



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

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PRODUCT CATALOGUE

PROFESSIONAL SUBSTRATE MXS

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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

pH	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/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





PROFESSIONAL SUBSTRATE MKS1

Download catalogue here:



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 $\varnothing < 9$ cm of ornamental plants and vegetables

Chemical characteristics

pH	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 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 MPS 1

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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 $\varnothing < 9$ cm of ornamental plants and vegetables

Chemical characteristics

pH	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





PROFESSIONAL SUBSTRATE MPS11

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

pH	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



PROFESSIONAL SUBSTRATE MKS11

Download catalogue here:



Suggestions for use

Universal seedling and potting mix for trays with large cells and pots $\varnothing > 12\text{cm}$. 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

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	0-10 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



PROFESSIONAL SUBSTRATE MKS12

Download catalogue here:



Suggestions for use

Universal seedling and potting mix for trays with large cells and pots $\varnothing > 12\text{cm}$. 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	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



PROFESSIONAL SUBSTRATE MKS2

Download catalogue here:



Suggestions for use

Universal seedling and potting mix for pots \varnothing >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/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





PROFESSIONAL SUBSTRATE MXL

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

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	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

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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

pH	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

Physical properties

Structure	0-5, 0-6, 0-10, 5-10mm
Density	140-160 kg/m ³ or
Absorption	7-8 times its own weight of
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 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

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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

pH	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

Physical properties

Structure	0-20, 6-20 , 6-40, 10-40, 0-40 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



PROFESSIONAL SUBSTRATE MKS3

Download catalogue here:



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

pH 4.2-5.0

N 65-145 mg/l

P₂O₅ 145-245 mg/l

K₂O 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/m³ 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 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 MICRO SUBSTRATE T22

Download catalogue here:



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

pH 5.5-6.5

N 65-145 mg/l

P₂O₅ 145-245 mg/l

K₂O 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





HOBBY RANGE UNIVERSAL POTTING

Download catalogue here:



Suggestions for use

This is a universal seedling and potting mix for home

Chemical characteristics

pH	5.2-6.0
N	100-165 mg/l
P ₂ O ₅	115-190 mg/l
K ₂ O	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%

Botanical characteristics

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

Logistical details

Litres	Kg	Bags/ pallet	Bag- s/40HC	Bags/truck
Bags				
10	3	200	8800	6500
20	7	98	4312	3640
50	15	95	1995	1710
70	21	48	1200	1080
Minibales				
50	9	80	2080	1760





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.

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

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.

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

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.

Cactus Mix			
pH	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 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.

Natural peat			
pH	2.5-4.5		
EC	<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

Download catalogue here:



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

pH	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/m ³ or 180-200 kg/m ³
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

Download catalogue here



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

pH	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/m ³ or 180-200 kg/m ³
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

