

THE CHEMICAL COMPOSITION OF NATURAL ORIGIN PEAT

THE CHEMICAL COMPOSITION OF RAW PEAT

HUMIDITY	48,9 % (weight)
DRY MATERIAL	45,1 (weight)
ORGANIC MATTER	97,6 % (weight)
PH (H₂O)	3,5 - 4,5
EC MS/CM	0,34
ASH	2,96 % (weight)
DENSITY (DRY)	89 gr/L
TOTAL PORE VOLUME	92 % (weight)
AIR CAPACITY	25 - 35 % (volume)
WATER CAPACITY	55 % (volume)
SHRINKING	6 - 12 % (volume)

NUTRIENTS CONTENT MG/L

N	<5
P	<5
K	<14
CA	<285
MG	<79

PEAT AND PEAT BASE PRODUCTS

BASE SUBSTRATES

PRODUCT CODE	FRACTION (SCREENING)	PH EN13037	WETTING AGENT	PERLITE (%)	NPK FERTILIZER (KG/M3)	MICRONUTRIENTS
BS1	0-5	5.5-6.5	-	-	-	-
BS2	5-10					
BS3	0-10					
BS4	10-20					
BS5	20-40					
BS6	0-40					

LARGE FRACTION SUBSTRATES

PRODUCT	FRACTION (SCREENING)	PH EN13037	WETTING AGENT	PERLITE (%)	NPK FERTILIZER (KG/M3)	MICRONUTRIENTS
LF1	20-40	5.5-6.5	+	-	1	-
LF2	0-40				1	
LF3	10-20				1	



SUBSTRATES

SUBSTARTES FOR SEEDING

PRODUCT	FRACTION (SCREENING)	PH EN13037	WETTING AGENT	PERLITE (%)	NPK FERTILIZER (KG/M3)	MICRONUTRIENTS
S1	0-5	5.5-6.5	+	-	0.5	+
S2	0-5			-	1	
S3	5-10			-	0.5	
S4	5-10			-	1	
S5	0-10			-	0.5	
S6	0-10			-	1	
S7	5-10			10	0.5	
S8	0-10			10	0.5	
S9	5-10			10	1	
S10	0-10			10	1	
S11	10-20			-	1	
S12	10-20			10	1	
S13	0-20			-	1	
S14	0-20			-	2	
S15	0-40			-	1	
S16	0-40			10	1	

LAWN INSTALLATIONS

PRODUCT	FRACTION (SCREENING)	PH EN13037	WETTING AGENT	PERLITE (%)	NPK FERTILIZER (KG/M3)	SAND (KG/M3)
LAWN1	0-5	5.5-6.5	+	-	-	10
LAWN2	0-5				-	25
LAWN3	0-5				-	32
LAWNS4	0-10				0,5	-

PLANTING OF GREENERY

PRODUCT	FRACTION (SCREENING)	PH EN13037	WETTING AGENT	PERLITE (%)	NPK FERTILIZER (KG/M3)	MICRONUTRIENTS
PG1 (Park)	0-5	5.5-6.5	+	-	+	+
PG2 (Flowers)	0-5		+	-	+	
PG3 (Coniferous trees)	0-5		+	+	+	
PG4 (Geranium)	0-5		+	-	+	
PG4 (Garden)	0-5		+	-	+	

ACID PEAT MOSS FOR BLUEBERRIES

PRODUCT	FRACTION (SCREENING)	PH EN13037	WETTING AGENT	PERLITE (%)	NPK FERTILIZER (KG/M3)	MICRONUTRIENTS
BLU1	10-20	3.5-4.5	-	-	-	-
BLU2	0-40		-	-	-	-
BLU3	20-60		-	-	-	-

SUBSTRATE FOR STRAWBERRY PLANTS

PRODUCT	FRACTION (SCREENING)	PH EN13037	WETTING AGENT	PERLITE (%)	NPK FERTILIZER (KG/M3)	MICRONUTRIENTS
STR	0-20	5.5-6.5	+	-	+	+

SOME POPULAR VEGETABLES AND FRUITS SUBSTRATES

PRODUCT	FRACTION (SCREENING)	PH EN13037	WETTING AGENT	PERLITE (%)	NPK FERTILIZER (KG/M3)	MICRONUTRIENTS
VF1 (Tomatoes)	0-10	5.5-6.5	+	-	+	+
VF2 (Cucumber)	0-20		+	-	+	
VF3 (Courgette)	0-20		+	-	+	
VF4 (Spices)	0-10		+	+	+	
VF5 (Salad)	0-20		+	+	+	
VF5 (Onion)	0-20		+	+	+	
VF6 (Rosemary)	0-20		+	+	+	
VF7 (Basil)	0-20		+	-	+	
VF8 (Fruit trees)	0-40	+	-	+		