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DOMINION BUREAU OF STATISTICS - CANADA
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THE FERTILIZER INDUSTRY IN CANADA, 1929.

Production from plants in Canada engaged primarily in the manufacture of complete fertilizers amounted in value to \$2,258,780 in 1929, according to a report just issued by the Dominion Bureau of Statistics at Ottawa. In addition, fertilizer materials such as calcium cyanamide, ammonium sulphate, animal tankage, ground bone and fish fertilizers were made in factories classified under other industries; in 1929 the production value of these commodities totalled \$12,090,768.

Only 12 plants in Canada produced complete fertilizers as their major product during 1929; 5 were in Ontario, 2 in Nova Scotia, 3 in British Columbia, 1 in Quebec, and 1 in New Brunswick. Capital employed in these plants amounted to \$2,991,783 and the average number of persons employed for the year was 251. Payments in salaries and wages totalled \$265,650 and materials used in manufacture cost \$1,450,253.

Complete fertilizer was the major product of the industry. In 1929, production amounted to 48,438 tons worth \$2,112,146 or 94 per cent of the total output of the industry. Superphosphate was actually made in only one plant although several manufacturers of complete fertilizer sold quantities of superphosphate after dilution with a filler to meet the requirements of the trade.

Production of complete fertilizer by firms in other industries amounted to 26,728 tons worth \$935,421 while ammonium sulphate, cyanamide, animal tankage, fish fertilizer and ground bone, used extensively as a fertilizer, were also produced by concerns classified in other industries. Table 2 of this bulletin gives the production in the fertilizer industry as classified for statistical purposes, and Table 3 shows the output from other industries.

Imports and exports of fertilizer materials are shown in Table 4.

The Bureau has made a special survey of the Fertilizer Trade in Canada for the year ended June 30, 1929. This bulletin gives details of sales by classes and by provinces, and may be obtained free upon request to the Dominion Bureau of Statistics at Ottawa.

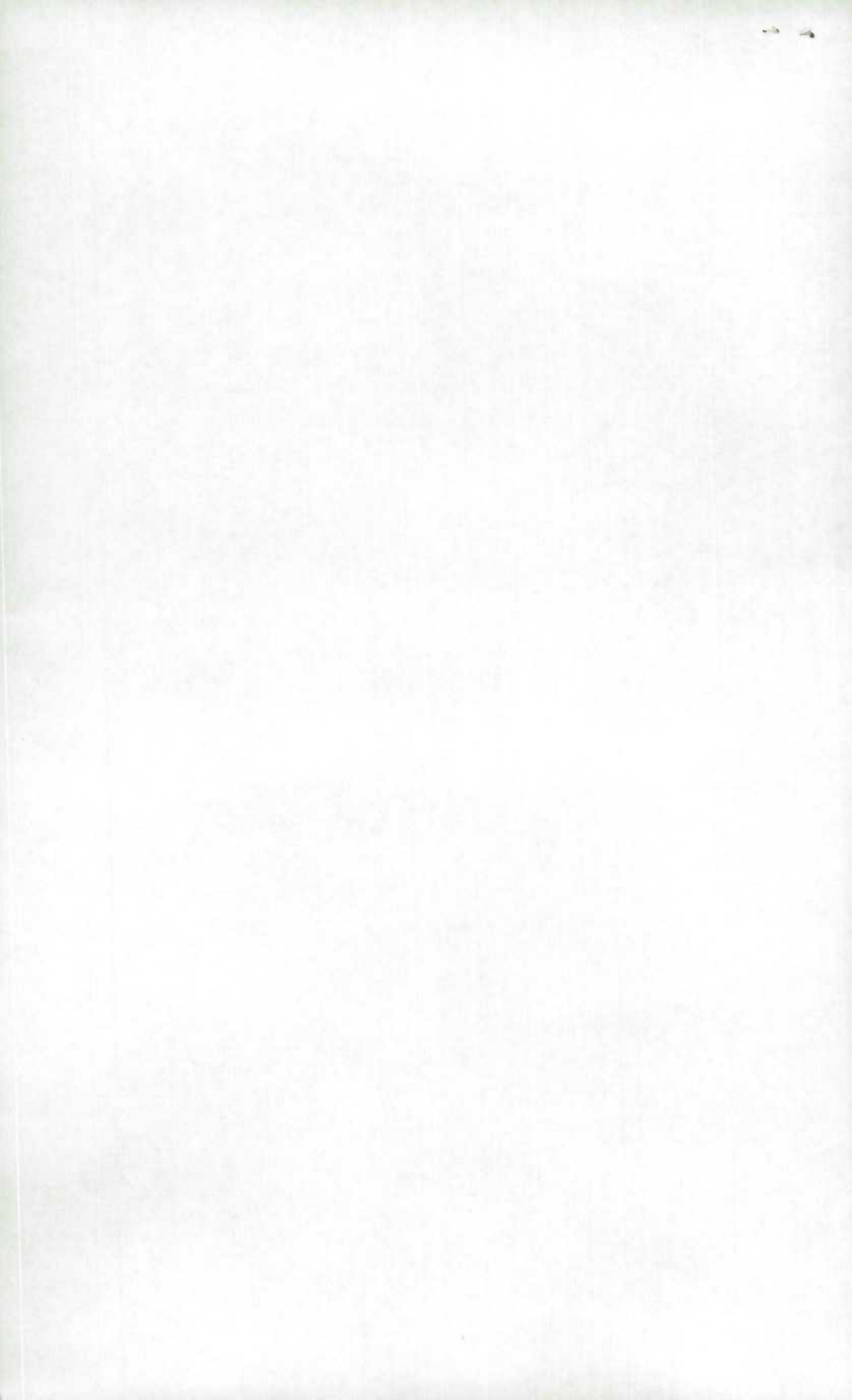


Table 1.- PRINCIPAL STATISTICS OF THE FERTILIZERS INDUSTRY IN CANADA, 1925 - 1929.

Year	No. of plants	Capital employed	Average number of employees	Salaries and wages	Cost of materials at works	Selling	
						value of products at works	Value added by manufacturing
1925 ...	13	2,095,608	201	205,173	1,045,394	1,437,787	392,495
1926 ...	12	1,891,054	221	210,427	1,047,641	1,449,589	401,948
1927 ...	12	1,998,811	233	224,564	1,200,030	1,844,032	644,002
1928 ...	12	2,131,905	251	281,109	1,446,800	2,139,986	743,186
1929 ...	12	2,921,783	251	265,650	1,450,253	2,238,780	808,527

Table 2.- PRODUCTS OF THE FERTILIZERS INDUSTRY IN CANADA, 1928 and 1929.

Products made	Unit of measure	1928		1929	
		Quantity	Selling value at works	Quantity	Selling value at works
Complete fertilizer.....	ton	53,799	1,990,650	48,433	2,113,146
All other products (x).....	"	...	199,156	...	145,654
TOTAL.....	"	...	2,189,986	...	2,258,780

(x) Includes superphosphate, bone meal, etc.

Table 3.- PRODUCTION OF FERTILIZERS AND FERTILIZER MATERIALS IN OTHER INDUSTRIES, 1928 and 1929.

Industry	Product	Unit of measure	1928		1929	
			Quantity	Selling value at works	Quantity	Selling value at works
Cyanamide Slaughtering and Meat Packing	- Calcium cyanamide.....	ton	138,186	4,926,341	252,005	8,665,097
	- Animal tankage.....	ton	15,482	781,271	14,682	751,296
	- Bone, raw, ground.....	ton	4,339	196,863	3,552	176,797
Fisheries	- Complete fertilizers.....	ton	20,381	944,818	24,328	910,421
	- Fish and whale fertilizers.....	ton	10,419	142,848	12,576	218,202
Coke and Gas	- Ammonium sulphate.....	ton	28,090	1,108,744	34,141	1,293,952
Adhesives	- Complete fertilizers.....	ton	2,000	82,000	1,900	75,000
TOTAL.....		ton	218,897	8,162,835	343,824	12,090,766

Table 4.- IMPORTS INTO CANADA AND EXPORTS OF FERTILIZER MATERIALS, CALENDAR YEARS 1928 and 1929.

	Unit of measure	1928		1929	
		Quantity	Value	Quantity	Value
IMPORTS					
Tankage.....	ton	1,617	59,780	1,506	57,307
Bone dust, charred bone, bone meal, and bone flour.....	ton	3,197	199,669	2,416	152,916
Fish offal or refuse.....	ton	585	4,693	774	15,143
Ammonium sulphate.....	ton	5,510	174,899	1,723	80,019
Basic slag, crushed or ground.....	ton	13,980	122,335	13,626	161,028
Cyanamide.....	ton	55	2,304	132	7,075
Kainite and other German potash salts.....	ton	202	5,692	603	7,199
Potash, muriate of, crude.....	ton	23,855	842,988	17,001	611,121
Potash, sulphate of, crude.....	ton	997	50,167	903	43,277
Soda, nitrate of.....	ton	26,780	1,204,017	33,878	1,419,647
Fertilizers, superphosphate.....	ton	97,489	1,180,537	97,025	1,147,839
Fertilizers, compounded or manufactured, net p.....	ton	58,209	1,423,850	43,517	1,114,518
EXPORTS					
Tankage.....	ton	13,530	617,060	13,765	614,921
Bone dust and meal.....	ton	2	83	2	75
Fish meal.....	ton	16,850	925,000	16,223	826,260
Fish offal or refuse.....	ton	1,675	81,497	1,470	64,772
Ammonium sulphate.....	ton	13,632	361,696	24,439	909,510
Cyanamide.....	ton	135,526	4,759,310	192,929	6,436,519
Fertilizers, manufactured.....	ton	2,236	49,330	4,229	106,695

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