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DEPARTMENT OF TRADE AND COMMERCE

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THE WOOD DISTILLATION AND WOOD EXTRACTS
INDUSTRY IN CANADA, 1925.

Production of wood distillates and extracts in Canada in 1925 amounted in value to \$1,989,996 according to the Dominion Bureau of Statistics at Ottawa. This figure was the lowest recorded since 1922 and compares with corresponding output value of \$2,283,422 in 1924 and \$2,743,295 in 1923. Only 10 establishments were in operation in 1925; two distillation plants were dismantled during the year.

Representing a capital investment of \$2,287,109, the 10 plants gave employment to 309 persons throughout the year and used materials worth \$847,663 in the manufacturing processes. In 1924 an average of 367 persons were given employment and materials used were worth over a million dollars.

TABLE I. - SUMMARY STATISTICS OF THE WOOD DISTILLATION AND WOOD EXTRACTS INDUSTRY IN CANADA, 1921-1925.

Year	Number of plants	Capital employed \$	Number of employ-ees	Salar-ies & wages \$	Cost of fuel and elect-ricity	Cost of mat-erials	Selling value of Products	Value added by manu-facturing \$
1921	12	2,694,824	276	327,271	221,950	1,110,697	2,202,314	1,091,617
1922	12	3,265,882	295	292,229	196,258	932,667	1,902,243	969,576
1923	9	2,814,045	344	332,026	277,556	976,621	2,743,295	1,766,674
1924	12	2,784,681	367	384,050	248,816	1,055,658	2,283,422	1,227,764
1925	10	2,287,109	309	238,384	191,584	847,663	1,989,996	1,142,333

TABLE II. - PRINCIPAL STATISTICS OF THE WOOD DISTILLATION AND WOOD EXTRACTS INDUSTRY IN CANADA, BY PROVINCES, 1924 AND 1925.

Province	No. of plants	1924			1925			
		No. of employ-ees	Salaries and wages \$	Value of Products \$	No. of employ-ees	Salaries and wages \$	Value of Products \$	
Quebec	6	128	127,453	1,045,106	5	125	101,584	1,198,182
Ontario	6	239	256,597	1,238,316	5	184	137,264	791,814
Canada	12	367	384,050	2,283,422	10	309	238,848	1,989,996

TABLE III. - MATERIALS USED IN THE WOOD DISTILLATION AND WOOD EXTRACTS INDUSTRY IN CANADA, 1924 AND 1925.

Materials used	Unit of measure	1924		1925	
		Quantity	Cost at works \$	Quantity	Cost at works \$
Wood Distillation -					
Primary materials:					
Hardwood.....	cord	57,131	562,525	49,514	463,616
Lime.....	bush.	55,190	22,816	44,391	17,911
Salt.....	lb.	32,800	328	7,400	68
Sulphuric acid, 60° Be.....	"	469,020	4,867	516,780	3,259
Caustic soda.....	"	34,300	1,470	15,100	638
Other materials.....		-	26	-	176
Total.....		-	592,032	-	485,668
Intermediates used:					
Gray acetate of lime.....	lb.	5,895,108	150,730	1,869,023	47,010
Methyl hydrate, crude, 95%..	gal.	334,954	227,151	346,165	235,392
Methyl hydrate, pure.....	"	96,740	85,380	92,020	78,217
Total.....		-	463,271	-	360,619
Total.....		-	1,055,303	-	846,287
Wood Extracts -					
Total.....		-	355	-	1,376
TOTAL.....		-	1,055,658	-	847,663

TABLE IV. - PRODUCTS OF THE WOOD DISTILLATION AND WOOD EXTRACTS INDUSTRY, IN CANADA, 1924 AND 1925.

Products	Unit of measure	1924		1925	
		Quantity	Selling value \$	Quantity	Selling value \$
Wood Distillation -					
Products made for sale -					
Charcoal.....	bush.	2,892,404	715,351	2,422,490	535,720
Gray acetate of lime, 80% ...	lb.	5,045,948	127,685	6,584,369	350,434
Methyl hydrate, 95%.....	gal.	154,542	101,719	101,766	65,753
Methyl hydrate, pure.....	"	331,718	311,151	342,620	342,620
Columnian spirits.....	"	3,372	5,597	3,014	4,521
Acetone.....	lb.	939,278	176,584	346,478	65,821
Acetone oils.....	"	216,361	39,378	81,107	14,599
Wood creosote.....	gal.	327,279	71,347	213,612	42,723
Acetic acid, 28%.....	lb.	977,034	43,188	939,935	40,417
Acetic acid, 80%.....	"	177,520	31,122	238,255	38,121
Formaldehyde.....	"	1,398,989	200,395	1,157,700	173,655
Total.....		-	1,823,517	-	1,674,384
Intermediates made for use -					
Gray acetate of lime, 80%....	lb.	5,843,897	156,305	2,266,901	40,895
Methyl hydrate, crude, 95%...	gal.	307,377	207,282	272,208	176,934
Methyl hydrate, pure.....	"	96,740	85,380	92,020	78,217
Total.....		-	448,967	-	295,046
Total.....		-	2,272,484	-	1,970,430
Wood Extracts -					
Total.....		-	10,938	-	19,566
TOTAL.....		-	2,283,422	-	1,989,996

TABLE V. - IMPORTS INTO CANADA AND EXPORTS OF CERTAIN CHEMICAL PRODUCTS DURING THE CALENDAR YEARS, 1924 AND 1925.

Item	1924		1925	
	Imports	Exports	Imports	Exports
Wood alcohol.....Gal.	18	155,335	45	153,419
	\$	85	137	138,956
Charcoal.....	98,325	428	176,853	335
Acetone and amyl acetate..	8,307	-	7,036	-
Acetic acid.....Gal.	-	35,120	-	-
	\$	323,514	-	-
Acetic and pyroligneous acid.....Gal.	4,801	-	2,206	-
	\$	4,821	-	-
Formaldehyde.....	99	-	341	-
	\$	-	-	-

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