



BARA CLAY OXYWET

Bara Clay Oxywet is used as an additive in peat and cocoa based growth substrates. It is used as a natural wetting agent that keeps the peat moist and spreads the water in the substrate. This increases the oxygen levels in the growth container lower parts very fast.

Content:

Bara Clay Oxywet. Swedish Plateau Clay, RHP-certified.

Manufacturing:

Bara Clay is manufactured by Bara Mineraler AB. The clay has been crushed, granulated and heat treated in an oven.

Use:

Bara Clay Oxywet is used as an additive in peat-, wood fiber- and coco-based growth substrates. It is used as a natural wetting agent that keeps the peat moist and spreads the water in the substrate.

Dosage:

6-20 kg Bara Clay Oxywet per m³.

Physical properties:

Fraction	Powder
Grain size	<200 µm
Bulk density	880 kg/m ³

Biological properties:

Weeds	0-(2) nr/m ²
Harmful nematodes	0 nr/100 ml

Chemical properties:

CEC	20 - 25 meq/100g
Phosphate fixation	90-98 %
H ₂ S	No reaction
Dioxin (PCDD)(PCDF)	0,3 ng
P-AL	3 - 14 mg/100g
Na	0,3 - 0,8 mmol/l
Mn	0,1 - 0,5 µmol/l
Cl	0,3 - 1,3 µmol/l
B	<1 - 4,2 µmol/l

Packaging:

1000 kg BigBag, 20 kg bag (48 per pallet).

Environmental:

Case management is recommended in contact with the product. Wear suitable respiratory equipment: Use a half mask with particle filter P3.

The product is mine locally with minimal environmental impact and carbon emissions. Bara Clay Oxywet meets national environmental law requirements and is approved for use in accordance with EU regulations for organic production. Bara Clay Oxywet is certified by RHP.

Heavy metals:

Cr	41 - 49 mg/kg
Ni	28 - 73 mg/kg
Cu	22 - 52 mg/kg
Zn	73 - 139 mg/kg
As	6,1 - 9,6 mg/kg
Cd	0,11 - 0,35 mg/kg
Hg	0,03 - 0,5 mg/kg
Pb	17 - 25 mg/kg

Chemical composition mineral analysis:

Illite	35 %
Smectite and vermiculite	25 %
Quartz	20 %
Feldspar	10 %
Kaolinite	5 %
Glimmers and Goethite	5 %

Composition of the CEC and AEC:

Ca²⁺, Mg²⁺, K⁺, NH₄⁺, NO₃⁻, SO₄²⁻, PO₄³⁻

