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CANADA
DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
CENSUS OF INDUSTRY
GENERAL MANUFACTURES BRANCH

REPORT
ON THE
COTTON & JUTE BAG INDUSTRY

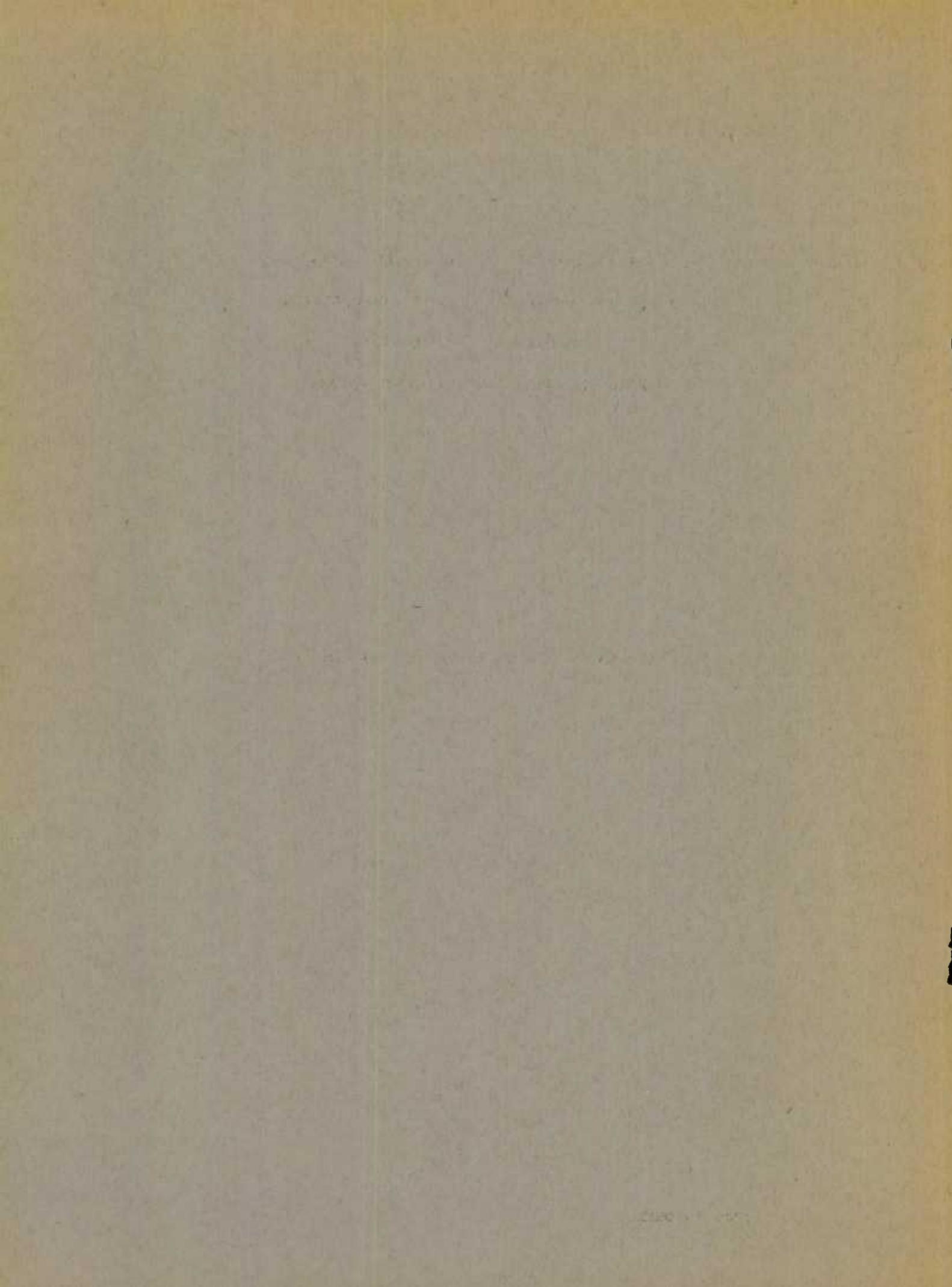
IN
CANADA

1939



OTTAWA
1940

Price 15 cents



DEPARTMENT OF TRADE AND COMMERCE
DOMINION BUREAU OF STATISTICS
GENERAL MANUFACTURES BRANCH
OTTAWA - CANADA

Dominion Statistician: R. H. Coats, LL.D., F.R.S.C., F.S.S.(Hon.)
Chief, General Manufactures Branch: A. Cohen, B.Com.

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1939.

In 1939 reports were received from twenty-seven establishments whose principal output consisted of cotton and jute bags.

Operations in the cotton and jute bag industry increased considerably in 1939. Compared with the previous year there were increases of \$2,051,689 in the value of products made, \$1,050,763 in the capital invested, 103 in the number of persons employed, \$146,000 in the salaries and wages paid, and \$414,030 in the value added by manufacture. There was also an increase in the physical volume of production, the output of cotton and jute bags rising from 106,172,740 in 1938 to 124,340,340 in 1939.

The location of this industry by provinces is as follows: Prince Edward Island 1, New Brunswick 1, Quebec 8, Ontario 11, Manitoba 4, Saskatchewan 1 and British Columbia 1.

The output of the items cotton and jute bags accounts for practically the whole production in the industry. In 1939 this value was \$9,823,533 or 95 per cent of the total value of production.

The materials used consist principally of jute and cotton fabrics and their consumption in 1939 was 134,963,331 yards valued at \$7,169,089 or 89 per cent of the total cost.

By referring to table 3 it will be observed that the eleven largest establishments reported a production of \$8,080,951 or 78 per cent of the total output. They also employed \$5,486,292 or 87 per cent of the total capital and 690 or 71 per cent of the number of employees engaged in the industry.

In 1939 the month of highest employment of wage-earners was October with 1,018 persons so employed, while February with 671 persons was the month of minimum employment. Female wage-earners represented approximately 64 per cent of the total.

Imports and exports are relatively unimportant in this industry. The value of the imports in 1939 was \$156,923 against a 1938 valuation of \$142,744. Exports in 1939 were valued at \$242,938 and in 1938 at \$57,303.

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1939.

Table I.— Principal Statistics for representative years, 1922 to 1939.

Year and Provinces	Establishments	Capital Invested	Total Employees	Total Salaries and Wages	Cost of Materials Used	Gross Value of Production
			No.	\$	No.	\$
1922	14	5,866,588	918	863,459	8,701,562	10,370,224
1925	15	6,307,126	984	959,639	12,948,571	14,932,522
1927	17	6,746,733	1,037	952,080	10,906,830	12,932,779
1928	19	6,684,706	1,065	999,633	12,494,239	14,285,396
1930	23	5,631,776	965	975,688	7,587,868	9,879,462
1932	23	4,992,545	885	851,258	5,105,244	6,981,188
1934	24	5,353,146	922	879,098	6,645,990	8,622,644
1935	24	5,221,593	924	872,127	6,557,653	8,404,107
1936	24	5,227,587	923	912,612	7,238,846	9,057,276
<u>1937</u>						
CANADA	29	6,307,277	944	905,927	7,554,563	9,204,467
Prince Edward Island and Quebec.	10	2,075,492	350	325,675	2,796,704	3,370,662
Ontario	12	1,491,246	325	230,930	2,156,678	2,662,895
Manitoba, Saskatchewan and British Columbia	7	2,740,539	269	301,274	2,601,181	3,170,910
<u>1938</u>						
CANADA	27	5,291,806	873	867,354	6,425,466	8,269,025
Prince Edward Island and Quebec.	9	1,825,047	326	293,950	2,288,231	2,844,233
Ontario	12	1,209,080	303	285,772	1,835,749	2,468,767
Manitoba, Saskatchewan and British Columbia	6	2,157,679	244	289,612	2,301,486	2,956,025
<u>1939</u>						
CANADA	27	6,342,569	976	1,013,334	8,057,837	10,320,714
Prince Edward Island, New Brunswick and Quebec	10	2,424,380	411	402,553	3,197,849	5,890,681
Ontario	11	1,442,665	300	292,529	2,071,652	2,748,624
Manitoba, Saskatchewan and British Columbia	6	2,475,524	265	318,252	2,788,336	3,681,409

NOTE: Profits or losses cannot be estimated from Census figures as no data are collected for certain expense items, such as interest, rent, depreciation, taxes, insurance, advertising, etc.

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1939

Table 2. - Comparison of Principal Statistics, 1938 and 1939.

Items	1938	1939	+ Increase - Decrease
Establishments reporting	No.	27	27
Capital invested	\$	5,291,806	6,342,569
Employees on salaries -			
Total	No.	143	170
Male	No.	108	115
Female	No.	35	55
Total salaries	\$	315,687	371,150
Employees on wages -			
Monthly average	No.	730	806
Male	No.	278	294
Female	No.	452	512
Total wages	\$	553,647	642,184
Power Equipment -			
Units	No.	313	349
Horse-power capacity	H.P.	1,300	1,478
Cost of fuel and electricity ...	\$	37,111	42,399
Cost of materials used	\$	6,425,466	8,057,837
Gross value of production	\$	8,269,025	10,320,714
Value added by manufacture	\$	1,806,448	2,220,478
			+ 414,030

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1939.

Table 3. - Principal Statistics of the Cotton and Jute Bag Industry, Grouped According to the Size of Establishment, 1938 and 1939.

1938

Establishments having a production of -	Establishments	Capital Invested	Total Employees	Total Salaries and Wages	Cost of Materials Used	Gross Value of Production
	No.	\$	No.	\$	\$	\$
Under \$5,000	1)					
\$5,000 to under \$25,000)					
\$25,000	6)	104,881	61	45,826	127,030	189,081
\$25,000 to under \$50,000)					
\$50,000	1)					
\$50,000 to under \$100,000)					
\$100,000 to under \$500,000	1)					
\$500,000 to under \$1,000,000	10)	1,634,422	298	251,068	2,357,746	2,948,220
	8)	3,552,503	514	570,440	3,940,690	5,131,724
TOTAL	27	5,291,806	873	867,334	6,425,466	8,269,025

1939

Under \$5,000	1)					
\$5,000 to under \$25,000)					
\$25,000	5)	63,151	39	27,158	54,235	97,726
\$25,000 to under \$50,000)					
\$50,000 to under \$100,000	1)					
\$100,000 to under \$500,000	2)	65,168	39	24,267	137,938	186,908
\$500,000 to under \$1,000,000	7)	727,958	208	162,629	1,598,207	1,955,129
	11)	5,486,292	690	799,280	6,267,457	8,080,951
TOTAL	27	6,342,569	976	1,013,334	8,057,837	10,320,714

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1939.

Table 4. - Production, 1938 and 1939.

Principal Products	Unit of Measure	1938		1939	
		Quantity	Selling Value at Factory	Quantity	Selling Value at Factory
Bags manufactured -		\$	\$		\$
Jute	Number	60,061,740	4,429,404	71,374,138	5,601,053
Cotton	"	46,111,000	3,513,092	52,366,202	4,222,480
Paper, all kinds .	"	(1)	(1)	1,072,775	25,709
All other	-	-	60,419	-	15,859
Bags repaired	-	-	246,940	-	371,137
Individual tea bags, all kinds	Number	(1)	(1)	16,814,000	43,413
All other products	-	-	19,170	-	41,063
TOTAL VALUE OF PRODUCTS	-	-	8,269,025	-	10,320,714

NOTE - The above items do not necessarily represent the entire Canadian output, as bags of various kinds are also manufactured in other Industries. For the total production in the Dominion, reference should be made to the appendix contained in all annual reports on "The Manufacturing Industries of Canada".

(1) Included in "All Other Bags", 1938.

Table 5. - Materials Used, 1938 and 1939.

Principal Materials	Unit of Measure	1938		1939	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Fabrics -		\$	\$		\$
Jute	Yard	78,639,541	3,360,682	95,929,546	4,166,907
Cotton	"	34,149,804	2,583,387	39,033,785	3,002,182
All other	-	-	11,626	-	267,482
Paper: filter, tissue, etc.	-	(1)	(1)	-	5,218
Secondhand bags	Number	3,499,459	203,858	4,909,450	309,638
Sewing twine	Pound	382,459	117,065	479,574	138,129
Thread	"	83,854	24,635	70,191	20,466
Printing ink	"	342,130	79,522	407,580	93,566
Rubber	"	6,312	2,845	20,721	8,256
All other materials	-	-	19,864	-	34,701
Packing and shipping materials	-	-	21,982	-	11,292
TOTAL COST OF MATERIALS USED	-	-	6,425,466	-	8,057,837

(1) Included in "All Other Materials", 1938.

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1939.

Table 6. - Capital Invested, 1927 to 1939.

Year and Provinces	Fixed Capital	Working Capital		Total Capital
	Land, buildings, fixtures, machinery, tools and other equipment	Inventory Value of materials, stocks in process, finished products, fuel and miscellaneous supplies on hand	Operating Capital (cash, bills and accounts receivable, Prepaid expenses, etc.)	
1924	2,504,897	1,954,654	1,235,812	5,695,363
1925	2,651,935	2,377,945	1,277,246	6,307,126
1926	2,652,597	1,323,637	1,589,280	5,565,514
1927	2,768,729	2,390,248	1,587,756	6,746,733
1929	2,925,922	1,976,050	1,736,787	6,638,759
1932	2,721,324	1,261,217	1,010,004	4,992,545
1933	2,570,154	1,590,435	1,075,867	5,236,456
1934	2,542,704	1,828,977	981,465	5,353,146
1935	2,568,573	1,859,641	793,379	5,221,593
1936	2,490,873	1,858,518	878,196	5,227,587
<u>1937</u>				
CANADA	2,717,232	2,531,437	1,058,608	6,307,277
Prince Edward Island and Quebec	949,112	773,422	352,958	2,075,492
Ontario	733,883	639,274	118,089	1,491,246
Manitoba, Saskatchewan and British Columbia	1,034,237	1,118,741	587,561	2,740,539
<u>1938</u>				
CANADA	2,295,808	2,070,511	925,487	5,291,806
Prince Edward Island and Quebec ..	710,945	891,787	522,315	1,925,047
Ontario	655,319	460,015	93,746	1,209,080
Manitoba, Saskatchewan and British Columbia	929,544	718,709	509,426	2,157,679
<u>1939</u>				
CANADA	2,497,371	2,487,686	1,357,512	6,342,569
Prince Edward Island and Quebec	834,171	1,042,328	547,881	2,424,380
Ontario	647,038	665,009	130,618	1,442,665
Manitoba, Saskatchewan and British Columbia	1,016,162	780,349	679,013	2,475,524

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1939.

Table 7. - Employees by Sex and Renumeration, 1938 and 1939.

	1938	1939
Salaried Employees -		
Total	No. 143	170
Male	No. 108	115
Female	No. 35	55
Total salaries	\$ 313,687	371,150
Wage-earners -		
Monthly average	No. 730	806
Male	No. 278	294
Female	No. 452	512
Total wages	\$ 553,647	642,184
All Employees -		
Total	No. 873	976
Male	No. 386	409
Female	No. 487	567
Total salaries and wages	\$ 867,334	1,013,334

Table 8. - Monthly Employment of Wage-earners, 1937 to 1939.

Months	1937			1938			1939		
				Male	Female	Total	Male	Female	Total
	No.	No.	No.	No.	No.	No.	No.	No.	No.
January	300	502	802	270	448	718	269	409	678
February	299	499	798	271	441	712	271	400	671
March	300	486	786	274	431	705	270	419	639
April	297	495	792	281	415	696	274	442	716
May	299	485	784	291	438	729	285	449	734
June	298	474	772	275	432	707	294	467	761
July	283	472	755	232	428	710	298	462	750
August	297	518	815	284	459	743	298	503	806
September	305	517	822	277	501	778	318	652	970
October	306	543	849	282	539	821	335	683	1,018
November	308	517	825	276	478	754	335	662	997
December	289	441	730	272	437	709	314	594	908
MONTHLY AVERAGE..	300	496	796	278	452	730	294	512	806

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1939.

Table 9. - Number of Wage-earners in Month of Normal Employment with their Regular Hours of Work per Week and Average Weekly Earnings, 1938 and 1939.

Number of Hours Worked per Week	1938		1939	
	Male		Female	
	No.	No.	No.	No.
30 hours or less	7	19	6	6
31-43 hours	31	60	6	58
44 hours	6	23	13	61
45-47 hours	62	88	153	217
48 hours	94	179	51	136
49-50 hours	24	21	45	6
51-54 hours	28	70	9	30
55 hours	-	-	8	-
56-64 hours	20	-	2	-
65 hours and over	3	-	2	-
Average hours per week	47.4	45.7	46.9	45.5
Average weekly earnings	\$20.02	\$12.84	\$20.66	\$13.03

The above table does not include overtime.

Table 10. - Power Equipment, 1938 and 1939.

Classes of Power	1938		1939	
	Number of Units	Manufacturers' Rating of Horse-power Capacity	Number of Units	Manufacturers' Rating of Horse-power Capacity
Steam engines and steam turbines (Idle	1	40	1	40
Gasoline, gas and oil engines (In use	1	26	1	5
Electric motors operated by purchased power	278	971	308	1,298
(Idle	33	263	39	135
TOTAL POWER USED IN MANUFACTURING	313	1,300	349	1,478
Boiler installation (In use	7	404	6	464
(Idle	1	100	1	100

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1939.

Table 11. - Consumption of Fuel and Electricity, 1938 and 1939.

Kinds of Fuel	Unit of Measure	1938		1939	
		Quantity	Cost Value at Factory	Quantity	Cost Value at Factory
Coal -	Ton		\$		\$
Bituminous	(2,000 lb.)	2,161	14,418	2,432	16,296
Anthracite	"	260	1,400	333	2,181
Lignite	"	10	64	15	142
Coke (for fuel only)	"	37	474	-	-
Gasoline	Imp. Gallon	355	60	-	-
Kerosene or coal oil	" "	-	-	50	13
Fuel or diesel oil	" "	15,770	756	14,480	699
Wood	Cord	43	119	50	215
Gas, manufactured	M. cu. ft.	-	-	367	397
Steam	-	-	3,468	-	3,546
TOTAL COST OF FUEL	-	-	20,759	-	23,489
Electricity purchased (including service charges)	Kw.h.	664,668	16,352	709,578	18,910
TOTAL COST OF FUEL AND ELECTRICITY	-	-	37,111	-	42,399

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1938.

Table 12. - Imports of Cotton and Jute Bags, 1938 and 1939.

Articles Imported	Unit of Measure	1938		1939	
		Quantity	Value	Quantity	Value
Bags, seamless, cotton	Pound	27,206	\$ 6,549	54,647	\$ 10,495
Bags, cotton, n.o.p.	"	190,802	29,575	113,937	18,999
Bags or sacks of hemp, linen or jute		-	106,620	-	127,429

Table 13. - Exports of Cotton and Jute Bags, 1938 and 1939.

Articles Exported	1938		1939	
	Value	Value	Value	Value
Bags, cotton, jute, etc.	\$ 57,303		\$ 242,938	

THE COTTON AND JUTE BAG INDUSTRY IN CANADA, 1939.

APPENDIX

Cotton and Jute Bag Manufacturers, 1939.

PRINCE EDWARD ISLAND

Prince Edward Island Bag Company Limited, Summerside.

NEW BRUNSWICK

Canadian Bag Company Limited, The

60 Clarence Street, Saint John.

QUEBEC

Atlas Bag & Bagging Company,
Bonard, Thomas, & Co. (Canada), Limited,
Canadian Bag Company Limited, The
City Bag Company Limited, The
Sendel & Sendel Limited,
Woods Manufacturing Company Limited,
Beaudoin, Jos. T.
Workman Bag Company, The

37 Nazareth Street, Montreal.
606 De Courcelles Street, Montreal.
2485 St. Patrick Street, Montreal.
776 Chatham St., Montreal.
709-711 Common Street, Montreal.
2660 Mullins Street, Montreal.
Thetford Mines.
441 Atwater Ave., Verdun.

ONTARIO

Dominion Bag Company,
Standard Bag & Burlap Company,
Quaker Oats Company, The
Ontario Bag Company,
Burlap Products Company, The
Canadian Bag Company Limited, The
Gilchrist Manufacturing Company,
Hunt, Harry E.
Nock Brothers & Ayre Company,
Woods Manufacturing Company Limited,
Walkerville Bag Manufacturing Company Ltd.,

230 York Street, Hamilton.
183 Catherine Street North, Hamilton
84 Hunter Street West, Peterborough.
Port Colborne.
251 College Street, Toronto.
100 Paton Road, Toronto 9.
2480 Dundas Street West, Toronto.
130 Dundas Street West, Toronto.
4 Berti Street, Toronto 2.
401 Logan Avenue, Toronto 8.
Walkerville.

MANITOBA

Canadian-Bemis Bag Company Limited,
Dominion Bag Company,
Sunset Manufacturing Company Limited,
Woods Manufacturing Company Limited,

311 Alexander Avenue, Winnipeg.
596 Manitoba Ave., Winnipeg.
655 Logan Avenue, Winnipeg.
146 Alexander Avenue East, Winnipeg.

SASKATCHEWAN

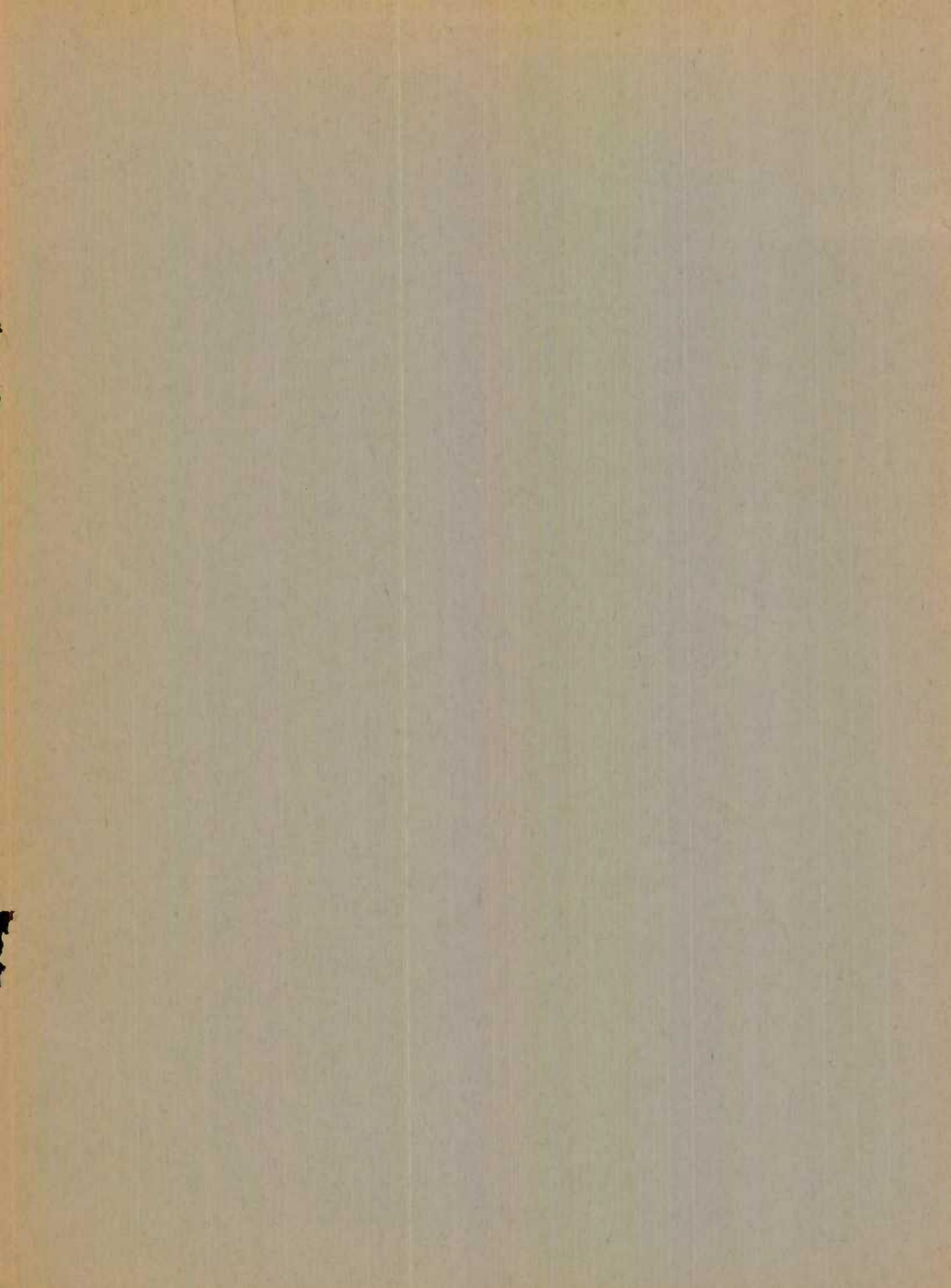
Prairie Bag Company Limited,

429 River Street West, Moose Jaw.

BRITISH COLUMBIA

Canadian-Bemis Bag Company Limited,

900 Parker Street, Vancouver.



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