<b>21,271</b>	<b>x</b>	<b>x</b>	<b>1,968</b>	<b>10,038</b>	<b>23,682</b>
<b>1966</b>													
Under 5 employed	8	11	23	33	8	699	964	267	x	x	17	60	280
5-14 "	27	132	286	496	79	9,864	14,284	4,134	-	-	223	978	4,344
15-49 "	19	288	639	1,212	245	19,576	26,411	6,601	-	-	486	2,380	7,135
50-99 "	9	361	791	1,724	358	19,840	26,326	7,069	-	-	604	3,102	7,386
100-199 "	5	423	953	2,436	859	23,089	31,781	8,597	-	-	697	4,219	9,051
200-499 "													
500 employed and over	-	-	-	-	-	-	-	-	-	-	-	-	-
Head offices, sales offices and auxiliary units	...	...	...	...	...	...	...	...	...	...	26	119	(14)
<b>Totals</b>	<b>68</b>	<b>1,215</b>	<b>2,692</b>	<b>5,901</b>	<b>1,550</b>	<b>73,068</b>	<b>99,766</b>	<b>26,667</b>	<b>x</b>	<b>x</b>	<b>2,053</b>	<b>10,286</b>	<b>28,182</b>

TABLE 6. PRINCIPAL STATISTICS CLASSIFIED BY TYPE OF ORGANIZATION, 1965 AND 1966

Type of organization	Establishments	Manufacturing activity							Total activity				
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of shipments of goods of own manufacture	Value added	Working owners and partners		Employees		Value added
		Number	Man-hours paid	Wages					Number	Withdrawals	Number	Salaries and wages	
No.		'000			'000				'000		'000		
<b>1965</b>													
Individual ownerships .....	63	1,154	2,554	5,443	1,448	62,697	84,068	20,282	x	x	1,866	9,597	22,599
Partnerships .....													
Incorporated companies .....													
Co-operatives .....	5	63	115	217	43	3,619	4,646	989	-	-	76	275	1,051
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	26	167	33
Totals .....	68	1,217	2,669	5,659	1,491	66,315	88,714	21,271	x	x	1,968	10,038	23,682
<b>1966</b>													
Individual ownerships .....	63	1,163	2,584	5,696	1,509	68,444	93,617	25,287	x	x	1,964	10,467	26,645
Partnerships .....													
Incorporated companies .....													
Co-operatives .....	5	52	108	205	42	4,625	6,149	1,380	-	-	63	272	1,551
Head offices, sales offices and auxiliary units .....	...	...	...	...	...	...	...	...	...	...	26	119	(14)
Totals .....	68	1,215	2,692	5,901	1,550	73,068	99,766	26,667	x	x	2,053	10,858	28,182

TABLE 7. CALCULATION OF OUTPUT, INPUT AND VALUE ADDED, 1965 AND 1966

	Manufacturing activity		Non-manufacturing activities		Total activity	
	1965	1966	1965	1966	1965	1966
	\$'000					
<b>Output</b>						
1. Shipments and other revenue .....	88,714	99,766	13,964	12,677	102,678	112,443
Inventories - Goods of own manufacture:						
Add closing - Goods in process .....	6,369	6,702	...	...	6,369	6,702
Finished goods .....	4,308	5,767	...	...	4,308	5,767
Deduct opening - Goods in process .....	6,734	6,660	...	...	6,734	6,660
Finished goods .....	3,579	4,289	...	...	3,579	4,289
2. Net inventory change .....	364	1,520	...	...	364	1,520
3. Gross output (1 + 2) .....	89,078	101,286	13,964	12,677	103,042	113,963
<b>Input</b>						
4. Purchases of goods not of own manufacture .....	...	...	10,994	10,431	10,994	10,431
Inventories - Goods not of own manufacture:						
Add opening .....	...	...	1,037	859	1,037	859
Deduct closing .....	...	...	839	591	839	591
5. Cost of goods sold (not of own manufacture) .....	...	...	11,192	10,699	11,192	10,699
6. Materials, supplies, etc. ....	66,115	73,068	362	463	66,677	73,531
7. Fuel and electricity .....	1,491	1,550	...	...	1,491	1,550
8. Gross input (5 + 6 + 7) .....	67,806	74,618	11,554	11,162	78,360	85,780
Value added (3 - 8) .....	21,271	26,667	2,410	1,515	23,682	28,182

TABLE 8. EMPLOYMENT AND PAYROLL, 1965 AND 1966

Year and province	Employees										Salaries and wages				
	Production and related workers				Adminis- trative and office		Sales and distribution		Total		Production and related workers		Adminis- trative and office	Sales and distri- bution	Total
	Manufacturing		Other		Male	Female	Male	Female	Male	Female	Manufacturing	Other			
	Male	Female	Male	Female											
	number										\$'000				
<u>1965</u>															
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Prince Edward Island .....	34	-	-	-	8	2	1	-	43	2	135	-	52	3	
Nova Scotia .....	120	-	-	-	23	5	13	-	156	5	499	-	164	90	
New Brunswick .....	272	-	1	-	81	23	47	-	401	23	1,378	6	651	283	
Quebec .....	719	4	15	-	236	70	190	6	1,160	80	3,353	52	1,838	1,117	
Ontario .....															
Manitoba .....															
Saskatchewan .....	68	-	-	-	17	5	8	-	93	5	295	-	83	40	
Alberta .....															
British Columbia .....															
Yukon and Northwest Territories ...															
Totals .....	1,213	4	16	-	365	105	259	6	1,853	115	5,659	58	2,788	1,533	
<u>1966</u>															
Newfoundland .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Prince Edward Island .....	37	x	-	-	7	x	1	-	45	x	135	-	60	7	
Nova Scotia .....	x	-	-	-	x	x	x	-	x	x	x	-	x	x	
New Brunswick .....	109	-	16	-	22	6	6	-	153	6	406	36	166	48	
Quebec .....	259	-	1	-	90	20	47	-	397	20	1,304	1	656	276	
Ontario .....	709	4	6	-	254	95	228	1	1,197	100	3,679	29	2,067	1,392	
Manitoba .....	x	-	-	-	x	x	x	-	x	x	x	-	x	x	
Saskatchewan .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Alberta .....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
British Columbia .....	x	x	-	-	x	x	x	-	x	x	x	-	x	x	
Yukon and Northwest Territories ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Totals .....	1,208	7	23	-	393	133	288	1	1,912	141	5,901	67	3,122	1,769	

TABLE 9. EMPLOYEES IN MANUFACTURING OPERATIONS, 1965 AND 1966

Month	1965		1966	
	Male	Female	Male	Female
	number			
Establishments reporting monthly detail (large establishments only):				
January .....	1,168	4	1,185	6
February .....	1,168	4	1,190	6
March .....	1,214	5	1,236	8
April .....	1,616	5	1,725	8
May .....	1,729	5	1,654	8
June .....	1,124	5	1,118	8
July .....	1,053	3	1,045	8
August .....	1,030	2	1,006	6
September .....	1,061	2	1,051	6
October .....	1,031	2	990	6
November .....	1,087	2	1,094	6
December .....	1,198	2	1,180	6
Averages .....	1,213	4	1,208	7
Establishments reporting annual averages (small establishments only) .....	...	...	...	...
Average for all establishments .....	1,213	4	1,208	7

TABLE 10. INVENTORIES, 1966

Province	Manufacturing				Non-manufacturing	Total inventories
	Materials, supplies, etc.	Goods in process	Finished goods of own manufacture	Total	Products or materials purchased for resale	
book value \$'000						
<b>Opening</b>						
Newfoundland .....	-	-	-	-	-	-
Prince Edward Island .....	662	-	69	731	3	734
Nova Scotia .....	x	x	x	x	x	x
New Brunswick .....	519	237	101	857	10	867
Quebec .....	2,298	628	786	3,711	83	3,794
Ontario .....	6,012	5,408	2,777	14,197	644	14,841
Manitoba .....	x	x	x	x	-	x
Saskatchewan .....	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-
British Columbia .....	x	x	x	x	x	x
Yukon and Northwest Territories .....	-	-	-	-	-	-
Totals .....	10,235	6,660	4,289	21,185	859	22,044
<b>Closing</b>						
Newfoundland .....	-	-	-	-	-	-
Prince Edward Island .....	743	-	31	774	2	776
Nova Scotia .....	x	-	x	x	x	x
New Brunswick .....	1,041	148	116	1,305	8	1,313
Quebec .....	1,963	747	1,227	3,937	85	4,022
Ontario .....	5,620	5,649	3,569	14,837	390	15,227
Manitoba .....	x	x	x	x	-	x
Saskatchewan .....	-	-	-	-	-	-
Alberta .....	-	-	-	-	-	-
British Columbia .....	x	x	x	x	x	x
Yukon and Northwest Territories .....	-	-	-	-	-	-
Totals .....	10,044	6,702	5,767	22,513	591	23,104

TABLE 11. PURCHASED FUEL AND ELECTRICITY USED, 1965 AND 1966

Description	1965		1966	
	Quantity	Cost \$'000	Quantity	Cost \$'000
<b>1. Large establishments reporting commodity detail</b>				
Bituminous coal:				
(a) From Canadian mines .....	ton	1,277	125	3
(b) Imported .....	"	286	430	6
Sub-bituminous coal (from Alberta mines only) .....	"	-	-	-
Anthracite coal .....	"	-	-	-
Lignite coal .....	"	-	-	-
Coke .....	"	-	-	-
Gasoline (including gasoline used in cars and trucks) .....	Imp. gal.	479,991	476,863	178
Fuel oil including kerosene or coal oil .....	"	1,867,144	2,219,323	217
Wood .....	cord	-	-	-
Gas:				
(a) Liquefied petroleum gases .....	Imp. gal.	56,159	24,523	7
(b) Other manufactured gas .....	M cu. ft.	-	-	-
(c) Natural gas .....	"	773,016	817,948	507
Other fuel .....	-	-	-	-
Electricity purchased .....	kwh.	51,365,861	57,128,868	533
Steam purchased .....	-	70	-	89
<b>2. Small establishments not reporting commodity detail</b>				
Estimates for fuel and electricity .....	-	-	-	3
<b>3. All establishments</b>				
Total fuel and electricity used .....	-	1,491	-	1,550



TABLE 12. MATERIALS AND SUPPLIES - MANUFACTURING ACTIVITIES, 1965 AND 1966

Description	1965		1966	
	Quantity	Cost	Quantity	Cost
	tons	\$'000	tons	\$'000
<b>1. Materials used:</b>				
Ammonia, anhydrous .....	20,730	1,843	25,441	1,977
Ammonium nitrate .....	13,226	1,025	23,878	1,624
Ammonium phosphate .....	54,078	4,501	66,509	6,029
Ammonium sulphate (sulphate of ammonia) .....	42,744	1,755	45,526	1,906
Borax .....	178	20	106	11
Calcium cyanamide (cyanamid) .....	41	3	29	2
Limestone .....	50,179	295	59,216	370
Lime or land plaster .....	7,280	98	12,467	182
Magnesium oxide (all forms, including brucite, mag 70, etc.) .....	2,966	110	2,196	79
Magnesium sulphate .....	165	9	79	6
Nitrogen solutions .....	69,609	4,468	70,554	4,355
Phosphate rock .....	561,003	8,605	584,881	9,359
Potassium chloride (muriate of potash) .....	205,898	8,471	221,421	8,949
Potassium nitrate (nitrate of potash) .....	75	10	521	65
Potassium sulphate (sulphate of potash) .....	19,774	998	21,177	1,183
Potassium magnesium sulphate (sulphate of potash magnesia) .....	6,245	212	10,074	365
Sand .....	24,083	70	23,313	64
Sodium nitrate (nitrate of soda) .....	30	2	32	3
Sulphuric acid, 100% .....	404,095	5,831	432,057	6,244
Superphosphate:				
22% or less P <sub>2</sub> O <sub>5</sub> .....	363,263	8,231	345,824	8,044
More than 22% P <sub>2</sub> O <sub>5</sub> .....	81,771	4,801	82,233	5,052
Ammoniated .....	38,134	2,098	71,302	3,222
Urea .....	8,138	762	12,074	1,142
All other materials and components used(1) .....	...	6,387	...	6,559
<b>2. Depreciation and other non-depleting materials and supplies used .....</b>	...	3,362	...	3,774
<b>3. Operating, maintenance and repair supplies used (excluding fuel) .....</b>	...	2,317	...	2,471
<b>4. Amount paid out to others for work done on materials owned by establishments .....</b>	...	32	...	31
<b>Totals .....</b>	...	66,315	...	73,068

(1) No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$563,892 in 1965 and \$543,701 in 1966.

TABLE 13. SHIPMENTS OF GOODS OF OWN MANUFACTURE, 1965 AND 1966

Description	1965		1966	
	Quantity	Value	Quantity	Value
	tons	\$'000	tons	\$'000
<b>1. Products:</b>				
Mixed fertilizers .....	1,002,460	64,205	1,109,620	74,534
Superphosphates, milled and screened only .....	30,665	1,352	16,861	790
Ammonium sulphate, milled and screened only .....	841	57	699	47
Muriate of potash, milled and screened only .....	5,606	301	5,763	322
All other products (including superphosphates) .....	...	23,357	...	25,395
<b>2. Amount received in payment for work done on materials and products owned by others .....</b>	...	72	...	4
<b>Less adjustment for value of sales taxes, excise duties and outward transportation charges which could not be deducted from individual commodity items described above .....</b>	...	(631)	...	(1,326)
<b>Total adjusted value of shipments and work done .....</b>	...	88,714	...	99,766

TABLE 14. SHIPMENTS OF SELECTED TYPES OF FERTILIZERS - ALL INDUSTRIES, 1957-66

(Includes shipments from other industries which manufacture, as a secondary activity, the commodities listed)

A. Mixed Fertilizers

Year	Quantity	Value
	'000 tons	\$'000
1957	723	37,026
1958	752	40,001
1959	757	41,498
1960	791	42,739
1961	871	49,344
1962	887	50,117
1963	927	55,855
1964	1,033	62,486
1965	1,043	66,634
1966	1,160	77,844

B. Factory Shipments and Imports of Ammonium Sulphate

Year	Factory shipments	Imports
	tons	
1957	318,634	3,288
1958	300,049	5,892
1959	307,121	5,941
1960	349,677	8,686
1961	278,527	9,940
1962	291,683	14,151
1963	257,581	14,259
1964	286,439	17,628
1965	315,714 <sup>r</sup>	15,471
1966	299,039	17,112

TABLE 15. TOTAL SALES (1) IN CANADA OF FERTILIZER MATERIALS AND MIXED FERTILIZERS, FOR THE YEARS ENDED JUNE 30, 1958-67

Year ended June 30	Fertilizer materials	Mixed fertilizer	Total sold in Canada
	tons (2,000 pounds)		
1958	181,973	688,566	870,539
1959	218,661	689,553	908,214
1960	243,720	691,708	935,428
1961	297,730	779,682	1,077,412
1962	344,800	799,200	1,144,000
1963	448,097	808,744	1,256,841
1964	609,580	844,752	1,454,332
1965	685,388	908,205	1,593,593
1966	910,089	1,007,775	1,917,864
1967	1,122,470	1,060,954	2,183,424

(1) Except for manufacturing purposes.

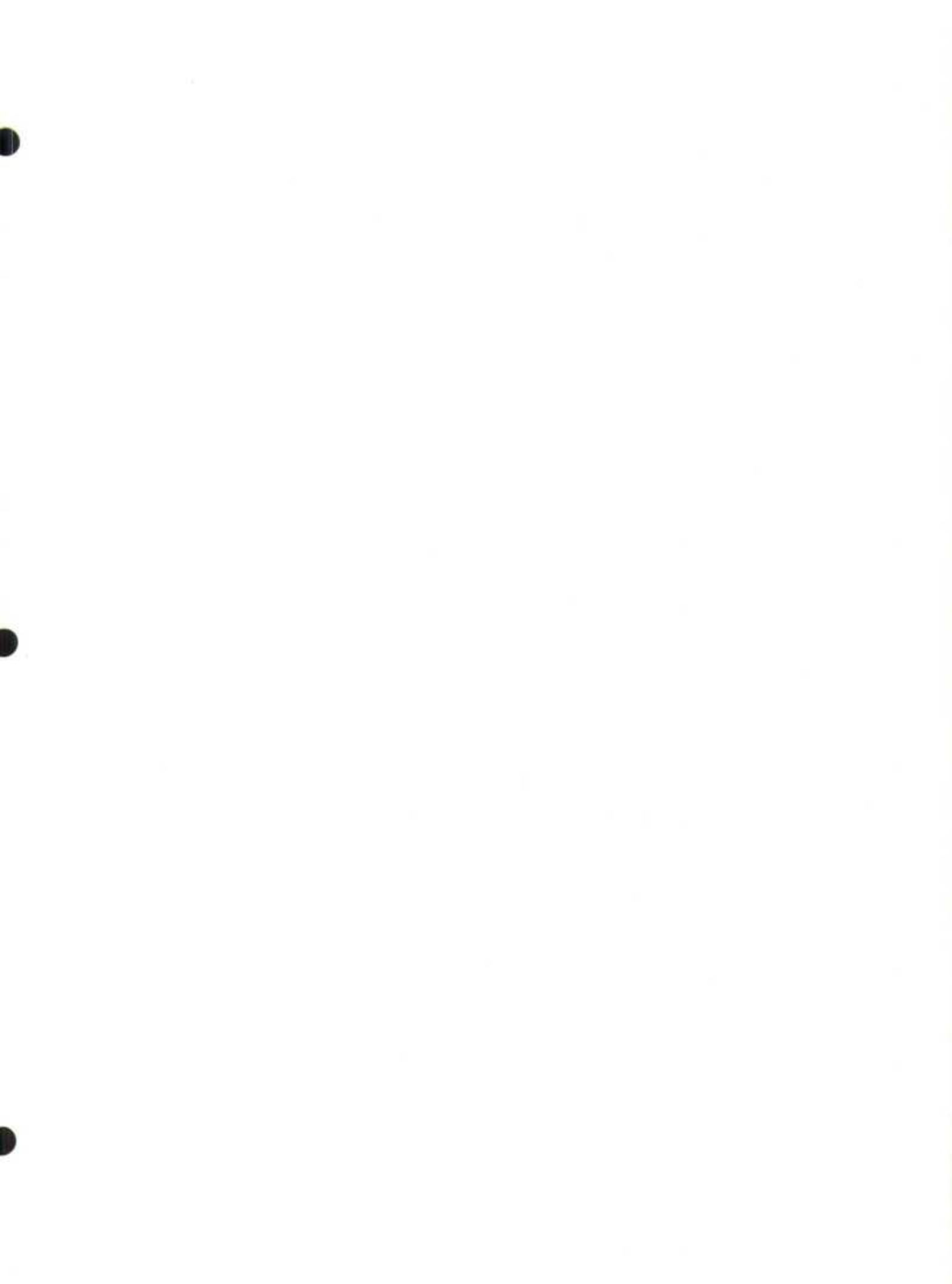
Note: A special survey of the fertilizer trade in Canada during the fertilizer year ended June 30, 1967 has been completed by the Dominion Bureau of Statistics and the results have been published in special report, "Fertilizer Trade", copies of which are available on application to the Information Services Division of the Dominion Bureau of Statistics, (Catalogue No. 46-207).

LIST OF ESTABLISHMENTS CLASSIFIED TO THIS INDUSTRY, 1966

(Does not include establishments classified to other industries, which as a secondary activity, manufacture products typical of this industry)

Name	Location
<b>Prince Edward Island</b>	
Island Fertilizer Ltd. ....	Charlottetown
Canada Packers Limited .....	Summerside
Prime Fertilizers .....	Kensington
<b>Nova Scotia</b>	
Canadian Industries Limited .....	Pier 9, Halifax
Canada Packers Limited .....	Nesbit St., Windsor
Fundy Fertilizers .....	Kentville
<b>New Brunswick</b>	
Canada Packers Limited .....	East Saint John
Canadian Industries Ltd. ....	Grand Falls
International Fertilizers Limited .....	Courtenay Bay, Saint John
Les Engrais Chimiques Excellent Ltée .....	Drummond
McCain Fertilizers Ltd. ....	Florenceville
Summers Fertilizers Co. Inc. ....	St. Stephen
<b>Quebec</b>	
Agricultural Chemicals Ltd. ....	Fort Chambly
Canada Packers Limited .....	6000 St. Patrick St., Montreal
Canada Packers Limited .....	Ste-Foy
Canadian Industries Limited .....	McMasterville and Montreal
International Fertilizers Limited .....	Wolfe's Cove, Sillery
Les Engrais Chimiques Maska .....	Ste-Rosalie
Les Engrais Albatros Ltd. ....	St-Arsène
Les Engrais Idéal Ltée .....	St-Rémi
Les Engrais Laprairie Ltée .....	Laprairie
Les Engrais Payson Ltd. ....	L'Assomption
<b>Ontario</b>	
Agricultural Chemicals Ltd. ....	London
Morganic Fertilizers Ltd. ....	Kingsville
Burford Fertilizer and Chemical Co. Ltd. ....	Aurora
Burford Fertilizers Ltd. ....	Burford
Canada Packers Limited .....	Charham
Canada Packers Limited .....	2200 St. Clair Ave. W., Toronto
Canada Packers Limited .....	Welland
Canadian Industries Limited .....	Chatham
Canadian Industries Limited .....	Hamilton
Canadian Industries Limited .....	Norwich and Ingersoll
Dale, Ralph, Fertilizers Ltd. ....	R.R. 2, Richmond
Electric Reduction Co. of Canada Ltd. ....	Port Maitland
Elmira Fertilizers Ltd. ....	Elmira
Golden Sunshine Fertilizer Co. Ltd. ....	Essex
Harriston Fertilizers Ltd. ....	Harriston
Harriston Fertilizers Ltd. ....	Walkerton
Huronis Fertilizers Ltd. ....	Alliston
International Fertilizers Limited .....	Cornwall
Kent County Fertilizers Ltd. ....	Ridgetown, Blenheim, Tupperville
Lowrie Fertilizers Ltd. ....	Mount Albert
Manchester Products Limited .....	Galt
Misner Fertilizer Limited .....	Port Dover
"Na-Chura" Plant Food (Canada) Ltd. ....	London
Ontario Plant Foods Ltd. ....	Delhi
R.A.M. Fertilizer Ltd. ....	Courtland
Rainbow Chemicals Ltd. ....	Tilbury
Scotch Fertilizers Ltd. ....	Ailsa Craig
Scotch Fertilizers Ltd. ....	Glencoe
Scotch Fertilizers Ltd. ....	Kerwood
Shakespeare Fertilizers Ltd. ....	Shakespeare
Swift Canadian Co. Ltd. ....	1400 The Queensway, Toronto
Top Value Fertilizers Ltd. ....	McGregor
United Co-operatives of Ontario .....	Tilsonburg
United Co-operatives of Ontario .....	4004 Dundas St. W., Toronto
United Co-operatives of Ontario .....	Stratford
United Co-operatives of Ontario .....	Thamesville
United Co-operatives of Ontario .....	Kemptville
<b>Manitoba</b>	
Bard Fertilizer Ltd. ....	Winnipeg
Border Fertilizer Ltd. ....	Springfield
<b>British Columbia</b>	
Beach Treat Fertilizer Products .....	North Surrey
Clabe Fertilizer Co. Ltd. ....	Vancouver
Green Valley Fertilizer and Chemical Co. Ltd. ....	North Surrey
Old Gardener Products Ltd. ....	Vancouver
Bergy, Michael .....	Vancouver





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