

## Black peat moss for agriculture use ( Landscaping)

To whom it may concern

Quality Parameters for raised-bog Peat (RAL-GZ 250/5-2)		
Product :	Black peat	
Quality parameter		Range of values
<b>1. Physical properties</b>		
1.1 Type of raised bulk peat		1
1.2 Degree of decomposition according to von Post		H7-H9
1.2.1 Assessment of degree of decomposition		strongly decompost black peat
1.3 Moisture content (%-by-weight)		45-80%
1.4 Bulk density of organic matter (g/l)		220-380
1.5 Total pore volume 1)		95-97
1.6 Water capacity 1)		60-85
1.7 Air capacity 1)		14-55
<b>2. Chemical properties</b>		
2.1 pH value		3,8 – 4,5
2.2 Salinity (KCl) (g/l) ( EC: 0,05 - 0,2 mS/cm )		< 0.5
2.3 Soluble nutrients (available to plants) mg/ltr.		
2.3.1 - Nitrogen (NH4-N+NO3N)		<50
2.3.2 - Phosphorous (P2O5)		<30
2.3.3 - Potassium (K2O)		<40
2.4 Organic Matter		>97%
2.5 Ash content`s		< 5%