

MIKSKAAR GROWING TOGETHER



28 YEARS OF PEAT PRODUCTION FROM ESTONIAN PEATLANDS

High quality substrates, potting soils and peat moss for all plants All inclusive service from technical expertise to commercial advice

Certified highest quality directly from Estonia

Worldwide shipping to your door by sea and by land





PRODUCT CATALOGUE

Suggestions for use

Substrate for trays with extra small cells. High quality ready for use growing medium with new and improved extra fine screening quality and substrate stability. Made of Baltic peat with certified components. The mix is fertilised, pH is neutral, wetting agent is added. For seedlings of ornamental plants and vegetables

Chemical characteristics		
рН	5.5-6.5	
N	65-145 mg/l	
P ₂ O ₅	145-245 mg/l	
K ₂ O	185-305 mg/l	
EC	0.7 mS/cm	
Trace elements	included	

Physical properties	
Structure	0-5 mm
Density	140-160 kg/m³ or 180-200 kg/m³
Absorption	7-8 times its own weight of dry matter
Dry substance	80 g/l
Moisture	40-60%

Botanical characteristics		
Species	Sphagnum Sp	
Decomposition	H2-H4	
Organic matter content	Min 85%	
Ash content	Max 15%	

Logistical details				
Litres	Kg	Bags/ pallet	Bags/ 40HC	Bags/ truck
140	27	42	924	966
165	31	35	770	840
225	43	21	630	672
275	53	24	504	504
5600	1000	1	22	24













Suggestions for use

Seedling substrate with neutral pH and wetting agent. High quality ready for use growing medium made of fine Baltic peat with certified components. The mix is fertilised, pH is neutral, wetting agent is added.

For trays and small pots ø < 9 cm of ornamental plants and vegetables

Chemical characteristics		
рН	5.5-6.5	
N	65-145 mg/l	
P ₂ O ₅	145-245 mg/l	
K ₂ O	185-305 mg/l	
EC	0.7 mS/cm	
Trace elements	included	

Physical properties	
Structure	0-6mm
Density	140-160 kg/m ³ or
Absorption	7-8 times its own weight of dry
Dry substance	80 g/l
Moisture	40-60%

Botanical characteristics		
Species	Sphagnum Sp	
Decomposition	H2-H4	
Organic matter con-	Min 85%	
Ash content	Max 15%	

	Logistical o	details			
-	Litres	Kg	Bags/ pallet	Bags/ 40HC	Bags/ truck
	140	27	42	924	966
	165	31	35	770	840
	225	43	21	630	672
	275	53	24	504	504
	5600	1000	1	22	24











Suggestions for use

Seedling substrate with neutral pH and wetting agent. High quality ready for use growing medium made of fine Baltic black and white peat with certified components. The mix is fertilised, pH is neutral, wetting agent is added. For trays and small pots ø < 9 cm of ornamental plants and vegetables

Chemical characteristics		
рН	5.5-6.5	
N	135-225 mg/l	
P ₂ O ₅	140-230 mg/l	
K ₂ O	225-375 mg/l	
EC	0.7 mS/cm	
Trace elements	included	

Physical properties	
Structure	0-6 mm
Density	300-320 kg/m ³
Absorption	4-6 times its own weight of dry matter
Dry substance	80 g/l
Moisture	40-60%

Botanical characteristics		
Species	Sphagnum Sp	
Decomposition	H2-H7	
Organic matter content	Min 85%	
Ash content	Max 15%	

Logistical details					
Litres	Kg	Bags/ pallet	Bags/ 40HC	Bags/truck	
50	15	95	1995	1710	
70	22	51	1224	1080	
4500	1400	1	18	16	











Suggestions for use

Fine-structure mix for plants with elevated nutrient need

This is the mix for growing young vegetable and ornamental plants from the seed.

The substrate includes starter fertilizer, nutrient level is high to meet the needs of a very wide range of plants.

Chemical characteristics		
рН	5.5-6.5	
N	200-335 mg/l	
P ₂ O ₅	210-345 mg/l	
K ₂ O	335-420 mg/l	
EC	1.1 mS/cm	
Trace elements	included	

Physical properties	
Structure	0-6 mm
Density	305-345 kg/m ³
Absorption	4-6 times its own weight of dry matter
Dry substance	80 g/l
Moisture	40-60%

Botanical characteristics		
Species	Sphagnum Sp	
Decomposition	H2-H7	
Organic matter content	Min 85%	
Ash content	Max 15%	

Logistical	details			
Litres	Kg	Bags/ pallet	Bags/ 40HC	Bags/truck
50	15	95	1995	1710
70	22	51	1224	1080
4500	1500	1	18	16









Suggestions for use

Universal seedling and potting mix for trays with large cells and pots ø >12cm. High quality ready for use growing medium with new and improved screening quality and substrate stability. Made of Baltic peat with certified components. For ornamental plants and vegetables

Chemical characteristics		
рН	5.5-6.5	
N	150-250 mg/l	
P ₂ O ₅	260-435 mg/l	
K ₂ O	290-490 mg/l	
EC	1.1 mS/cm	
Trace elements	included	

Physical properties	
Structure	0-10 mm
Density	140-160 kg/m³ or 180-200 kg/m³
Absorption	7-8 times its own weight of dry matter
Dry substance	80 g/l
Moisture	40-60%

Botanical characteristics		
Species	Sphagnum Sp	
Decomposition	H2-H4	
Organic matter content	Min 85%	
Ash content	Max 15%	

Logistical details				
Litres	Kg	Bags/ pallet	Bags/ 40HC	Bags/ truck
140	27	42	924	966
165	31	35	770	840
225	43	21	630	672
275	53	24	504	504
5600	1000	1	22	24











Suggestions for use

Universal seedling and potting mix for trays with large cells and pots ø >12cm. High quality ready for use growing medium with new and improved medium screening quality and substrate stability. Made of Baltic peat with certified components. For ornamental plants and vegetables

Chemical characteristics		
рН	5.5-6.5	
N	150-250 mg/l	
P ₂ O ₅	260-435 mg/l	
K ₂ O	290-490 mg/l	
EC	1.1 mS/cm	
Trace elements	included	

Physical properties	
Structure	5-10 mm
Density	140-160 kg/m ³ or 180-200 kg/m ³
Absorption	7-8 times its own weight of dry matter
Dry substance	80 g/l
Moisture	40-60%

Botanical characteristics		
Species	Sphagnum Sp	
Decomposition	H2-H4	
Organic matter content	Min 85%	
Ash content	Max 15%	

Logistical details				
Litres	Kg	Bags/ pallet	Bags/ 40HC	Bags/ truck
140	27	42	924	966
165	31	35	770	840
225	43	21	630	672
275	53	24	504	504
5600	1000	1	22	24









Suggestions for use

Universal seedling and potting mix for pots ø >12cm. High quality ready for use growing medium with new and improved medium screening quality and substrate stability. Made of Baltic peat with certified components. For ornamental plants and vegetables

Chemical characteristics	
pH	5.5-6.5
N	150-250 mg/l
P ₂ O ₅	260-435 mg/l
K ₂ O	290-490 mg/l
EC	1.1 mS/cm
Trace elements	included

Physical properties	
Structure	6-20 mm
Density	140-160 kg/m³ or 180-200 kg/m³
Absorption	7-8 times its own weight of dry matter
Dry substance	80 g/l
Moisture	40-60%

Botanical characteristics		
Species	Sphagnum Sp	
Decomposition	H2-H4	
Organic matter content	Min 85%	
Ash content	Max 15%	

L	Logistical details				
L	itres	Kg	Bags/ pallet	Bags/ 40HC	Bags/ truck
	140	27	42	924	966
	165	31	35	770	840
	225	43	21	630	672
	275	53	24	504	504
	5600	1000	1	22	24













Suggestions for use

Substrate for long term growing in pots. High quality ready for use growing medium made of extra coarse Baltic peat with certified components. The mix is fertilised, pH is neutral, wetting agent is added.

Extra large pots and containers

Chemical characteristics	
рН	5.5-6.5
N	150-250 mg/l
P ₂ O ₅	260-435 mg/l
K ₂ O	290-490 mg/l
EC	1.1 mS/cm
Trace elements	included

Physical properties	
Structure	10-40 mm
Density	140-160 kg/m ³ or
Absorption	7-8 times its own weight
Dry substance	80 g/l
Moisture	40-60%

Botanical characteristics		
Species	Sphagnum Sp	
Decomposition	H2-H4	
Organic matter	Min 85%	
Ash content	Max 15%	

	Logistical details				
	Litres	Kg	Bags/ pallet	Bags/ 40HC	Bags/ truck
	225	43	21	630	672
	275	53	24	504	504
•	5600	1000	1	22	24









PROFESSIONAL SUBSTRATE MKSO FINE



Suggestions for use

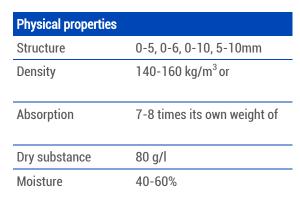
Base substrate with neutral pH and wetting agent, ready for mixing on site. High quality ready for use growing medium made of fine Baltic peat with certified components.

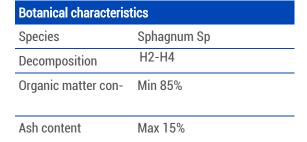
All types of containers and substrates.

Chemical characteristics		
рН	5.5-6.5	
N	10-30 mg/l	
P_2O_5	10-30 mg/l	
K ₂ O	10-30 mg/l	
EC	≤0,1 mS/cm	









Logistical details				
Litres	Kg	Bags/ pallet	Bags/ 40HC	Bags/ truck
140	27	42	924	966
165	31	35	770	840
225	43	21	630	672
275	53	24	504	504
5600	1000	1	22	24







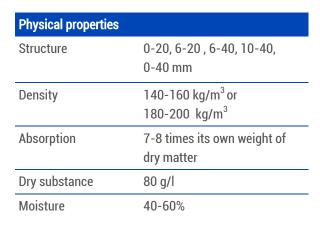
PROFESSIONAL SUBSTRATE MKSO COARSE

Suggestions for use

Base substrate with neutral pH and wetting agent, ready for mixing on site. High quality ready for use growing medium made of coarse Baltic peat with certified components.

All types of containers and substrates.

Chemical characteristics	
рН	5.5-6.5
N	10-30 mg/l
P ₂ O ₅	10-30 mg/l
K ₂ O	10-30 mg/l
EC	≤0,1 mS/cm



Botanical characteristics		
Species	Sphagnum Sp	
Decomposition	H2-H4	
Organic matter content	Min 85%	
Ash content	Max 15%	

Logistical details				
Litres	Kg	Bags/ pallet	Bags/ 40HC	Bags/ truck
140	27	42	924	966
165	31	35	770	840
225	43	21	630	672
275	53	24	504	504
5600	1000	1	22	24









Suggestions for use

Universal seedling and potting mix for acidophile plants. High quality ready for use growing medium with new and improved medium screening quality and substrate stability. Made of Baltic peat with certified components. The mix is fertilised, pH is 4.2-5.0, wetting agent is added. For acidophilic plants

Chemical characteristics		
рН	4.2-5.0	
N	65-145 mg/l	
P ₂ O ₅	145-245 mg/l	
K ₂ O	185-305 mg/l	
EC	0.7 mS/cm	
Trace elements	included	

Physical properties	
Structure	0-5, 0-6, 0-10 0-20, 6-20 6-40, 10-40 0-40 mm
Density	140-160 kg/m ³ or
Absorption	7-8 times its own weight of dry
Dry substance	80 g/l
Moisture	40-60%

Botanical characteristics			
Species	Sphagnum Sp		
Decomposition	H2-H4		
Organic matter con-	Min 85%		
Ash content	Max 15%		

Lo	Logistical details					
Lit	res	Kg	Bags/ pallet	Bags/ 40HC	Bags/truck	
	140	27	42	924	966	
	165	31	35	770	840	
	225	43	21	630	672	
	275	53	24	504	504	
	5600	1000	1	22	24	















PROFESSIONAL MICRO SUBSTRATE T22

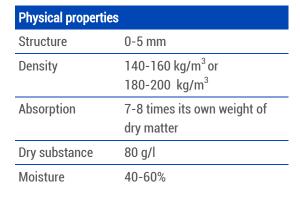
Suggestions for use

Seedling substrate for trays

- · Contains bioagents that promote plant growth
- Stimulates the development of the plant root system and improves nutrient uptake
- Increases plant resilience against pathogens and abiotic stress factors

MicroSubstrate creates a living eco-system where plants and micro-organisms enjoy a symbiotic beneficial relationship.

Chemical characteristics		
рН	5.5-6.5	
N	65-145 mg/l	
P ₂ O ₅	145-245 mg/l	
K ₂ O	185-305 mg/l	
EC	0.7 mS/cm	
Trace elements	included	



Botanical characteristics		
Species	Sphagnum Sp	
Decomposition	H2-H4	
Organic matter content	Min 85%	
Ash content	Max 15%	

Logistical details					
Litres	Kg	Bags/ pallet	Bags/ 40HC	Bags/truck	
140	27	42	924	966	
165	31	35	770	840	
225	43	21	630	672	
275	53	24	504	504	
5600	1000	1	22	24	















HOBBY RANGE UNIVERSAL POTTING



Suggestions for use

This is a universal seedling and potting mix for home

Chemical characteristics			
рН	5.2-6.0		
N	100-165 mg/l		
P ₂ O ₅	115-190 mg/l		
K ₂ 0	130-215 mg/l		
EC	0.7 mS/cm		
Trace elements	Trace elements included		



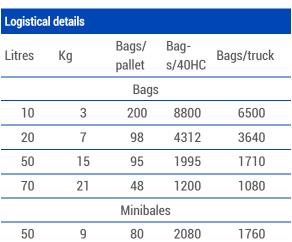


Physical properties	
Structure	fine
Density	300-320 kg/m ³
Dry substance	80 g/l
Moisture	40-60%
Moisture	40-60%













MIKSKAAR

HOBBY RANGE SPECIAL MIX

Geranium Mix for pelargonium, geranium, container plants in general and other plants with high nutrient need for long term growing. The mix includes neutral coarse peat, clay, wetting agent and starter fertiliser with trace elements.

Rhododendron Mix for rhododendron, erica, calluna, camelia, blue hydrangea, coniferous plants and other acidophilic plants. This is a ready to use peat mix that includes screened, peat with low pH, fertiliser with trace elements and wetting agent.

Cactus Mix for cacti and succulents. The mix includes neutralised peat, wetting agent, fertiliser with trace elements and mineral components that improve the drainage ability of the mix thus guaranteeing vigorous root development.

Natural peat for home use is either in 50 or 150L compressed bale. Natural white peat can be used for growing rhododendrons, blueberries and other plants, as raw material for your own growing media, for soil improvement.



Geranium Mix			
рН	5.2-6.0		
EC	0.6-1.2 mS/c	m	
Density	280 kg/m ³		
Litres	Bags/pallet	Bags/40HC	Bags/truck
20	98	4312	3640

Rhododendron Mix				
рН	4.2-5.0			
EC	0.4-0.8 mS/c	m		
Density	250 kg/m ³			
Litres	Bags/pallet	Bags/40HC	Bags/truck	
20	98	4312	3640	

Cactus Mix			
рН	6.2-6.5		
EC	0.4-0.8 mS/cm		
Density	400 kg/m ³		
Litres	Bags/pallet	Bags/40HC	Bags/truck
10	200	4400	4500

Natural peat					
рН	2.5-4.5				
EC	<0.1 mS/cm	<0.1 mS/cm			
Density	150-250 kg/m ³				
Litres	Bags/pallet	Bags/40HC	Bags/truck		
50	80	1760	2080		
150	42	924	966		











PROFESSIONAL PEAT MOSS

Suggestions for use

Natural Baltic Sphagnum Sp. peat moss. Screened and packed for soil improvement, for mixing substrates for plants and as growing medium for plants.

Chemical characteristics		
рН	3.0-5.0	
N	8-20 mg/l	
P ₂ O ₅	3-7 mg/l	
K ₂ O	1-2 mg/l	
EC	<0.1 mS/cm	

Physical properties	
Structure	0-5, 0-6, 0-10, 5-10, 0-20, 6- 20, 6-40, 10-40, 0-40, 20-40 mm
Density	140-160 kg/m³ or 180-200 kg/m³
Absorption	7-8 times its own weight of d.m.
Dry substance	80 g/l
Moisture	40-60%

Botanical characteristics			
Species	Sphagnum Sp		
Decomposition	H2-H4		
Organic matter content	Min 85%		
Ash content	Max 15%		

Logistical details						
Litres	Kg	Bags/ pallet	Bags/ 40HC	Bags/ truck		
140	27	42	924	966		
165	31	35	770	840		
225	43	21	630	672		
275	53	24	504	504		
5600	1000	1	22	24		



















PROFESSIONAL PEAT MOSS 340 /400

Suggestions for use

Natural Baltic Sphagnum Sp. peat moss. Screened and packed for soil improvement, for mixing substrates for plants and as growing medium for plants.

Chemical characteristics		
рН	3.0-5.0	
N	8-20 mg/l	
P ₂ O ₅	3-7 mg/l	
K ₂ O	1-2 mg/l	
EC	<0.1 mS/cm	

Physical properties	
Structure	0-5, 0-6, 0-10, 5-10, 0-20, 6- 20, 6-40, 10-40, 0-40,
Density	140-160 kg/m³ or 180-200 kg/m³
Absorption	7-8 times its own weight of d.m.
Dry substance	80 g/l
Moisture	40-60%

Botanical characteristics		
Species	Sphagnum Sp	
Decomposition	H2-H4	
Organic matter content	Min 85%	
Ash content	Max 15%	

Logistical details					
Litres	Kg	Bags/ pallet	Bags/ 40HC	Bags/ truck	
340	43	21	630	672	
400	53	24	504	504	
5600	1000	1	22	24	



















