

Product Information



Plantaflo® SAB Peat Moss

Application

This white peat is ideal for producing your own cultivation substrates, e.g. for special cultivations and acid loving plants. When used to enhance the soil, it increases the humus level and improves the storage capacity for water and nutrients.

Composition And Structure

Slightly decomposed Latvian high bog peat (white peat) fractioned by use of a star sieve. Available in various sieve fractions / grain sizes. Corresponding sieve fraction stated in the side fold of the packaging.

We supply the following sieve fractions:

Standard	0 - 40 mm
Fine	0 - 7 mm
Medium	7 - 20 mm
Coarse	20 - 40 mm

Specification

Degree of decomposition:	H2 - H5
Organic matter:	95 - 99 weight % (dry)
Total nitrogen (N):	approx. 1 weight % (dry)
Ash:	1 - 5 weight %
Water holding capacity:	45 - 55 vol. %
Exchange capacity:	100 - 150 mval / 100 g org. Matter (dry)
Volume / weight ratio:	60 - 90 g/l (dry)
Electrical Conductivity	< 170 μ S/cm
Humidity:	40 - 50 % approx.

Available Packaging

400 litres input (0,170 m ³ = 6,0 cbft)
340 litres input (0,150 m ³ = 5,3 cbft)
200 litres input (0,085 m ³ = 3,0 cbft)



SAB Syker Agrarberatungs- und Handels GmbH & Co.

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Chemical Properties

pH value (CaCl₂) approx. 3,0

pH value (H₂O) approx. 3,5

Salt level* (KCl) < 0,4 g/l

(* calculated from the conductivity of the humic acid)

Soluble Nutrients Available To The Plants (as per VDLUFA, Germany)

Nitrogen (N) < 50 mg/l

Phosphate (P₂O₅) < 30 mg/l

Potassium oxide (K₂O) < 40 mg/l

The peat is free of seeds, nematodes, and free of plant-injurious matters.

The value of radioactivity is below the value, which is permissible for food.

Without anorganic fertilizers.

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