



HORTIMED

HORTIMED PEAT





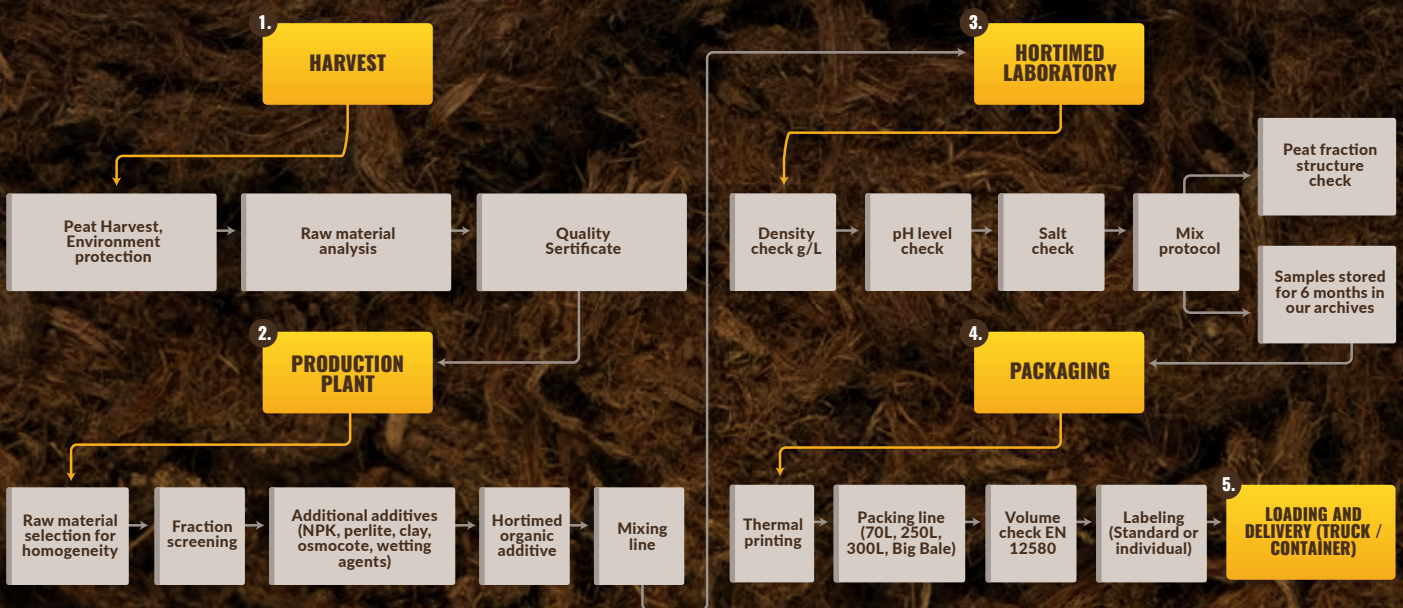
ABOUT HORTIMED

HORTIMED is a premier producer of high-quality innovative peat products for professionals around the world. We strive to develop new and original peat products, including natural peat moss, organic peat substrates, soil conditioners, and liquid growth enhancers. Enriching these products with our unique, organic lake mud additive gives outstanding results and boosts our product quality and environmental sustainability to another level.

HORTIMED Natural white peat is selected from high quality Latvia peat moss and is widely used in horticulture, flower farming, vegetable growing and cattle raising. Our peat moss is useful for different berry types, vegetables, flowers and other plants, that thrive under acidic conditions.

Peat moss:

- serves as the upper layer of soil to enhance growth/recovery of lawns and flower beds;
- improves physical/biochemical qualities of clay/sand;
- covers soil added to trunks base (for fruits/decorative trees/shrubs).





NATURAL PEAT

HORTIMED Natural Peat is considered as one of the best in the world. Experience and professional producing processes contribute to the overall product stability and unchanged quality. Throughout the years we have been improving every production process, to achieve the best result for the end customer. HORTIMED offers a wide range of natural peat products, that do not consist of any additives or added chemical ingredients, meaning that the product is fully natural, and can be mixed with any other substances, according to customer needs. Natural peat is widely used for gardening, for soil improvements, and mulching.



WHAT IS PEAT MOSS

Sphagnum peat moss is a natural, ecological soil conditioner, that regulates air and moisture around plant improved and efficient growing conditions. Peat moss usually is compared to a sponge, because of the unique cellular structure and attributes consisting of large cavities that can easily absorb water and air.

BENEFITS OF PEAT MOSS

- **SAVING WATER** Peat moss can retain to 20 times its weight of water
- **IMPROVING CLAY SOIL** Peat moss loosens up and ventilates this type of soil
- **BINDING SANDY SOIL** Peat moss helps to create structure for sandy soil and preserve moisture and necessary nutrients
- **PROTECTING SOIL** Peat moss protects soil from hardening and adds many organic materials to soil
- **IMPROVING COMPOST QUALITY** Peat moss speeds up the composting processes, controls water and air in the compost, and reduces odours
- **REDUCING LEACHING** Peat moss releases nutrients slowly and gradually over time, therefore, reducing the amounts of chemical fertilizer use

PEAT MOSS FROM LATVIA IS CONSIDERED TO BE ONE OF THE BEST QUALITY IN THE WORLD

Our specific location of our peat moss fields and factories, and climate, allows the peat to receive all the necessary ingredients, to result into a superb product. Our unique position on the map results into unique and very qualitative peat products, that can be used for many practises and is used all around the world. We at HORTIMED specialize in the highest quality harvesting processes as well as continuous improvements for successful and valuable product creation and progress.

NATURAL PEAT SPECIFICATIONS

Available Bag Sizes

250, 300 and 6000 Liters bags



MOISTURE
40%-60%



PH LEVEL
2,5-4,5



EC LEVEL
< 0.2 mS/cm

NATURAL WHITE MILLED PEAT

RAW1

0-5 mm



RAW2

0-10 mm



NATURAL PEAT

RAW3

0-20 mm



RAW4

0-40 mm



RAW5

5-20 mm



RAW6

10-20 mm



RAW7

20-40 mm



RAW8

40-100 mm



NATURAL BLACK MILLED PEAT

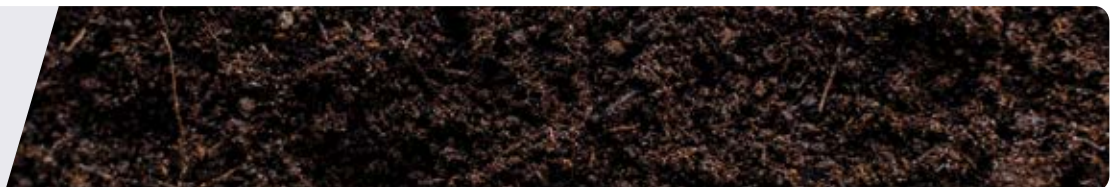
RAWB1

0-5 mm



RAWB2

0-20 mm







HORTIMED

PEAT SUBSTRATES

HORTIMED peat moss substrates are products with the highest quality and standards. Our main advantage is that for the substrate production, we use different types of peat moss, from various fields, meaning that we always can control and balance the required humidity, consistency, sustainability and firmness of our products. For all substrate products in our production line we add block peat. Because of the harvesting processes, block peat is much better in structure, more stable and lasts longer. With our special Block Peat screener we adjust the necessary proportions for all substrate products, meaning that it cuts the blocks, rather than grinding, to maximally maintain the block peat structure. This ensures unchanged quality and stability throughout all year and long-term efficiency.

HORTIMED professional peat substrates recipes have been appreciated by the clients, improved and proven in several test trials as very efficient, natural and will meet the highest growing standards.

All our products are subject to the strongest quality control standards in every stage of production. Starting from harvesting processes, raw material selection, product mixing, until the final packaging and delivery.

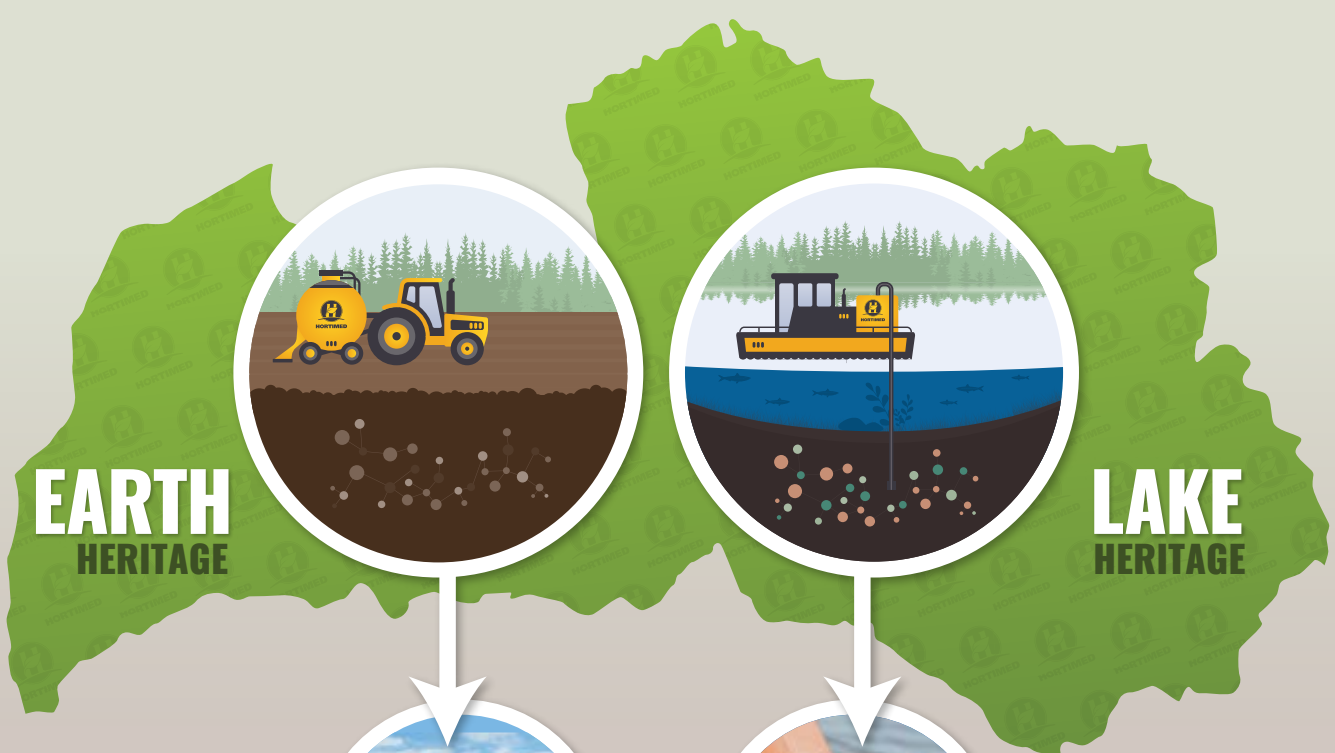


NEW WAY OF HORTICULTURE

**According to Yale & Colombia
universities' research Latvia is the
Second Greenest Country in the world.**

Rivers, forests, lakes and clean air - all of this gives us a priceless environment. We, however, have learned that this unique environment, beautiful location, and nutritionally rich habitat, can give us also biologically clean peat and sapropel, which is full of vitamins, amino and humic acids and have very large nutritional value.





EARTH HERITAGE

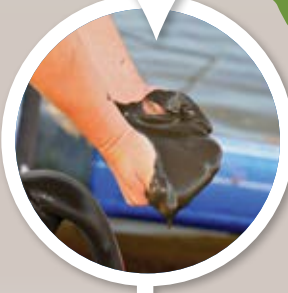
LAKE HERITAGE

PEAT MOSS

Natural Baltic White Peat Moss
 Only from high raised Bogs H1 - H3
 Natural Baltic Black Peat Moss H6 - H8
 Block Peat / Milled peat



COMBINE



SAPROPEL

Humic, Fulvic, Amino Acids
 All necessary Enzymes
 Full Macro & Microelement complex
 Essential Good Bacteria
 90%+ Organic Matter

Baltic Peat Moss needs no introduction. It is known to everyone that it is one of the best peat moss types in the world.

The new player is the Hortimed Special organic additive. It is harvested from the most organic and cleanest lakes of Latvia in protected nature areas.

HERE ARE JUST A FEW FACTS ABOUT SAPROPEL

- Hortimed lake mud contains natural humic complex, like humic, fulvic and amino acids, which significantly improves soil structure and stimulate growth of plants
- Hortimed lake mud is 15-20 times more effective than any other organic compound used as a fertilizer
- It has the ability to create humus in soil types that have low concentration of natural materials

- Specific microorganisms in Hortimed lake mud are able to revive "dead soil" and give it highly fertile properties by forming soil humus
- Hortimed lake mud is harvested using advanced Hortimed technologies; it contains active microorganisms which promote intensive plant growth
- Many causative agents of plant diseases are distributed through organic fertilizers, but there are no pathogenic organisms in Hortimed lake mud.

COMPLETE GROWTH SYSTEM!



COMBINE



MILLED PEAT

Harvesting milled peat requires milling a few centimeters of the peat fields, which are leveled and drained beforehand. The loosened layer is turned repeatedly. The dry, loose peat is then pulled or shoved together into a small pile and afterwards vacuum harvesters collect and transport it to larger stockpiles. Although milled peat is cheaper to harvest than block peat, it generally has a larger amount of fine granulation.



BLOCK PEAT

Block Peat refers to the machine extraction of peat blocks by white peat cutting machines. The peat blocks or sods must dry in the field for at least one year in order to reduce the moisture content from 90% to about 40-60%. In the factory, the peat blocks are sliced and sieved into various fractions.





HORTIMED

PREMIUM SUBSTRATES

HORTIMED PREMIUM PEAT MOSS SUBSTRATE is a mixture of natural white peat moss (H1-H3), black sphagnum peat moss (H5-H7) and is enriched with our unique and special ingredient - HORTIMED organic lake mud, which is gathered from protected areas. For Premium peat moss substrates our HORTIMED organic additive of Lake Mud brings substrate product efficiency to another level. As well as our special Lake Mud additive, we also add other necessary ingredients, like Clay, Perlite, Osmocote and Block peat. Our products are greener, more organic, more efficient.

HORTIMED Premium substrates are pH balanced and enriched with all the necessary additives and nutrients for a successful and efficient growing process, like NPK (Nitrogen, Phosphorus, Potassium), Clay, Wetting Agent, Microelements, Perlite and Block Peat. The HORTIMED Premium peat substrate products are unique because of the included organic additives. Our special supplements have been tested for years and we have found a solution to achieve consistency and to maintain qualitative products all year long for customers in every region in the world. Our Premium substrates have the advantage over other products in the market, because of the continuous efficiency, stability and increased sustainability, as our fractions are much firmer, productivity lasts for longer time and overall quality of the product is unchanged throughout the seasons.





HORTIMED

HMP1 80/20

Basic seeding substrate

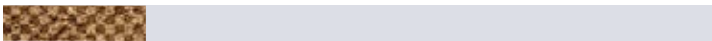
Fraction size: 0-5mm

Physical characteristics

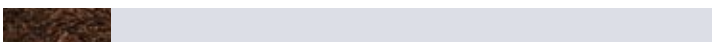
White milled peat 60%



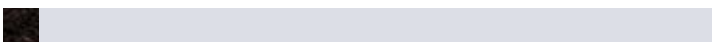
White block peat 20%



Black milled peat 15%



Hortimed additive 5%



BAG SIZE	50L	70L	250L	300L	5000L
BAG WEIGHT*	10,50 KG	14,70 KG	52,50 KG	63 KG	1050 KG

* Weight is approximate

Chemical characteristics



CONDUCTIVITY
EC 0,5 - 0,9 MS/CM



PH LEVEL
5,5-6,5 (H2O)



WETTING AGENT
1L/m³

FERTILIZER	NPK fertilizer 14-16-18	0,8 kg/m ³
	Radigen:	50 grams/m ³
	LDZ:	250 grams/m ³

Application



For propagation and plants with higher nutrition requirement.



2-8 cm



Seedlings, vegetable, fruit propagation, cuttings.



Physical characteristics

White milled peat 35%



White block peat 15%



Black milled peat 45%



Hortimed additive 5%



BAG SIZE	50 Litre	70 Litre
BAG WEIGHT*	15 KG	21 KG

* Weight is approximate

Chemical characteristics



CONDUCTIVITY
EC 0,5 - 0,9 MS/CM






PH LEVEL
5,5-6,5 (H2O)



WETTING AGENT
1L/m³

FERTILIZER	NPK fertilizer 14-16-18	0,8 kg/m ³
	Radigen:	50 grams/m ³
	LDZ:	250 grams/m ³

Application

-  For propagation in seed trays.
-  2-8 cm
-  Seedlings, vegetable, fruit propagation, cuttings.





HORTIMED

HMP1 BLOCKING

Blocking substrate

Fraction size: 0-5mm

Physical characteristics

White milled peat 20%



White block peat 10%



Black milled peat 65%



Hortimed additive 5%



BAG SIZE	50 Litre	70 Litre
BAG WEIGHT*	16 KG	22,40 KG

* Weight is approximate

Chemical characteristics



CONDUCTIVITY
EC 0,5 - 0,9 MS/CM



PH LEVEL
5,5-6,5 (H2O)



WETTING AGENT
1L/m³

FERTILIZER	NPK fertilizer 14-16-18	0,8 kg/m ³
	Radigen:	50 grams/m ³
	LDZ:	250 grams/m ³

Application



For seedlings, ornamental, young plants in blocks.



2-8 cm



Vegetables, young plants.



Physical characteristics

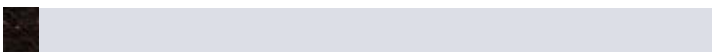
White milled peat **75%**



White block peat **20%**



Hortimed additive **5%**



BAG SIZE	50L	70L	250L	300L	5800L
BAG WEIGHT*	10 KG	14 KG	50 KG	60 KG	1160 KG

* Weight is approximate

Chemical characteristics



CONDUCTIVITY
EC 0,5 - 0,9 MS/CM



PH LEVEL
5,5-6,5 (H2O)



WETTING AGENT
1L/m³

FERTILIZER	NPK fertilizer 14-16-18	0,8 kg/m ³
	Radigen:	50 grams/m ³
	LDZ:	250 grams/m ³

Application



For propagation and plants with basic nutrition requirement.



2-8 cm



Seedlings, vegetable, fruit propagation, cuttings.





HORTIMED

HMP2 80/20

Basic seeding substrate

Fraction size: 0-10mm

Physical characteristics

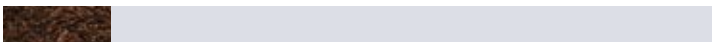
White milled peat 60%



White block peat 20%



Black milled peat 15%



Hortimed additive 5%



BAG SIZE	50L	70L	250L	300L	5000L
BAG WEIGHT*	10,50 KG	14,70 KG	52,50 KG	63 KG	1050 KG

* Weight is approximate

Chemical characteristics



CONDUCTIVITY
EC 0,5 - 0,9 MS/CM



PH LEVEL
5,5-6,5 (H2O)



WETTING AGENT
1L/m³

FERTILIZER	NPK fertilizer 14-16-18	0,8 kg/m ³
	Radigen:	50 grams/m ³
	LDZ:	250 grams/m ³

Application



For propagation and plants with higher nutrition requirement.



2-8 cm



Seedlings, vegetable, fruit propagation, cuttings.



Physical characteristics

White milled peat 60%



White block peat 20%



Black milled peat 15%



Hortimed additive 5%



BAG SIZE	50L	70L	250L	300L	5800L
BAG WEIGHT*	10,50 KG	14,70 KG	52,50 KG	63 KG	1218 KG

* Weight is approximate

Chemical characteristics



CONDUCTIVITY
EC 0,5 - 0,9 MS/CM




PH LEVEL
5,5-6,5 (H₂O)





WETTING AGENT
1L/m³

FERTILIZER	NPK fertilizer 14-16-18	1,2 kg/m ³
	Radigen:	50 grams/m ³
	LDZ:	250 grams/m ³

Application

 For potting and ornamental plants with basic nutrition requirement.

 8-14 cm

 Vegetable, fruit, strawberry, garden and flower plants.

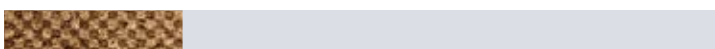


Physical characteristics

White milled peat **70%**



White block peat **25%**



Hortimed additive **5%**



BAG SIZE	50L	70L	250L	300L	5800L
BAG WEIGHT*	9.5 KG	13.3 KG	47.5 KG	57 KG	1100 KG

* Weight is approximate

Chemical characteristics



CONDUCTIVITY
EC 0,5 - 0,9 MS/CM






PH LEVEL
5,5-6,5 (H2O)



WETTING AGENT
1L/m³

FERTILIZER	NPK fertilizer 14-16-18	1,2 kg/m ³
	Radigen:	50 grams/m ³
	LDZ:	250 grams/m ³

Application

-  For potting and landscaping.
-  >14 cm
-  Vegetables, fruits, blueberries, landscaping.

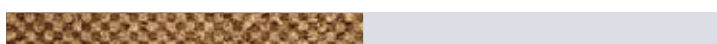


Physical characteristics

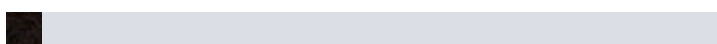
White milled peat **42%**



White block peat **50%**



Hortimed additive **5%**



Clay **3%**



BAG SIZE	50L	70L	250L	300L	5800L
BAG WEIGHT*	9 KG	12.60 KG	45 KG	54 KG	1050 KG

* Weight is approximate

Chemical characteristics



CONDUCTIVITY
EC 0,5 - 0,9 MS/CM




PH LEVEL
5,5-6,5 (H2O)





WETTING AGENT
1L/m³

FERTILIZER	NPK fertilizer 14-16-18	1,2 kg/m ³
	Radigen:	50 grams/m ³
	LDZ:	250 grams/m ³

Application

 For foliate plants in containers, with longer growth period.

 >14 cm

 Dracaena, Ficus, Gerbera.





HORTIMED

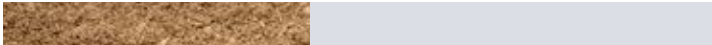
HMP5 BLOCK PEAT

MEDITERRANEAN plant container substrate

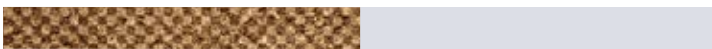
Fraction size: 10-40mm

Physical characteristics

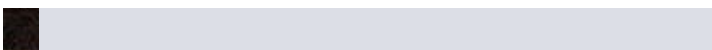
White milled peat **45%**



White block peat **50%**



Hortimed additive **5%**



BAG SIZE	50L	70L	250L	300L	5800L
BAG WEIGHT*	9 KG	12.60 KG	45 KG	54 KG	1050 KG

* Weight is approximate

Chemical characteristics



CONDUCTIVITY
EC 0,5 - 0,9 MS/CM



PH LEVEL
5,5-6,5 (H2O)



WETTING AGENT
1L/m³

FERTILIZER	NPK fertilizer 14-16-18	1,2 kg/m ³
	Radigen:	50 grams/m ³
	LDZ:	250 grams/m ³

Application



For foliate plants in containers, with longer growth period.



>14 cm



Dracaena, Ficus, Gerbera.



Physical characteristics

White milled peat 60%



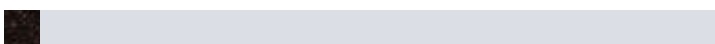
White block peat 20%



Black milled peat 15%



Hortimed additive 5%



BAG SIZE	50L	70L	250L	300L	5800L
BAG WEIGHT*	10 KG	14 KG	50 KG	60 KG	1160 KG

* Weight is approximate

Chemical characteristics



CONDUCTIVITY
EC 0,5 - 0,9 MS/CM




PH LEVEL
5,5-6,5 (H2O)





WETTING AGENT
1L/m³

FERTILIZER	NPK fertilizer 14-16-18	1,2 kg/m ³
	Radigen:	50 grams/m ³
	LDZ:	250 grams/m ³

Application

 For foliate plants in containers, with longer growth period.

 >14 cm

 Dracaena, Ficus, Gerbera.





HORTIMED

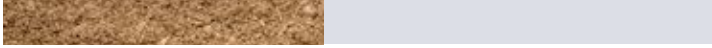
HMP7 BLOCK PEAT

Standard container substrate

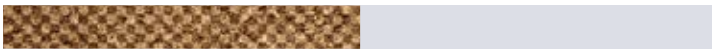
Fraction size: 10-40mm

Physical characteristics

White milled peat **45%**



White block peat **50%**



Hortimed additive **5%**



BAG SIZE	250 Litre	300 Litre	5800 Litre
BAG WEIGHT*	45 KG	54 KG	1044 KG

* Weight is approximate

Chemical characteristics



CONDUCTIVITY
EC 0,5 - 0,9 MS/CM



PH LEVEL
5,5-6,5 (H2O)



WETTING AGENT
1L/m³

FERTILIZER	NPK fertilizer 14-16-18	1,4 kg/m ³
	Radigen:	50 grams/m ³
	LDZ:	250 grams/m ³

Application



For trees and shrubs, For bigger plants with longer growth period and higher nutrition requirements.



>16 cm



Trees and shrubs.





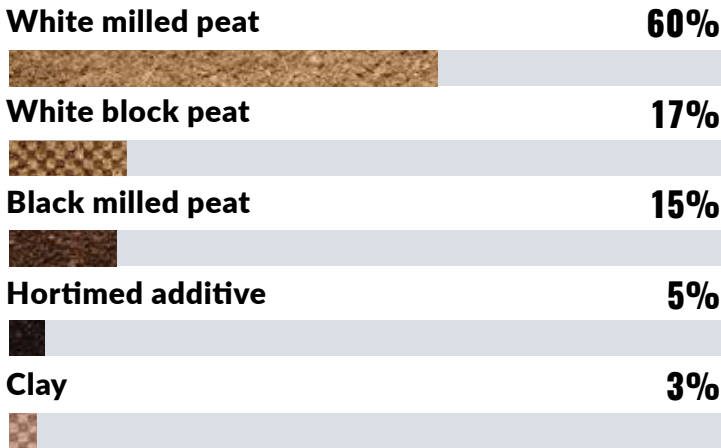
HORTIMED

HMP7 80/20 CLAY

MEDITERRANEAN plant container substrate

Fraction size: 10-40mm

Physical characteristics



BAG SIZE	250 Litre	300 Litre	5800 Litre
BAG WEIGHT*	50 KG	60 KG	1160 KG

* Weight is approximate

Chemical characteristics



CONDUCTIVITY
EC 0,5 - 0,9 MS/CM



PH LEVEL
5,5-6,5 (H2O)



WETTING AGENT
1L/m³

FERTILIZER	NPK fertilizer 14-16-18	1,4 kg/m ³
	Radigen:	50 grams/m ³
	LDZ:	250 grams/m ³

Application



For trees and shrubs, Mediterranean plants with longer growth period and higher nutrition requirements.



>16 cm



Trees and shrubs and Mediterranean plants.





HORTIMED

STANDARD SUBSTRATES

Our Standard peat moss substrates are made with the highest quality and standards. Standard substrates contain necessary amount of block peat as well as additional contents that ensure maximum efficiency. Substrates are pH balanced, they contain nutrients, like NPK, slow release fertilizers LDZ 39 N, wetting agent Instant Plus Fibazorb and other microelements, guarantee successful plant growth process.

We at HORTIMED strive for the maximum satisfaction for every client and always adjust to their needs. Our peat moss substrate Standard line is created for those customers that want to include their own additives or contents for their individual needs. In addition, we offer for every client the opportunity to customize their Standard substrate additives. Standard substrates can be modified with up to 20% of additional black peat as well as chance to change NPK amounts according to each customer needs.





NPK (PGMIX)
14-16-18 - 1kg/m³



WETTING AGENT
(INSTANT PLUS FIBAZORB)
1L/m³



MICROELEMENTS
(RADIGEN FLORASPUR)
50 grams/m³



PH
5,5-6,5



SLOW RELEASE FERTILIZER
(LDZ 39 N (HORTAZON, AZOLON))
< 0,2 mS/cm

At HORTIMED we offer the opportunity for Standard substrates to be modified with up to 20% of additional black peat, as well as a chance to increase or decrease NPK amount according to each customer needs

HM1

0-5 mm



HM2

0-10 mm



HM3

0-20 mm



HM4

0-40 mm



HM5

7-20 mm



HM6

5-30 mm



HM7

20-40 mm



SERVICES

Logistics services are one of the most important operational parts of our peat moss exporting business. That is why HORTIMED provides full service with the highest quality. We always adjust to adjust to clients and their needs by providing door to door logistics services. From our factory to the client's warehouse in any location or destination in the World by:

- Cooperating with the most trusted ground logistics firms, container and sea freight companies to provide the best, most convenient, cost-effective transportation option for each customer individually
- Finding the best transportation solution for each client individually
- Taking care of all the necessary transportation planning and updates for each delivery, and adjusting to the specific needs of the client

HORTIMED services include preparation of all necessary delivery documents:

- Preparation of customs documents
- Processing of export documents
- Preparation of Phytosanitary Certificate
- Insurance





NOTES

A large area of the page is filled with horizontal dotted lines, providing a space for handwritten notes.



HORTIMED

HORTIMED SIA

hortimedpeat.com | info@hortimedpeat.com | +371 2703 2703

Riga, Terbatas street 74A, Latvia, LV-1001