

Sphagnum white peat moss for agriculture use (Landscaping)

To whom it may concern.

Quality Parameters for raised-bog Peat (RAL-GZ 250/5-2)		
Product :	White peat	
Quality parameter		Range of values
1. Physical properties		
1.1 Type of raised bulk peat		1
1.2 Degree of decomposition according to von Post		H2-H4
1.2.1 Assessment of degree of decomposition		light decompost withe peat
1.3 Moisture content (%-by-weight)		45-80%
1.4 Bulk density of organic matter (g/l)		150-280
1.5 Total pore volume 1)		95-97
1.6 Water capacity 1)		60-85
1.7 Air capacity 1)		14-55
2. Chemical properties		
2.1 pH value		2,8-3,5
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%