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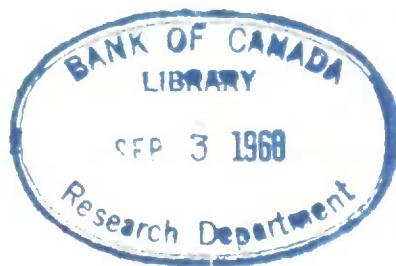
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PEAT INDUSTRY

1965

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PEAT INDUSTRY

1965

The Peat Industry is part of Other Non-metal Mines - Industry 079 of the Standard Industrial Classification Manual, Catalogue No. 12-501.

During 1964 the Canadian producers of peat moss shipped 287,845 short tons valued at \$8,982,979. Comparable data for the preceding year was 255,475 tons valued at \$8,399,648. These valuations do not include the cost of containers. There were no shipments of peat fuel during recent years.

Peat moss, the dead fibrous moss produced from peat bogs, is valuable because of its high absorbent capacity for liquids and gases, high resistance to decomposition, and low heat conductivity. Because of these properties it makes an excellent stable litter for horses and cattle, and it is especially valuable for poultry litter. Although not a fertilizer in itself, it is a good soil conditioner as it loosens up a clay soil, helps to maintain the moisture in a light sandy soil, and adds valuable organic matter to depleted soils. The main use of peat moss is horticultural, for better lawns, more luxuriant flowers, and stronger plants and shrubs are obtainable through its addition to the soil. It makes excellent packing material for the shipment of perishable fruits, vegetables and cut flowers. It is useful for making compost and as a diluent and carrier in the application of artificial fertilizers.

Technical information on peat moss appears in the Mines Branch Information Circular IC 104 and Technical Bulletin TB 22 published by the Department of Energy, Mines and Resources, Ottawa.

Data presented in this report under the heading of The Peat Industry (Tables 1-6) reflect the full implementation of the revised Standard Industrial Classification (S.I.C.) and the New Establishment Concept including an extension of the latter to cover total activities of mining establishments (see Explanatory Notes section of 1964 report). Commodity statistics reflecting total production from all sources, world figures on production, trade data, etc. are presented along the same general lines as in the earlier issues of this report.

The combination of improvements in internal procedures with the introduction of the final stage of the establishment concept in the annual Census of Mining produced changes which, for some industries, required major adjustments in industry statistical data - see Explanatory Notes, 1964 issue. However, in the case of the industry under review in this report, the changes were relatively minor. The reduction in the number of establishments which is indicated is the result of the exclusion of non-producers. These latter are no longer being included as establishments under the new definition.

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.
- r revised figures.
- x confidential to meet secrecy requirements of the Statistics Act.

TABLE 1. Principal Statistics,¹ Peat Industry, 1961-65
Basis: Revised Standard Industrial Classification and New Establishment Concept

Year	Establishments	Mining activity							Total activity					
		Production and related workers			Cost of fuel and electricity	Cost of materials and supplies	Value of production	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				
1961	37	1,112	2,360	2,989	305	2,420	8,671	5,946	6	27	1,207	3,498	5,944	
1962	42	1,118	2,344	3,037	362	2,586	9,618	6,669	7	30	1,220	3,576	6,655	
1963	45	1,198	2,517	3,343	398	2,699	9,938	6,841	7	29	1,303	3,915	7,046	
1964	51	1,173	2,429	3,279	387	2,868	9,965	6,711	7	31	1,290	3,965	6,765	
1965	54	1,055	2,477	3,016	375	3,415	10,282	6,493	23	75	1,201	3,916	6,724	

¹ Refer to Explanatory Notes, in 1964 issue, for explanation of concepts and definitions. See also text page 3.

TABLE 2. Employment and Payroll, Peat Industry, 1961-65
Basis: Revised Standard Industrial Classification and New Establishment Concept

Year	Employees										Salaries and wages				
	Production and related workers				Administrative and office		Sales and distribution		Total		Production and related workers		Administrative and office	Sales and distribution	Total
	At bogs and plants		Other		Male	Female	Male	Female	Male	Female	At bogs and plants	Other	Male	Female	Total
	Male	Female	Male	Female	number						\$'000				
number															
1961	1,098	14	—	—	67	28	—	—	1,165	42	2,989	—	509	—	3,498
1962	1,101	17	—	—	72	30	—	—	1,173	47	3,037	—	540	—	3,576
1963	1,182	16	—	—	74	31	—	—	1,256	47	3,343	—	573	—	3,915
1964	1,162	11	2	—	85	30	—	—	1,249	41	3,279	5	682	—	3,965
1965	1,042	13	—	—	113	33	—	—	1,155	46	3,016	—	900	—	3,916

See footnote Table 1.

TABLE 3. Production and Related Workers, Peat Industry, 1964-1965
Basis: Revised Standard Industrial Classification and New Establishment Concept

Month	1964				1965			
	At bogs		At dressing plants		At bogs		At dressing plants	
	Male	Female	Male	Female	Male	Female	Male	Female
Establishments reporting monthly detail (large establishments only):								
January	118	—	286	7	166	1	282	7
February	203	—	370	6	206	1	376	8
March	235	—	501	10	292	2	496	6
April	301	—	480	5	277	2	442	6
May	767	10	506	12	421	11	420	9
June	1,370	4	434	10	1,248	15	350	7
July	1,458	6	395	9	1,620	19	333	6
August	1,380	7	410	10	1,402	9	274	7
September	1,044	7	402	1	1,079	6	225	2
October	813	6	333	7	667	3	237	2
November	353	2	271	5	301	1	155	—
December	88	—	217	1	125	1	177	3
Averages	677	4	384	7	650	6	314	5
Establishments reporting annual averages (small establishments only)								
Average for all establishments	76	—	25	—	78	2	—	—

TABLE 4. Purchased Fuel and Electricity Used, Peat Industry, 1964 and 1965

Description	1964		1965	
	Quantity	Cost	Quantity	Cost
	\$'000		\$'000	
1. Large establishments reporting commodity detail:				
Bituminous coal:				
(a) From Canadian mines	ton	—	—	—
(b) Imported	"	—	—	—
Sub-bituminous coal (from Alberta mines only)	"	585	2	734
Anthracite coal	"	—	—	—
Lignite	"	—	—	—
Coke	"	—	—	—
Gasoline (Including gasoline used in cars and trucks)	Imp. gal.	286,467	94	325,295
Fuel oil including kerosene or coal oil	"	304,550	39	227,906
Wood	cord	260	2	171
Gas:				
(a) Liquefied petroleum gases	Imp. gal.	76,593	12	47,338
(b) Other manufactured gas	M cu. ft.	—	—	—
(c) Natural gas	"	273,801	114	175,938
Other fuel	—	—
Electricity purchased	kwh.	6,128,953	97	5,870,329
Steam purchased	—	—
2. Small establishments not reporting commodity detail:				
Estimate for fuel and electricity	25	...
3. All establishments:				
Total fuel and electricity used	387	...
				375

TABLE 5. Materials and Supplies, Peat Industry,¹ 1964 and 1965

Basis: Revised Standard Industrial Classification and New Establishment Concept

Description	Cost	
	1964	1965
	\$'000	
Raw or other semi-processed materials purchased and used in bog/mill operations ²	143	554
Containers, shipping materials and supplies used	2,339	2,413
Operating, maintenance and repair supplies used (excluding fuel)	386	448
Amount paid out to others for work done on materials owned by establishments	—	—
Totals	2,868	3,415

¹ Refer to Explanatory Notes, 1964 issue, for explanation of differences in Tables 7 and 8 with data published in earlier years.² No detailed information on materials used was collected from small establishments, the estimated costs for which are included here. These estimated costs were \$127,517 in 1964 and \$183,290 in 1965.

TABLE 6. Value of Production, Peat Industry, 1964 and 1965

Basis: Revised Standard Industrial Classification and New Establishment Concept

Description	Cost	
	1964	1965
	\$'000	
Value of production	9,965	10,282
Amount received in payment for work done on materials and products owned by others	—	—
Total value of production and work done	9,965	10,282

See footnote¹ Table 5.

TABLE 7. Specified Taxes Paid by Companies Engaged in Peat Bog Operations,¹ 1964-65

Nature of taxes	1964	1965
	\$'000	
Dominion income taxes including taxes on non-operating revenue.....	91	66
Provincial taxes.....	41	36
Municipal taxes	56	92
Total taxes paid.....	188	194

¹ Includes related corporate activities associated with operations or peat bogs and plants.

TABLE 8. Miscellaneous Expenditures Made by Companies Engaged in Peat Bog Operations, 1965

	Thousands of dollars
(a) Workmen's compensation	63
(b) Silicosis Assessment	—
(c) Unemployment Insurance	35
(d) Aggregate cost of structures, roads, machinery, equipment etc., built by or purchased from outside contractors or suppliers and chargeable to Fixed Assets Account.....	136
(e) Book value of fixed assets (new structures, roads machinery, equipment etc., including major repairs and alterations) produced by own employees and chargeable to Fixed Assets Account	35
(f) Other capital expenditures not reported in (d) and (e).....	62
(g) Cost of materials and supplies used in the production of machinery and equipment and in the construction of roads and new structures (including major repairs and alterations by own employees and chargeable to Fixed Assets Account.....	19
(h) Cost of office supplies used during the year, not chargeable to Fixed Assets Account. Excludes cost of stamps and meter expenses	30

TABLE 9. Production of Peat Fuel and Peat Moss, by Uses and by Provinces, 1964 and 1965

Province	Peat fuel		Peat moss						Total moss shipments	
			For horticulture		For poultry and stable litter		For other uses			
	Tons	Value	Tons	Value	Tons	Value	Tons	Value	Tons	Value
		\$'000		\$'000		\$'000		\$'000		\$'000
1964										
Nova Scotia.....	—	—	30,019	962	323	10	—	—	30,342	972
New Brunswick.....	—	—	94,122	2,469	924	25	74	9	95,120	2,503
Quebec.....	—	—	51,090	1,673	4,058	186	—	—	55,148	1,859
Ontario.....	—	—	4,404	222	—	—	—	—	4,404	222
Manitoba.....	—	—	70,355	2,838	106	6	—	—	70,461	2,844
Alberta.....	—	—								
British Columbia.....	—	—	249,990	8,164	5,411	227	74	9	255,475	8,400
Canada.....	—	—								
1965										
Nova Scotia.....	—	—	58,991	1,617	464	17	—	—	59,455	1,634
New Brunswick.....	—	—	107,565	2,296	—	—	104	10	107,669	2,306
Quebec.....	—	—	39,131	1,548	2,748	117	—	—	41,879	1,665
Ontario.....	—	—	4,536	204	—	—	—	—	4,536	204
Manitoba.....	—	—	74,106	3,163	200	11	—	—	74,306	3,174
Alberta.....	—	—								
British Columbia.....	—	—	284,329	8,828	3,412	145	104	10	287,845	8,983
Canada.....	—	—								

¹ Does not include cost of containers which were valued at \$2,230,339 in 1964 and \$2,608,316 in 1965.

TABLE 10. Production of Peat Moss, 1956-65

Year	Short tons	Value	Year	Short tons	Value
		\$'000			\$'000
1956	128,054	4,241	1961	224,031	7,295
1957	137,747	4,735	1962	238,035	7,480
1958	149,401	4,779	1963	248,311	8,715
1959	184,049	6,227	1964	255,475	8,400
1960	184,784	6,088	1965	287,845	8,983

TABLE 11. Exports of Peat Moss and Other Mosses, 1956-65

Year	Quantity	Value	Year	Quantity	Value
	tons	\$'000		tons	\$'000
1956	113,346	6,069	1961	187,621	10,415
1957	117,877	6,669	1962	205,222	10,999
1958	129,138	7,507	1963	206,911	9,901
1959	161,236	8,976	1964	217,629	10,200
1960	157,490	8,826	1965	231,465	10,396

Note: The weight of peat moss shipped varies greatly depending on the moisture content. Weight is used as a unit of measure of production (shipments) owing to the fact that Canadian moss is shipped in various forms including bales, bags, pads, etc., and at present there is no general standardization in Canada as to the size of these units.

TABLE 12. World Production of Peat, by Countries¹

Source: "Mineral Year Book", published by the United States Bureau of Mines

Country ¹	1961	1962	1963	1964	1965
thousands of short tons					
Argentina, fuel	1	2	12	4	3 ²
Austria, fuel ²	6	6	6	6	6
Canada, agricultural use ³	224	238	244	255	267
Denmark, fuel	125	67	55	40	22
Finland:					
Agricultural use	1	4	3	4	4
Fuel	128	68	88	79	72
France:					
Agricultural use	33	31	35	40 ²	40 ²
Fuel		3 ²	3 ²	3 ²	3 ²
Germany:					
East ²	550	550	550	550	550
West:					
Agricultural use	830	911	884	1,085	1,113 ²
Fuel	672	776	837	773	628 ²
Hungary, agricultural use	65	65	65	70	70
Ireland:					
Agricultural use	21	24	28	21	23 ²
Fuel	3,912	4,539	3,918	5,101	4,157 ²
Israel, agricultural use ³	9	11	13	15	17
Japan ²	80	80	80	75	75
Korea, South, agricultural use	45	137	128	127	127 ²
Netherlands ²	500	500	440	440	440
Norway:					
Agricultural use	50	40	40	46	50
Fuel	180	161	115	115	116 ²
Poland, fuel	83	73	112	110	110 ²
Sweden:					
Agricultural use	70 ²	61	52 ²	70	77 ²
Fuel	252	169	234	275	243 ²
U.S.S.R.:					
Agricultural use ³	100,000	100,000	100,000	110,000	130,000
Fuel	57,300	38,300	64,500	65,600	66,100 ²
United States, agricultural use	531	572	579	649	604
World totals ^{1,2,3}	165,700	147,400	173,000	185,600	204,900
Fuel peat (included in world total) ^{1,3}	63,300	44,800	70,400	72,700	72,600

¹ Data do not add exactly totals shown because of rounding where estimated figures are included in the detail.

² Estimate.

³ In addition, Canada produces a negligible amount of peat fuel.

⁴ Less than 500 tons.

⁵ In addition Iceland, Italy and Spain produced a negligible amount of peat fuel.

List of Establishments classified to this Industry, 1965

(Does not include establishments classified to other industries which recover peat as a secondary activity)

Name	Head office address	Location
Nova Scotia:		
Annapolis Valley Peat Moss Co. Ltd.	Berwick	Berwick
New Brunswick:		
Atlantic Peat Moss Co. Ltd.	4460, boul. Pie IX, Montréal, Québec	Shippegan, Lameque
Bushland Products Ltd.	Lower Caraquet	Pokesudie
Fafard Peat Moss Co. Ltd.	Shippegan	Shippegan
Grand Anse Peat Moss Co. Ltd.	Grand Anse	Grand Anse
Heveco, Ltd.	Tabusintac	Covedell
Western Peat Moss Ltd.	Maisonnette	Maisonnette
Québec:		
Atlas Peat Moss Co. Inc.	Box 304, Rivière-du-Loup	Rivière-du-Loup
Belle Peat Moss Co. Inc.	Rivière-du-Loup	Rivière-du-Loup
Bourque & Fils Enr'g.	St-Marc des Carrières	St-Alban
Central Peat Industries	Rivière-du-Loup	Rivière-du-Loup
Ferme de Tourbe Inc. (La)	Rivière-du-Loup	Rivière-du-Loup
Fortin, Jean J. Mme	582, boul. Lamarche, Chicoutimi	La Baleine
Gagnon & Théberge	St-Fabien	St-Fabien
Île-aux-Coudres Peat Moss	Île-aux-Coudres	Île-aux-Coudres
Laurentide Peat Moss Co. Ltd.	Île Verte	Île Verte
Léclerc Peat Moss	La Baleine	Charlevoix
Michaud, A.	Île Verte	Île Verte
Quellet, E.	Île Verte	Île Verte
Québec Peat Moss Rep'd.	St-Guillaume D'Upton	St-Bonaventure
Rioux, Omer	St-Fabien	St-Fabien
Roy, Ernest	St-Fabien	St-Fabien
Saguenay Peat Moss Co. Ltd.	582, boul. Lamarche, Chicoutimi	Bagot Twp.
Smith Canadian Peat Inc.	St-Charles de Bellegarde	St-Charles de Bellegarde
Théberge & Frères	St-Fabien	St-Fabien
Théberge, Henri	St-Fabien	St-Fabien
Tourbe du St. Laurent Ltée	Rivière-du-Loup	Rivière-du-Loup
Tourbière Berger Inc.	St-Fabien	St-Fabien
Tourbière Clair Inc.	24 Carleton Ave., Baie Comeau	Baie Comeau
Tourbières Lambert Inc.	Rivière-Ouelle	Rivière-Ouelle
Tourbière de Pointe-au-Père	Mont-Joli	Pointe-au-Père
Tourbière du Port Ltée	St-Arsène	St-Arsène
Tourbière St-Alexandre	St-Alexandre	St-Alexandre
Tourbière de St-Fabien	St-Fabien	St-Fabien
Tourbières du Saguenay Ltée, Les	C.P. 11 St-Fabien	Les Escoumins
Tourbière Theberge Inc. (La)	St-Fabien	St-Fabien
Tourbière-Thibault	St-Fabien	St-Eugène
Ontario:		
Atkins & Durbrow (Erie) Ltd.	Port Colborne	Wainfleet Twp.
Amaranth Peat Products	Shelburne	Amaranth Twp.
Manitoba:		
Western Peat Co. Ltd.	Moss Spur	Moss Spur

List of Establishments classified to this Industry 1965 — Concluded

Name	Head office address	Location
Alberta:		
Banff Mining & Quarrying Ltd.	Evansburg	Evansburg
Noralta Peat Moss Products Ltd.	Alpen	Alpen
Peat Moss Organic Products Ltd.	Westlock	Westlock
British Columbia:		
Arkins & Durbrow Ltd.	401-1033 Davie St., Vancouver	Ladner
Blundell Peat Co. Ltd.	820 No. 6 Road, Richmond.....	No. 6 Road
Byrne Road Peat Farm	6350 McKay Ave., South Burnaby	Burnaby South
Coast Peat Co. Ltd.	736 Granville St., Vancouver	Pitt Meadows
Fraser River Peat Moss Ltd.	1070 S.E. Marine Drive, Vancouver	Richmond
Lulu Island Peat Co. Ltd.	261 No. 7 Road, R.R. 2, Richmond	Lulu Island
Meadowland Peat Ltd.	5070 Keith St., Burnaby	South Burnaby
North American Peat Ltd.	5280 Byrne Road, Burnaby	Burnaby
Northern Industries Ltd.	245 No. 8 Road, Richmond	Richmond
Richmond Peat Products Ltd.	245 No. 8 Road, Richmond	Lulu Island
Western Peat Moss Ltd.	Box 238, New Westminster	Delta Municipality

SUPPLEMENT

The following establishments classified to other industries, e.g., the Stone Quarries industry recover the commodity indicated.

New Brunswick:		
Grand Falls Peat Co. Ltd.	Box 157, Grand Falls	Grand Falls
Quebec:		
Bélanger, Alphonse	St-Arsène	St-Arsène
Bélanger, André	St-Fabien	St-Fabien
Bélanger, G.	St-Eugène Ladnière	St-Eugène Ladnière
Bélanger, Omer	St-Fabien	St-Fabien
Huot, Omer	St-Étienne	St-Étienne
R. & B. Moss & Peat Products	Waterville	Waterville
Roy, Benoît	St-Ulric	St-Ulric
Roy, Roméo	St-Ulric	St-Ulric
St. Marc Peat Moss Inc.	St-Marc-des-Carrières	St-Marc-des-Carrières
Ontario:		
Cooper, Alfred & Co. Ltd.	212 North May St., Fort William	Port William
Stratford Peat Moss Products	622 Downie St., Stratford	Stratford

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