

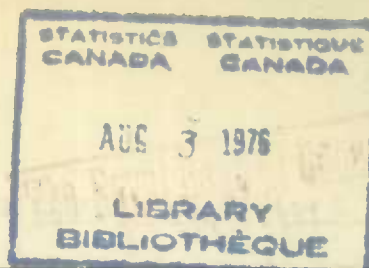
88.1
216
D
948

26-212 C.3

Historical File Copy



DOMINION BUREAU OF STATISTICS
Industry and Merchandising Division
OTTAWA



Published by Authority of the Rt. Hon. C. D. Howe, Minister of Trade and Commerce

A20

Price 25 cents

THE PEAT INDUSTRY IN CANADA, 1948

Production (shipments) of peat moss during 1948 amounted to 89,800 tons valued at \$2,767,878 (excluding the value of containers), compared with an output of 80,019 tons worth \$2,279,821 in 1947. In addition to the above, the production of peat fuel was 85 tons valued at \$850.

The greater portion of the Canadian production of peat moss was exported to the United States. Exports in 1948 amounted to 77,924 tons valued at \$2,946,923.

During 1948 peat was produced by 39 firms, of which 14 were in Quebec, 16 in British Columbia, 5 in Ontario, 3 in New Brunswick and 1 in Manitoba.

The 1,032 persons employed received \$1,532,977 in salaries and wages. The cost of fuel and electricity was \$111,677, and the value of containers and packing materials amounted to \$639,097.

Peat is the material produced by the incomplete decomposition of vegetable matter either in water or in the presence of water under such conditions that atmospheric oxygen is excluded. The character of the peat depends upon conditions under which it was formed and upon the nature of the vegetation that contributed to its formation. Many species of plants are found in peat bogs, the most abundant being: mosses, such as sphagnum and hypnum; marsh and heath plants; grasses, rushes, etc.; marine plants; and sometimes trunks, roots, and leaves of trees. Peat occurs in nature in two distinct forms, unhumified and humified, which differ markedly in physical properties and in chemical composition. Unhumified peat is the dead moss of the sphagnum plant, only slightly humified. It is fibrous, elastic, of light greyish green, or yellowish to light brown colour, becoming somewhat darker on drying. It has an absorptive value of up to twenty-five times its own weight. It is used as a bedding litter for animals, for horticultural purposes, and as a filler for fertilizers. Because of its elasticity and low heat conductivity, it is used for insulating and sound-proofing and as a packing material.

Humified or fuel peat in its natural state is dark brown to black, colloidal, plastic, homogeneous, and somewhat elastic. It dries into a hard solid mass of a specific gravity higher than water. It has almost no absorptive value. Peat moss left in its natural state will humify in course of time and all fibrous matter eventually disappears.

Note: This report was prepared in the Mining, Metallurgical and Chemical Section.

Nov '49

Peat

- 2 -

Table 1 - PRINCIPAL STATISTICS OF THE PEAT INDUSTRY IN CANADA, 1947 and 1948

| | 1947 | 1948 |
|--|--------------|--------------|
| Number of firms | 41 | 41 |
| Number of plants or bogs | 41 | 41 |
| Number of employees: On salary | 66 | 75 |
| On wages | 1,158 | 957 |
| Total | 1,224 | 1,032 |
| Salaries and wages: Salaries | \$ 157,340 | \$ 180,004 |
| Wages | \$ 1,444,925 | \$ 1,352,973 |
| Total | \$ 1,602,265 | \$ 1,532,977 |
| Selling value of products (gross) | \$ 2,808,639 | \$ 3,407,825 |
| Cost of fuel and electricity | \$ 91,450 | \$ 111,677 |
| Process supplies used | \$ 52,826 | \$ 59,297 |
| Cost of containers and packing materials | \$ 527,868 | \$ 639,097 |
| Selling value of products (net) | \$ 2,136,495 | \$ 2,597,754 |

Table 2 - PRINCIPAL STATISTICS, BY PROVINCES, 1947 and 1948

| Province | Number of firms | Number of employees | Salaries and wages | Cost of fuel, electricity, process supplies and containers | Production | | Gross selling value f.o.b. works (*) |
|----------------------------|-----------------|---------------------|--------------------|--|---------------------------|---------|--------------------------------------|
| | | | | | Tons of peat sold or used | As Moss | |
| | | | \$ | \$ | | | \$ |
| 1947 | | | | | | | |
| Quebec | 18 | 310 | 312,876 | 190,420 | ... | 21,293 | 549,411 |
| Ontario | 5 | 105 | 133,074 | 55,990 | 95 | 8,250 | 221,850 |
| Manitoba and New Brunswick | 3 | 84 | 106,244 | 88,406 | ... | 4,372 | 176,744 |
| British Columbia | 15 | 725 | 1,050,071 | 337,328 | ... | 46,104 | 1,860,634 |
| CANADA | 41 | 1,224 | 1,602,265 | 672,144 | 95 | 80,019 | 2,808,639 |
| 1948 | | | | | | | |
| Quebec | 16 | 347 | 383,418 | 234,500 | ... | 24,622 | 640,133 |
| Ontario | 5 | 120 | 167,133 | 56,081 | 85 | 7,261 | 239,247 |
| Manitoba and New Brunswick | 4 | 152 | 157,293 | 117,340 | ... | 6,421 | 274,907 |
| British Columbia | 16 | 413 | 825,133 | 402,150 | ... | 51,496 | 2,253,538 |
| CANADA | 41 | 1,032 | 1,532,977 | 810,071 | 85 | 89,800 | 3,407,825 |

(*) Includes cost of containers.

Table 3 - PRODUCTION (Shipments) OF PEAT FUEL AND PEAT MOSS IN CANADA, BY USES AND PROVINCES, 1947 and 1948

| Province | Peat Fuel | | P e a t M o s s | | | | | | | | | |
|-------------------------------|-----------|-----|-------------------|-----------|------------|-------|------------------------------|-----------|------------|-------|------------|-----------|
| | Tons | \$ | Horticulture | | Insulation | | Poultry and stable litter | | Other uses | | TOTAL MOSS | |
| | | | Tons | \$ | Tons | \$ | Tons | \$ | Tons | \$ | Tons | \$ (*) |
| <u>1 9 4 7</u> | | | | | | | | | | | | |
| Quebec | ... | ... | 11,884 | 205,676 | 393 | 9,263 | 8,959 | 163,526 | 57 | 5,330 | 21,293 | 383,795 |
| Ontario | 95 | 950 | 6,206 | 114,488 | ... | ... | 2,044 | 55,955 | ... | ... | 8,250 | 170,443 |
| Manitoba and New Brunswick | ... | ... | 1,293 | 33,095 | 2 | 59 | 3,039 | 103,405 | 38 | 675 | 4,372 | 137,234 |
| British Columbia | ... | ... | 21,613 | 781,632 | ... | ... | 24,491 | 806,717 | ... | ... | 46,104 | 1,588,349 |
| TOTAL | 95 | 950 | 40,996 | 1,134,891 | 395 | 9,322 | 38,533 | 1,129,603 | 95 | 6,005 | 80,019 | 2,279,821 |
| <u>1 9 4 8</u> | | | | | | | | | | | | |
| Quebec | ... | ... | 16,021 | 289,502 | 61 | 1,932 | 8,540 | 142,691 | ... | ... | 24,622 | 434,125 |
| Ontario | 85 | 850 | 4,604 | 98,289 | ... | ... | 2,657 | 91,158 | ... | ... | 7,261 | 189,447 |
| Manitoba and New Brunswick | ... | ... | 2,832 | 86,887 | ... | ... | 3,589 | 128,768 | ... | ... | 6,421 | 215,655 |
| British Columbia | ... | ... | 32,452 | 1,196,583 | 8 | 750 | 19,036 | 731,318 | ... | ... | 51,496 | 1,928,651 |
| TOTAL | 85 | 850 | 55,909 | 1,671,261 | 69 | 2,682 | 33,322 | 1,093,935 | ... | ... | 89,800 | 2,767,878 |

(*) Does not include cost of containers which were valued at \$527,868 in 1947 and \$639,097 in 1948.

Table 4 - PRODUCTION OF PEAT FUEL IN CANADA, 1941-1948

| Year | Short tons | \$ |
|------------|------------|-------|
| 1941 | 355 | 2,155 |
| 1942 | 172 | 1,204 |
| 1943 | 782 | 7,000 |
| 1944 | 644 | 5,397 |
| 1945 | 118 | 1,062 |
| 1946 | 145 | 1,305 |
| 1947 | 95 | 950 |
| 1948 | 85 | 850 |

Table 5 - PRODUCTION OF PEAT MOSS IN CANADA, 1941-1948

| Year | Short tons | \$ |
|------------|------------|-----------|
| 1941 | 14,345 | 390,509 |
| 1942 | 28,520 | 658,771 |
| 1943 | 64,360 | 1,461,422 |
| 1944 | 80,446 | 1,869,553 |
| 1945 | 83,963 | 2,011,139 |
| 1946 | 96,839 | 2,395,649 |
| 1947 | 80,019 | 2,279,821 |
| 1948 | 89,800 | 2,767,878 |

Table 6 - EXPORTS OF PEAT MOSS FROM CANADA, 1944-1948

| Year | Quantity tons | Value \$ |
|------------|------------------|-------------|
| 1944 | 63,944 | 2,105,370 |
| 1945 | 76,409 | 2,625,514 |
| 1946 | 81,940 | 2,892,563 |
| 1947 | 72,918 | 2,634,003 |
| 1948 | 77,924 | 2,943,923 |

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 size of these products.

Table 7 - WORKMEN, BY MONTHS, 1947 and 1948

| Month | 1947 Total | 1 9 4 8 | | | | Total |
|-----------------|---------------|---------|--------|----------------|--------|-------|
| | | Bog | | Dressing Plant | | |
| | | Male | Female | Male | Female | |
| January | 729 | 276 | 3 | 390 | 12 | 681 |
| February | 900 | 274 | 3 | 375 | 14 | 666 |
| March | 842 | 265 | 8 | 391 | 8 | 672 |
| April | 829 | 349 | 23 | 387 | 18 | 777 |
| May | 963 | 620 | 34 | 277 | 16 | 947 |
| June | 1,896 | 1,181 | 137 | 317 | 14 | 1,649 |
| July | 2,077 | 1,187 | 130 | 312 | 8 | 1,637 |
| August | 1,861 | 1,025 | 104 | 276 | 7 | 1,412 |
| September | 1,151 | 752 | 61 | 258 | 20 | 1,091 |
| October | 1,044 | 494 | 14 | 281 | 23 | 812 |
| November | 805 | 290 | 2 | 368 | 21 | 681 |
| December | 670 | 113 | ... | 308 | 16 | 437 |
| AVERAGE | 1,158 | 563 | 43 | 334 | 17 | 957 |

Table 8 - FUEL AND ELECTRICITY USED, 1947 and 1948

| Kind | Unit of measure | 1 9 4 7 | | 1 9 4 8 | |
|--|--------------------|-----------|------------------------|-----------|------------------------|
| | | Quantity | Cost at works \$ | Quantity | Cost at works \$ |
| | | | | | |
| Bituminous coal--Canadian | ton | 3,696 | 33,264 | 4,696 | 42,302 |
| Imported | ton | 8 | 124 | ... | ... |
| Gasoline | Imp.gal. | 81,853 | 24,720 | 98,005 | 29,958 |
| Kerosene or coal oil | Imp.gal. | 1,594 | 319 | 1,422 | 266 |
| Fuel oil | Imp.gal. | 8,105 | 1,377 | 8,438 | 2,106 |
| Wood | cord | 114 | 1,129 | 222 | 2,102 |
| Gas (manufactured) | M cu.ft. | ... | ... | 61 | 49 |
| Electricity purchased ... | k.w.h. | 2,790,165 | 30,517 | 3,067,057 | 34,894 |
| TOTAL | ... | ... | 91,450 | ... | 111,677 |
| Electricity generated for own use | k.w.h. | 17,050 | ... | 14,050 | ... |

Table 9 - POWER EQUIPMENT, 1948

| | Ordinarily in Use | | In Reserve or Idle | |
|---|-----------------------|-------------------------|-----------------------|-------------------------|
| | Number of units | Total horse power | Number of units | Total horse power |
| Diesel engines | 4 | 292 | 2 | 140 |
| Gasoline, gas and oil engines, other than Diesel engines | 121 | 4,831 | 9 | 392 |
| Electric motors run by purchased power | 158 | 1,930 | ... | ... |
| TOTAL | 283 | 7,053 | 11 | 532 |
| Electric motors run by own generated power | 3 | 9 | 2 | 1 |
| Stationary power boilers | 2 | 320 | ... | ... |
| Motor-generator sets | 4 | 30 | 1 | 5 |

DIRECTORY OF FIRMS IN THE CANADIAN PEAT INDUSTRY, 1948

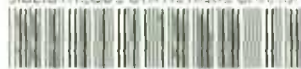
- (x) Active but no shipments made
 (a) Produces moss
 (b) Produces peat fuel
 (c) Produces humus

| Name of firm | Head Office address | Location of bog or plant |
|---------------------------------------|---|--------------------------|
| <u>New Brunswick -</u> | | |
| Atlantic Peat Moss Co. Ltd.(a) | 513 Rachel St. E., Montreal, Quebec | Gloucester |
| Fafard Peat Moss Co. (a) | Shippegan | Shippegan |
| Western Peat Co. Ltd. (a) | Box 899, New Westminster, British Columbia | Shippegan |
| <u>Quebec -</u> | | |
| Allied Peat Moss Corp. (a) | Cacouna | Cacouna |
| Deausejour Peat Moss (a) | St. Romald | St. Lambert |
| Bourque & Fils (a) | St. Marc des Carrières | St. Marc des Carrières |
| Excel Peat Ltd. (a) | 319 rue Lafontaine, Rivière-du-Loup | Isle aux Coudres |
| Dubois, Oscar (x) | Les Escoumains | Saguenay |
| Maple Leaf Peat Ltd. (a) | 303A Lafontaine St., Rivière-du-Loup | St. Antonin |
| R. & B. Moss & Peat Products(a) | Waterville | Waterville |
| Michaud, J. F. A. (a) | Isle Verte | Isle Verte |
| Premier Peat Moss Ltd. (a) | Isle Verte | Isle Verte |
| Perfect Peat Products (a) | 303 Lafontaine St., Rivière-du-Loup | St. Antonin |
| Quebec Peat Moss Co. (a) | St. Guillaume d'Upton | St. Bonaventure |
| Roy, Romeo (a) | St. Ulric | St. Ulric |
| Saguenay Peat Moss Co. Ltd.(a) | 187 Jacques Cartier, Chicoutimi | Bagot Tp. |
| Senneterre Peat & Moss Mines Ltd. (a) | Senneterre | Senneterre |
| Tourbières Rivière-Ouelle (a) | 2 Cote d'Abraham, Quebec | Rivière Ouelle |
| Tourbière de Pointe-au-Père(a) | Mont Joli | Pointe au Père |
| Trump Peat Products Ltd. (a) | Rivière du Loup | Rivière du Loup |
| Tourbière de St. Fabien | St. Fabien | St. Fabien |
| Tourbière de Rivière Blanche | Rivière Blanche | Matane Co. |
| <u>Ontario -</u> | | |
| Arctic Peat Moss Corp. Ltd.(a) | 200 Sterling Securities Bldg., Winnipeg, Manitoba | Crozier |
| Humar Corporation Ltd. (c) | Suite 1010, 100 Adelaide St.W., Toronto | Beverley Tp. |
| Atkins & Dubrow (Erie) Ltd.(a) | Box 500, Port Colborne | Wainfleet Tp. |
| Leasa Peat Works (a)(b) | 106 Britannia St., Stratford | Ellice Tp. |
| Pinewood Peat Inc. (a) | Barwich | Pinewood |
| Pringle, J. A. (x)(a) | Arden | Arden |
| <u>Manitoba -</u> | | |
| Winnipeg Supply & Fuel Co. Ltd. (a) | 812 Boyd Bldg., Winnipeg | Shelley |
| McCabe Bros. Grain Co. Ltd. | 980 Grain Exchange Bldg.,Winnipeg | Shelley |

DIRECTORY OF FIRMS IN THE CANADIAN PEAT INDUSTRY, 1948
(Concluded)

| Name of firm | Head Office address | Location of bog or plant |
|---------------------------------------|---------------------------------------|--------------------------|
| <u>British Columbia -</u> | | |
| Acme Peat Products Ltd. (a) | 789 W. Pender St., Vancouver | Lulu Island |
| Alouette Peat Products Ltd. (a) | Pitt Meadows | McTavish Road |
| Atkins & Durbrow | 317 Royal Bank Bldg., Vancouver | Delta |
| B.C. Peat Company Ltd. (a) | 302 Royal Bank Bldg., Vancouver | Delta |
| Byrnerood Peat Farm (a) | 2707 McKay Ave., New Westminster | Burnaby |
| Blundell Peat Co. Ltd. | 806 No. 6 Road, Vancouver | No. 6 Road |
| Coast Peat Co. Ltd. (a) | 736 Granville St., Vancouver | Burnaby |
| Columbia Products Ltd. (a) | Box 699, New Westminster | Lulu Island |
| Excelsior Peat Ltd. (a) | 7675 Olser Ave., Vancouver | Burnaby |
| Industrial Peat Co. (a) | Box 329, New Westminster | Delta Municipal- ity |
| Lulu Island Peat Co. Ltd. (a) | R.R. 2, Vancouver | Lulu Island |
| Nielsen, E., and W. F. (a) | R.R. 2, Vancouver | Westminster |
| Northern Peat Moss Co. Ltd. (a) | R.R. 2, Vancouver | Richmond Tp. |
| North American Peat | 209-744 Hastings St. W., Vancouver | Burnaby |
| Pacific Peat Products Ltd. (a) | 1137 W. Hastings St., Vancouver | R.R. 2, Vancouver |
| Richmond Peat Products Limited (a) | 814 Hall Bldg., Vancouver | Lulu Island |
| Western Peat Co. Ltd. (a) | Box 699, New Westminster | Lulu Island |

STATISTICS CANADA LIBRARY
BIBLIOTHEQUE STATISTIQUE CANADA



1010521830