

## Raw Material Composition

<b>ORGANIC compounds</b>	(mg/L)
Nitrogen	55-75
Phosphorus	5-10
Potassium	10-15
Magnesium	510-520
Calcium	4900-5100
Ferrum	1100-1300
Copper	1.5-2
Zinc	26-29
Manganese	50-55
Borrum	0.8
Chlorine	0
EC	4.5 (g/l)
pH	4.6-4.9
<b>HUMIC SUBSTANCES</b>	(g/L)
Total	245-262
Humic acids	189-194
Fulvic acids	54-56

Raw Material: Black peat (H6 to H8)  
 Bulk density: 450-500 kg/m3(EN)  
 Productions sites: Jaunsati, Engures.nov. Latvia  
 Structure: extrafine, fine  
 Organic matter: 87-89%  
 Special physical characteristics: good water retention, good drainage

Application: Soil improvement, lawn repairing, landscaping, hobby gardening  
 Application for mixed products: blocking substrate, propagation, trays

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.

adding just 20% of Black Layer Humuspeat to poor soil provides complete fertility and turns it into a growing media

### Application



Lawn installation, patching and complete repairing



Landscaping



Soil improvement, hobby gardening

## Black Layer Substrate ready to use or mix

### Substrate Composition and Characteristics

BLACK peat extra fine structure	100%
<b>FERTILIZER</b>	
Solar 13-24-28	1,0 kg /m3 mg/L
Total Nitrogen	200
Phosphorus (P)	160
Potassium (K)	230
Magnesium (Mg)	520
Calcium (Ca)	5100
Iron (Fe)	1200
Copper	1.75
Zinc	28
Manganese	52
Borrum	0.8
Chlorine	0

<b>HUMIC SUBSTANCES</b>	(g/L)
Total	245-262
Humic acids	189-194
Fulvic acids	54-56
EC values	1,25-1,35 mS/cm
pH	5,5-6
Bag weight	30-35 kg

Pack size 70 liter

Bags on pallet 33 pcs.

Bags in 40' containers 825 pcs.

Promotion price (1 bag) 2.19 EUR\*

Total per 1 container 1806,75 EUR\*

\* EXW price Tukums, LV-3129, Latvia

**Black Peat (humuspeat)**  
 highly decomposed, dark brown/black colour  
 Level of humification:  
 H6 - H8