

Survey on Peat uses (2015)



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The CSPMA Board agreed to gather data on the use of peat in order to improve the portrait of the industry and eventually help us to evaluate the larger economic impact of peat.

DATA COMPILED FROM THE FOLLOWING SOURCES:

- Data from CSPMA members (10 answers/16¹ = 62% of respondents only)

CALCULATION:

- The data received expresses the uses of peat according to different categories, as % of total sales volume in 2015.
- The total sales volume for 2015 was also asked to be able to weight the values to calculate the Canadian averages. However, a few respondents did not provide this value, and others provided it with various units (tons, m³, ft³, bales). After converting everything in tons (using a density² of 180 kg/m³), we realize that the results didn't make sense, probably because some values are reported in another unit not mentioned in the survey.
- We have decided to use the area under production as a proxy to weight the data. The 10 respondents represent 54% of the area under production in Canada (reported over a scale of 100%).

CATEGORIES OF USES

1. Professional market

- Floriculture (includes medicinal cannabis market)
- Fruits and vegetable cultivation
- Nursery
- Mushroom production
- Others (includes Professional product mix makers, Professional landscapers (Golf grade), Green wall and roof, Urban culture, Filtration, Absorbents, Bedding, Earthworm culture medium, etc.)

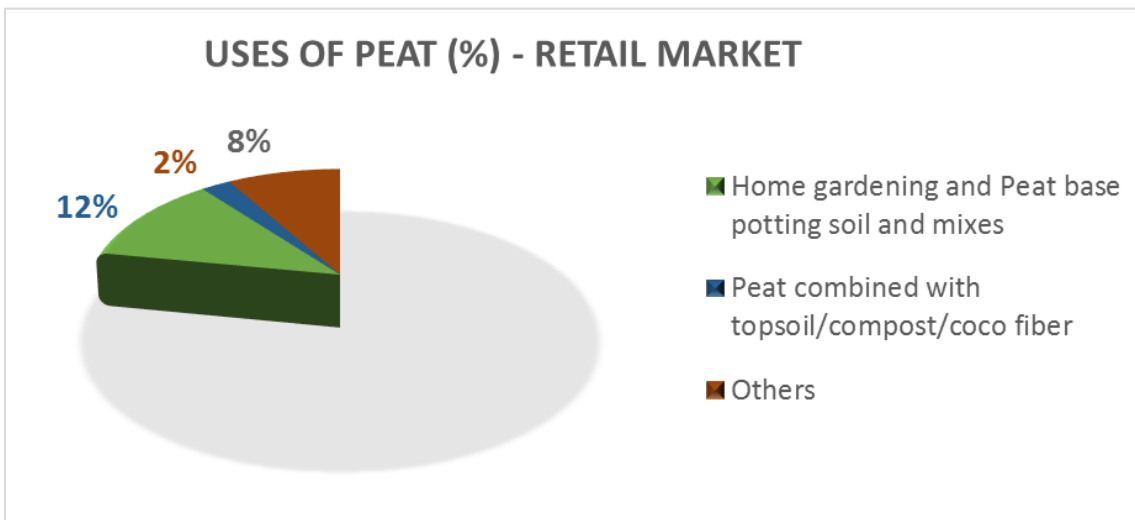
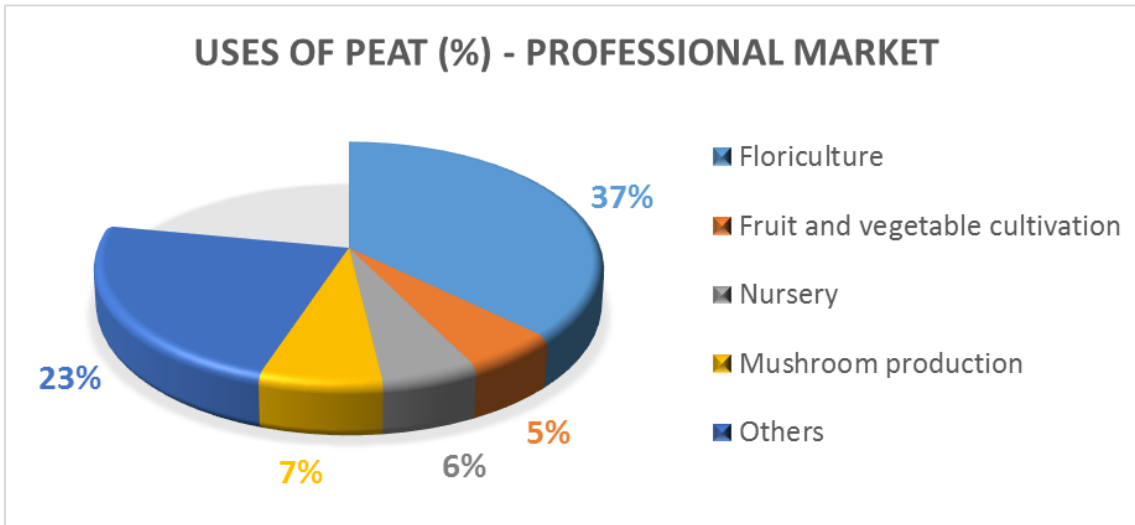
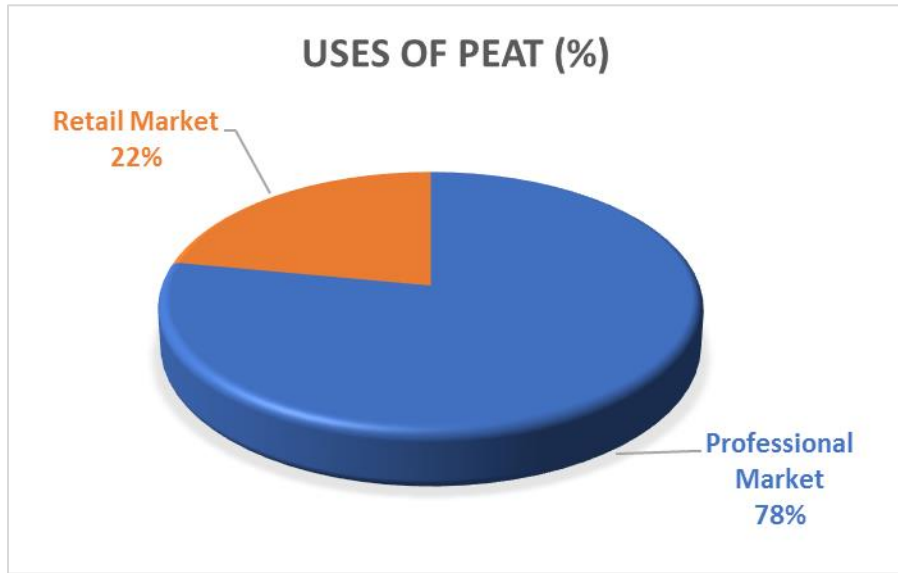
2. Retail market

- Home gardening and peat base potting soil and mixes
- Peat combined with topsoil/compost/coco fiber
- Others (includes retail product mix makers, peat containers and pellets, etc.)

¹ Note that one company is split in 4 divisions.

² We could have used different densities, but this value represents a compromise between values used by USGS for sphagnum peat moss (201-219 kg/m³) and values used in our first eLCA (100-150 kg/m³). EPAGMA eLCA also reports value of 180 kg/m³ for white peat (fresh density).

PROPOSED FIGURES



Uses of peat (2015)		% (weighted by ha)
1. Professional Market		
	Floriculture	37,0%
	Fruit and vegetable cultivation	5,4%
	Nursery	5,6%
	Mushroom production	7,1%
	Others	22,7%
2. Retail Market		
	Home gardening and Peat base potting soil and mixes	11,6%
	Peat combined with topsoil/compost/coco fiber	2,2%
	Others	8,2%
TOTAL		100%