



PROPAGATION Blocking substrates

— Stable press pots — Ideal for all blocking lines



RAW MATERIALS FOR BLOCKING SUBSTRATES

True Black peat moss Premium
highly decomposed, dark brown/black colour
Level of humification:
H6 - H8

extra fine (0 - 6 mm)

- Holding capacity of more than 400 times of its own weight,
- Retains both water and nutrients, 30-40% decrease in fertilizer consumption,
- Reduces frequency of irrigation by 50%,
- Improves seed germination and emergence to give plants an early health start,
- Promotes growth of white roots,
- Provides Aeration due to anti caking property,
- Works well both in case of scarcity and excess water condition,
- Restricts Algae and fungal growth.

Sod peat moss
vertically harvested from upper layers
Level of humification:
H2 - H4

fine (0 - 7 mm)

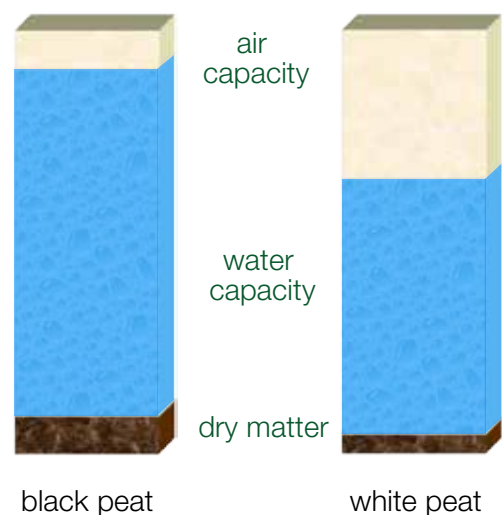
- Stores water and fertilisers
- Improves the drainage of water
- Supports the root system of sensitive plants to grow
- Long term structural stability
- Increased air capacity
- Creates a structural frame of substrate

Highly decomposed peat with significant amount of major growing stimulants like essential humic substances



- humic acid
- fulvic acid
- humin

Physical properties:

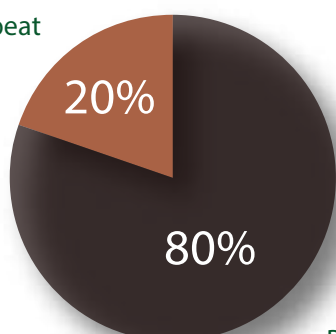


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Classic recipe

White peat



Black peat classic

Blocking Substrate is a fine-structure mix for blocking.

This is the mix for growing young vegetable and ornamental plants from the seed.

The peat moss has been screened, the particle size is 0-6 mm. For tenaciousness and for inhibiting water evaporation the substrate includes in majority black peat, added clay provides further tenaciousness. The substrate includes also a small part of white peat for root aeration and better water absorption.

pH of the substrate is adjusted to 5.2-6.0. For better rewetting, the substrate includes wetting agent. The substrate includes starter fertiliser, nutrient level is average to meet the needs of a very wide choice of plants.

Lightweight version



True black peat
excellent sticking properties



Clay 25 kg/m³

Sod (block)
peat moss

1. Principal components:

Sod peat fine grade

Black peat extra fine

water soluble nitrogen (N)	70 mg/l
water soluble phosphorus (P)	80 mg/l
water soluble potassium (K)	90 mg/l
Microelements helated	50 g/m ³
Wetting agent	100 g/m ³

Fertilizers

- with short raising period
- with a long raising period

0,5 - 0,8 kg / m³
0,8 - 1,2 kg / m³.

3. Humic substances:	0,4 (0,2-0,6) g/l
4. Acidity: pH	5.5 to 6.0 H ₂ O
6. Structure	0 - 7mm
7. Density	220 - 230 kg / m ³
8. Absorption 8-12 times its own weight of dry matter	
9. Volume in moment of bag fillings:	250; 5500 L (EN12580)





Propagation substrates, seedling and sowing

Advantages	Application	Substrate	product volume	quantity	structure
	2 – 7 cm  Trays	ORDINARY 100% White peat moss milled fine 0.8 kg NPK 14:16:18 + TE 100g Wetting agent pH 5,5-6,0	250 L 5500 L	540 22	
	2 – 7 cm  Trays	PLUG MIX Block (sod) peat fine structure Black milled peat White milled peat extra fine 0.8 kg NPK 14:16:18 + TE 100g Wetting agent pH 5,5 -6,0	250 L 5500 L	540 22	  
	2 – 7 cm  Trays	PLUS BLACK 80% White peat moss milled fine 20% Black peat extra fine 0.8 kg NPK 14:16:18 + TE 100g Wetting agent pH 5,5 -6,0	250 L 5500 L	540 22	 
	lightweight  Blocking substrate	70% Sod peat moss fine 30% Black peat extra fine 0.5 kg NPK 14:16:18 + TE Clay 25 kg/m3 Multicote (optional) 100g Wetting agent pH 5,5 -6,0	250 L 5500 L	540 22	 
	classic  Blocking substrate	80% Black peat milled extra fine 20% White peat extra fine 0.5 kg NPK 14:16:18 + TE 100g Wetting agent pH 5,5 -6,0	80 L 3000 L	800 22	 

