Peat products by Hansa Forestry

www.hansaforestry.com

Hansa Forestry

Peat products for a greener tomorrow

Welcome to Hansa Forestry, your premier source for top-quality peat products.

Our passion for peat's natural benefits drives us to provide you with the finest peat solutions while prioritizing sustainability. We meticulously select and harvest peat from carefully managed sources to meet the highest standards, ensuring healthier plants and gardens.

At Hansa Forestry, we believe in making a positive impact on both your gardening experience and the environment. Our peat products are designed to improve soil structure, increase water retention, and promote vigorous plant growth. Whether you're an avid gardener or a professional landscaper, we have tailored solutions to meet your needs.

Our commitment to the environment is unwavering. We practice eco-friendly harvesting methods, support habitat preservation, and continuously seek innovative ways to reduce waste and emissions. When you choose us, you're choosing a partner dedicated to sustainability.

Join us in cultivating a greener future with Hansa Forestry peat products. Explore our catalog, and let's grow together!

Nature's Gift – Sphagnum Peat moss

At Hansa Forestry, we take pride in presenting you with the finest and most extraordinary resource from Latvia's lush wetlands: Sphagnum Peat Moss. As a peat exporting company, we are committed to delivering nature's treasure to your doorstep, ensuring unmatched quality and sustainability in every step of the process.

Sphagnum Peat Moss is the result of centuries of natural alchemy within Latvia's pristine peat bogs. This living carpet of sphagnum moss, thriving in the heart of our wetlands, creates a unique environment that transforms into an exceptional organic material over time. As the moss grows, and decays in the waterlogged landscapes, it accumulates layer upon layer, forming the basis of the remarkable substance we offer – a true testament to nature's artistry.

1. Superior Water Retention:
Sphagnum Peat Moss possesses a remarkable ability to hold water, ensuring that your plants receive consistent hydration, even in challenging conditions.

2. Enhanced Aeration:
The unique cellular structure of peat moss provides excellent air circulation within your growing media, promoting healthy root development and vigorous plant growth.

3. pH Moderation:
Our peat moss carries a slightly acidic pH, making it an ideal medium for acid-loving plants and allowing you to fine-tune your soil's chemistry.

4. Nutrient Preservation:
With its exceptional cation exchange capacity, our peat moss holds onto essential nutrients, gradually releasing them to nourish your plants over time.

When you select Hansa Forestry's Sphagnum Peat Moss, you're choosing a product that reflects the pristine beauty and rich heritage of Latvia's wetlands. Our commitment to quality, sustainability, and the preservation of nature's wonders ensures that you receive not only a superior product but a connection to the very essence of the earth.

Unearth the exceptional – embrace the remarkable – with Hansa Forestry's Sphagnum Peat Moss.

Natural peat

HFP-1			
Fraction size:	Extra fine (0-5; 0-7)	Bag size	QTY/Pal.
Peat type:	100% White peat	250L	18
pH Level ($CaCl_2$):	2.8 - 3.5	300L	20
pH Level (H_2O):	3.3 - 4.0	Bigbale (5.0-6.5 m^3)	1

Used in landscaping, golf, stadiums, cuttings and even animal beddings

HFP-2

Fraction size:	Fine (0-10)	Bag size	QTY/Pal.
Peat type:	100% White peat	250L	18
pH Level ($CaCl_2$):	2.8 - 3.5	300L	20
pH Level (H_2O):	3.3 - 4.0	Bigbale (5.0-6.5 m^3)	1

Used in landscaping, golf, stadiums, cuttings and even animal beddings

HFP-3

Fraction size:	Medium (0-20)	Bag size	QTY/Pal.
Peat type:	100% White peat	250L	18
pH Level ($CaCl_2$):	2.8 - 3.5	300L	20
pH Level (H_2O):	3.3 - 4.0	Bigbale (5.0-6.5 m^3)	1

Used in potting and tree substrates, also mushroom growing

HFP-4

Fraction size:	Medium coarse (0-40)	Bag size	QTY/Pal.
Peat type:	100% White peat	250L	18
pH Level ($CaCl_2$):	2.8 - 3.5	300L	20
pH Level (H_2O):	3.3 - 4.0	Bigbale (5.0-6.0 m^3)	1

Used in blueberry growing

HFP-5

Fraction size:	Coarse (5-25)	Bag size	QTY/Pal.
Peat type:	100% White SOD peat	250L	18
pH Level ($CaCl_2$):	2.8 - 3.5	300L	20
pH Level (H_2O):	3.3 - 4.0	Bigbale (5.0-6.5 m^3)	1

Used in growing berries, foliage, flowers

HFP-6

Fraction size:	Extra Coarse (25-45)	Bag size	QTY/Pal.
Peat type:	100% White SOD peat	250L	18
pH Level ($CaCl_2$):	2.8 - 3.5	300L	20
pH Level (H_2O):	3.3 - 4.0	Bigbale (5.0-6.5 m^3)	1

Used in growing cannabis, strawberries, flowers

HFP-7

Fraction size:	Fibre (40-100)	Bag size	QTY/Pal.
Peat type:	100% Peat Fibre	Bigbale (5.0-6.5 m^3)	1
pH Level ($CaCl_2$):	2.8 - 3.5		
pH Level (H_2O):	3.3 - 4.0		

Used to grow blueberries and develop roots more intensively

HFP-8

Fraction size:	Milled Fibre (0-40)	Bag size	QTY/Pal.
Peat type:	100% Milled Peat Fibre	250L	18
pH Level ($CaCl_2$):	2.8 - 3.5	300L	20
pH Level (H_2O):	3.3 - 4.0	Bigbale (5.0-6.0 m^3)	

Deep extracted peat with higher water retention than white peat, but lower air capacity

HFP-9

Fraction size:	Extra fine (0-5)	Bag size	QTY/Pal.
Peat type:	100% Black peat	Bigbale (3.0-4.5 m^3)	1
pH Level ($CaCl_2$):	3.0 - 4.0		
pH Level (H_2O):	3.5 - 4.5		

Depply extracted peat with higher water holding capacity than white peat, but worse air capacity

Professional substrates

HFS-1 Seed Tray Substrate

		Bag size	QTY/Pal.
Fraction size:	Extra fine (0-5; 0-7)		
Peat type:	50% White 50% Black / 30% White 70% Black	70L	48
pH Level ($CaCl_2$):	5.1 - 6.1	Bigbale (3.5-4.5 m^3)	1
pH Level (H_2O):	5.6 - 6.6		
Electrical Conductivity:	1.2 - 2.0 mmhos/cm		

Usage: Extra fine seed tray substrates are used for seed trays, seedling beds, plugs and other growing media, where no sticks and twigs are allowed. This mix provides the highest water retention thanks to the black peat, with a very low drainage due to extra fine fraction. Best substrate solution for automatic tray filling lines.

Components:			
Wetting agent	1 liter/m^3	PG MIX Fertilizers (starter charge)	0.8 kg/m^3
Radigen (micronutrient depot fertilizer)	50 g/m^3	Limestone	
Slow-release ferilizer 38 N	250 g/m^3		

HFS-1 Seeding Substrate

		Bag size	QTY/Pal.
Fraction size:	Extra fine (0-5; 0-7)		
Peat type:	80% White 20% Black	70L	48
pH Level ($CaCl_2$):	5.1 - 6.1	250L	18
pH Level (H_2O):	5.6 - 6.6	300L	20
Electrical Conductivity:	1.2 - 2.0 mmhos/cm	Bigbale (5.0 - 6.0m^3)	1

Usage: By far the most used seeding substrate type of all. Although it does not have such a great water holding capacity as Seed tray substrates, it's still more popular due to lower price cost. Because this mix with 80% white peat can be packed in 250L and 300L bags which saves a lot of costs in transportation.

Components:			
Wetting agent	1 liter/m^3	PG MIX Fertilizers (starter charge)	0.8 kg/m^3
Radigen (micronutrient depot fertilizer)	50 g/m^3	Limestone	
Slow-release ferilizer 38 N	250 g/m^3		

HFS-2 Seed Substrate

		Bag size	QTY/Pal.
Fraction size:	Fine (0-10)		
Peat type:	80% White 20% Black	70L	48
pH Level ($CaCl_2$):	5.1 - 6.1	250L	18
pH Level (H_2O):	5.6 - 6.6	300L	20
Electrical Conductivity:	1.2 - 2.0 mmhos/cm	Bigbale (5.0 - 6.0m^3)	1

Usage: Excellent seeding substrate for seedlings that require more air in the germination process. Widely used for cuttings, tobacco and ornamental plants. Also used for shrub and tree seedlings.

Components:			
Wetting agent	1 liter/m^3	PG MIX Fertilizers (starter charge)	0.8 kg/m^3
Radigen (micronutrient depot fertilizer)	50 g/m^3	Limestone	
Slow-release ferilizer 38 N	250 g/m^3		

HFS-3 Potting Substrate

		Bag size	QTY/Pal.
Fraction size:	Medium (0-20)		
Peat type:	80% White 20% Black	70L	48
pH Level ($CaCl_2$):	5.1 - 6.1	250L	18
pH Level (H_2O):	5.6 - 6.6	300L	20
Electrical Conductivity:	1.2 - 2.0 mmhos/cm	Bigbale (5.0 - 6.0m^3)	1

Usage: Potting soils, perennials and herbs in pots. For plants with higher air capacity this substrate can be used already from the seed stage to medium stage in order to save costs of transplanting, including peppers, flowers and more.

Components:			
Wetting agent	1 liter/m^3	PG MIX Fertilizers (starter charge)	1.0 kg/m^3
Radigen (micronutrient depot fertilizer)	50 g/m^3	Limestone	
Slow-release ferilizer 38 N	250 g/m^3		

HFS-4 Potting Substrate

		Bag size	QTY/Pal.
Fraction size:	Medium (0-40)	70L	48
Peat type:	80% White 20% Black	250L	18
pH Level ($CaCl_2$):	5.1 - 6.1	300L	20
pH Level (H_2O):	5.6 - 6.6	Bigbale (5.0 - 6.0m^3)	1
Electrical Conductivity:	1.2 - 2.0 mmhos/cm		

Usage: The most popular choice for Foliage, ornamental plants and flowers. Increased air capacity comparing to seeding substrates. The most popular fraction for blueberries and trees (if pH adjusted).

Components:			
Wetting agent	1 liter/m^3	PG MIX Fertilizers (starter charge)	1.0 kg/m^3
Radigen (micronutrient depot fertilizer)	50 g/m^3	Limestone	
Slow-release ferilizer 38 N	250 g/m^3		

HFS-5 Flower Substrate

		Bag size	QTY/Pal.
Fraction size:	Medium (5-25)	250L	18
Peat type:	100% White SOD peat	300L	20
pH Level ($CaCl_2$):	5.1 - 6.1	Bigbale (5.0 - 6.0m^3)	1
pH Level (H_2O):	5.6 - 6.6		
Electrical Conductivity:	1.2 - 2.0 mmhos/cm		

Usage: The most popular choice for flower plants which have an even higher air requirement.

Components:			
Wetting agent	1 liter/m^3	PG MIX Fertilizers (starter charge)	1.2 kg/m^3
Radigen (micronutrient depot fertilizer)	50 g/m^3	Limestone	
Slow-release ferilizer 38 N	250 g/m^3		

HFS-6 Flower Substrate

		Bag size	QTY/Pal.
Fraction size:	Medium (25-45)	250L	18
Peat type:	100% White SOD peat	300L	20
pH Level ($CaCl_2$):	5.1 - 6.1	Bigbale (5.0 - 6.0m^3)	1
pH Level (H_2O):	5.6 - 6.6		
Electrical Conductivity:	1.2 - 2.0 mmhos/cm		

Usage: Substrate with the highest air availabilty. Used for expensive plants like Cannabis which must develop roots a lot to achieve the highest efficiency. Big fraction size also means increased drainage.

Components:			
Wetting agent	1 liter/m^3	PG MIX Fertilizers (starter charge)	1.2 kg/m^3
Radigen (micronutrient depot fertilizer)	50 g/m^3	Limestone	
Slow-release ferilizer 38 N	250 g/m^3		

HFS-7 Cannabis Substrate

		Bag size	QTY/Pal.
Fraction size:	Extra fine (0-5;)		
Peat type:	50% White 50% Black	70L	48
pH Level ($CaCl_2$):	5.1 - 6.1	Bigbale (3.5 - 4.5m^3)	1
pH Level (H_2O):	5.6 - 6.6		
Electrical Conductivity:	1.2 - 2.0 mmhos/cm		

Usage: Flower seedlings thrive in an environment which has the best possible balance between humidity (dark peat) and air (white peat + Perlite). Extra perlite of 10% also allows the roots to develop much faster than in any other substrate. Therefore this mix is the best possible option for foliage and cannabis growers!

Components:			
Wetting agent	1 liter/m^3	PG MIX Fertilizers (starter charge)	0.8 kg/m^3
Radigen (micronutrient depot fertilizer)	50 g/m^3	Perlite	10%
Slow-release ferilizer 38 N	250 g/m^3	Limestone	

HFS-8 Flower Substrate Clay

		Bag size	QTY/Pal.
Fraction size:	Medium (5-25)		
Peat type:	100% White SOD peat	250L	18
pH Level ($CaCl_2$):	5.1 - 6.1	300L	20
pH Level (H_2O):	5.6 - 6.6	Bigbale (5.0 - 6.0m^3)	1
Electrical Conductivity:	1.2 - 2.0 mmhos/cm		

Usage: The most popular choice for flower plants which have an even higher air requirement. Granulated clay additive is used to prevent fertilizers from washing out in each watering time.

Components:			
Wetting agent	1 liter/m^3	PG MIX Fertilizers (starter charge)	1.5 kg/m^3
Radigen (micronutrient depot fertilizer)	50 g/m^3	Bentonite clay	20kg/m^3
Slow-release ferilizer 38 N	250 g/m^3	Limestone	

HFS-9 Flower Substrate Osmo

		Bag size	QTY/Pal.
Fraction size:	Medium (25-25)		
Peat type:	100% White SOD peat	250L	18
pH Level ($CaCl_2$):	5.1 - 6.1	300L	20
pH Level (H_2O):	5.6 - 6.6	Bigbale (5.0 - 6.0m^3)	1
Electrical Conductivity:	1.2 - 2.0 mmhos/cm		

Usage: This substrate type is used for very large trees and flowers, which have extremely high air requirement combined with huge fertilizer uptake, and also watering needs to be done very frequently. Very popular choice for growing cannabis in final stage, especially in extreme climate conditions.

Components:			
Wetting agent	1 liter/m^3	PG MIX Fertilizers (starter charge)	1.5 kg/m^3
Radigen (micronutrient depot fertilizer)	50 g/m^3	Osmakote 19-9-10+2MgO+TE, 05-06Monat	1 kg/m^3
Slow-release ferilizer 38 N	250 g/m^3	Limestone	

Logistics

Bag size	Pallet size	Bags per pallet	Pallets in 40ft container	Bags per 40ft Container
70 Liters	1200 × 880 mm	48	24	1152 + 174 loose bags (1326 total)
250 Liters	1150 × 800 mm	18	30	540
300 Liters	1300 × 900 mm	20	24	480
Bigbales	1200 × 1000 mm	1	22-24	22-24

Bag size	Pallet size	Bags per pallet	Pallets in 40ft truck	Bags per 40ft truck
70 Liters	1200 × 880 mm	48	32	1536
250 Liters	1150 × 800 mm	18	33	594
300 Liters	1300 × 900 mm	20	24	480
Bigbales	1200 × 1000 mm	1	26	26

*Loose bags can save some logistics costs, but can also break during transportation. Broken loose bags on top of pallets are not compensated and are considered as customer's risk.

*Loaded amount can vary depending on the fraction, rain season and harvesting peat bog itself.

*Minimum order quantity for professional substrates is one truck or one full container.

*It is possible to load containers without pallets for the size of 250L and 300L bags. This allows to increase loaded amount inside container. However, manual unloading by hands will be required.

*It is possible to load 45 feet containers to some directions. If weight limit allows, we do that as well to save logistics costs. Please Inquire if 45 feet HC are available to your destination!

*Each container or truck can have also two different product types and/or packagings (but each must be at least 10 pallets)

*For long term customers we are monitoring shipping costs each week and once they get lower, we send out special offers. This helps our customers to always be more competitive in the market.

Create your own MIX

Available peat types:		
HFP-1 Extra fine	HFP-2 Fine	HFP-3 Medium
HFP-4 Medium coarse	HFP-5 SOD Coarse	HFP-6 SOD Extra Coarse
HFP-7 Fibre	HFP-8 Milled Fibre	HFP-9 Black Peat

Following additives can be added for substrates:		
Perlite	Bentonite clay	Osmocote
Wetting agent (Fibazorb)	Radigen (micronutrient depot fertilizer)	Slow-release ferilizer 38 N
Limestone	Multimix Fertilizer NPK 14-16-18	PG Mix Yara NPK 18-10-20

Natural responsibility

At Hansa Forestry, we have implemented responsible harvesting practices to ensure the long-term availability of peat moss while minimizing the environmental impact. Here are some of the key aspects of our approach:

1. Selective Harvesting:
We use selective harvesting techniques, which involve carefully extracting peat from only certain areas, allowing the remaining peatland to regenerate naturally.

2. Minimal Disruption:
Our extraction methods are designed to minimize environmental disruption. We prioritize low-impact machinery and practices to preserve the delicate ecosystem surrounding the peatlands.

3. Reclamation and Restoration:
After harvesting, we are committed to restoring the peatland. We invest in reclamation efforts by replanting native vegetation, creating wildlife habitats, and ensuring the land recovers its natural balance.

4. Peatland Conservation:
We actively support and participate in peatland conservation initiatives to protect these unique ecosystems. By doing so, we help safeguard the habitats of many plants and animals that depend on peatlands.

Would like to promote your own bag design and brand? We do that as well! Here's how:

STEP 1

Design options

1) We can provide you the dimensions of the bags, size and example of the file that is sent to the printing factory. We can send it to you, so YOUR designers can prepare the bag designs for us to then forward to the production team!

2) you send us your design ideas, logos, colours, product names and label and we then, together with OUR in-house designer, prepare you some options and then choose from our designed options!

STEP 2

Find out price per empty bag

"Now that the design is done, we can inquire about the packaging prices (according to the complexity of the design and many other aspects) to our multiple packaging producer partners and present them to you with various amounts and quantities, as, of course, the costs are different for different quantities! It is important to note that besides the costs of bags themselves, there is a necessary one-time payment for the printing plates. It is just a one time payment to have the plates ready for the next orders!"

STEP 3

Decide an order the bags

Here are the minimum order quantities for empty bags. We order only from the best quality bag producers with thickest possible layer in microns to ensure highest quality. There is no possibility to reduce quality of bags themselves to gain cheaper prices.

10L	40 000	50L	15 000	250L	11 000
20L	30 000	70L	14 000	300L	10 000
30L	20 000	150L	13 000		

Production time of the empty bags from payment receipt is usually around 2 months until they can be packed with peat in factories. And within every delivery, bag price will be deducted from the purchase price.

Factories are certified according to DIN EN ISO 9001. This management system supports our commitment to meet the needs of our customers and produce constantly good quality.

Our production processes and our mixing plant are completely computerized. In this case, all the raw materials and product batches are regularly examined for their chemical and physical properties. Each product will be checked three times: as raw material before production, during the production and while bagging.

At least one sample from each production batch is taken, documented and stored up to 6 months. As a result, a reliable verification of the product delivered is possible at any time.

Peat and substrate tests are regularly made in certified laboratories to make sure the peat is free of weed, contamination or any other harmful additives.

To further keep the quality at highest level, regular field tests of the substrates are being made separately and together with our customers. This is the only way to make sure product is also working at the greenhouses of end-users and our customers.

All the peat measuring system is done by EN-L Standards to comply with European regulations and requirements. Harvesting technology is mostly done by the leading equipment provider Premier Tech, which also ensures that the harvesting, packaging and measuring is similar to largest peat harvesting companies worldwide. Largest roots from the peat fields are removed manually and stored separately. The rest of them are going through sieving process to minimize the amount of wood and sticks in our substrates. Under some customer demand, we can even provide a double sieving process to further reduce wood and stick pieces.

We source the peat from different peat bogs and adapt the peat to customer's needs. For example, Asian market prefers light and white peat, whereas gulf countries need it more humid. That is explained mainly with the different purpose of usage. However, we never change the supply origin, as long as the customer is satisfied with the quality.

The following documents are provided with every peat shipment upon request:

- Bill of Lading
- Invoice
- Packing list
- Certificate of Origin
- Fitosanitary Certificate
- Fumigation certificate (if required)
- Certificate of Analysis (if required)
- MSDS (if required)
- Technical Data Sheet (if required)
- Marketing authorization (if required)
- Composition certificate (if required)
- And other documents upon agreement

Our contacts

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