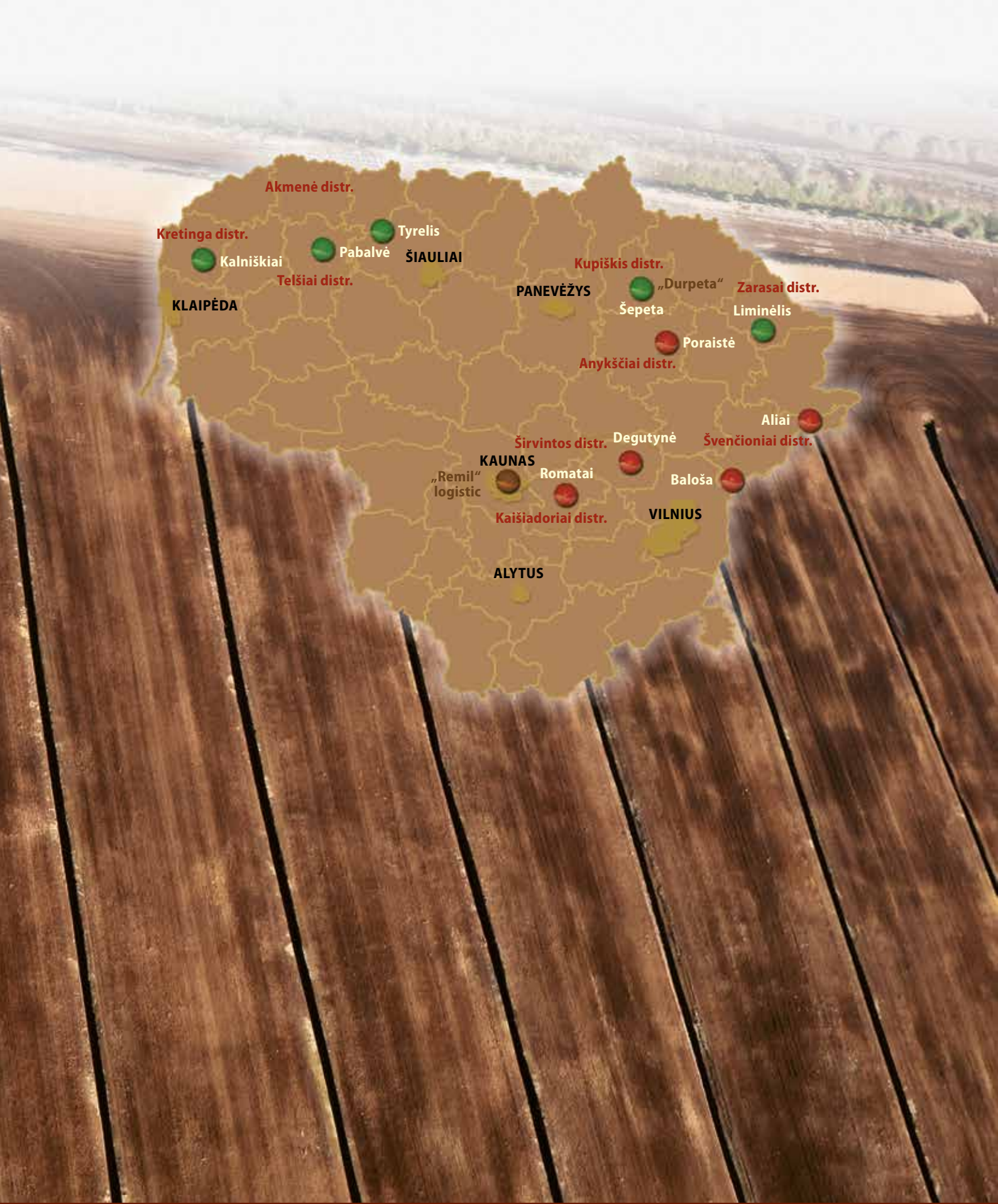




PEAT ♦ PEAT SUBSTRATE ♦ PEAT FUEL





Akmenė distr.

Kretinga distr.

Kalniškiai

Telšiai distr.

Pabalvė

Tyrelis

ŠIAULIAI

Kupiškis distr.

PANEVĖŽYS

„Durpeta“

Zarasai distr.

Šepeta

Liminėlis

Poraistė

Anykščiai distr.

Aliai

Širvintos distr.

Degutynė

Švenčioniai distr.

KAUNAS

„Remil“ logistic

Romatai

Baloša

Kaišiadoriai distr.

VILNIUS

ALYTUS

KLAIPĖDA



JSC DURPETA is a company of Lithuanian capital, specializing in extraction and processing of natural resources – peat – in Lithuania. Activity of the company is counting over 80 years. Increasing demand for the production, as well as increasing quality requirements prompted fundamental reconstruction of production in 2010. New production plant of substrates by JSC "Durpeta" is acknowledged among the most innovative in the Baltic States. The company employs computerized process control and quality control system. Cooperation of our specialists and professional growers and consultants from different countries enabled to develop a database of peat substrates of over 500 recipes for flowers, vegetables, ornamental plants, etc. Currently the company is processing light loaf peat, brown and black peat. Apart from peat, substrates are enriched accordingly with various additives: fertilizers, limestone, clay, sand, perlite, trace elements, bio-humus, coconut fibre, etc. Moreover, our company is producing biofuel and is an active member of the biofuel exchange market.

Technologies and equipment employed for the past five years enable the company to produce exclusive quality, specialized products, tailored to specific crops cultivated in specific countries. JSC "Durpeta" applies the most modern technologies to produce peat and peat products, providing the company, as well as its clients, with significant competitive advantage. During the past 3 years the company has substantially modernized its technical machinery: it has acquired modern German tractors, excavators, and "green-tech" type earthmovers, featuring environmental protection functions. Introduction of modern technologies initiates simultaneous improvement of professional qualification of employees; moreover, the company invests into automation of production and control processes.

Our company takes part in the largest global crop production and technology exhibition "IPM" in Essen, Germany, as well as in different shows in Poland, Turkey, Spain, etc.

The goal of our company is to become a modern organization, employing modern administrating methods, ensuring optimal consumption of resources, oriented towards satisfaction of clients and, featuring high confidence of public society.

***Our experience and work –
for your harvest and home!***



Peat is a substance of organic origin formed by decomposition of vegetable matter which is preserved and accumulated as a result of water excess and lack of air. Depending on conditions of formation, natural peat is classified as raised-bog peat and low-lying moor peat.

Raised bog peats are formed of residual peat moss (Sphagnum). Due to its properties – friability, good water and air permeability, ability to contain nutrients and sterility, peat is an irreplaceable raw material for the production of substrates, i. e. mixtures used to promote plant growth.

Fen peats include moss peat, grass type peat, and peat with a high wood content. Due to their thermal properties determined by the residual wood content, low-lying fen peats are very suitable as fuel.

Peat colour reflects the degree of decomposition of residual vegetable matter, which is described according to the Von Post scale and ranges between H1 and H10. (Figure.).

According to degree of decomposition, peats are classified as slightly decomposed, moderately decomposed or highly decomposed peat. For convenience, these peat groups are hereinafter referred to as: light peat of Category A; brown peat of Category B; and black peat of Category C. Qualitative characteristics of these three groups of peat are provided in the table below.

LIGHT PEAT	H1
	H2
	H3
BROWN PEAT	H4
	H5
BLACK PEAT	H6
	H7
SAPROPEL/POTTER'S CLAY	H8
	H9
MINERAL SOIL	H10

Physical and chemical properties of peat

PARAMETERS	VALUES			ACCORDING TO STANDARD
	SLIGHT DECOMPOSITION	MODERATE DECOMPOSITION	HIGH DECOMPOSITION	
	A	B	C	
Degree of decomposition according to von Post	H2–H4	H4–H6	H6–H8	–
Degree of decomposition % (r value)	32–44 %	44–57 %	57–70 %	–
Density in dry state	50–80 kg/m ³	80–130 kg/m ³	160–220 kg/m ³	LST EN 13041
Total pore volume	95–97 %	92–95 %	87–91 %	LST EN 13041
Water content	42–83 %	55–85 %	71–85 %	LST EN 13041
Air content	14–55 %	10–40 %	6–20 %	LST EN 13041
Organic matter (dry matter)	98–99 %	90–99 %	85–99 %	LST EN 13039
Ash (dry matter)	1–2 %	1–10 %	1–15 %	LST EN 13039
Contraction value	20–30 %	30–40 %	40–50 %	LST EN 13041
pH (H ₂ O)	3,0–4,5	3,5–5,0	4,0–5,5	LST EN 13041
Electrical conductivity (1:1)	0,01–0,1 mS/cm	0,02–0,15 mS/cm	0,03–0,2 mS/cm	LST EN 13041



PEAT FRACTIONS

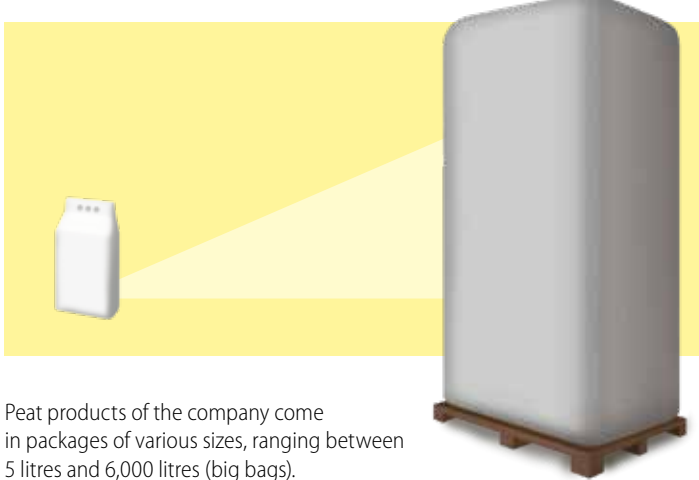
On collection, peats are sieved to separate peat sized 0–5 mm, 5–10 mm, 10–20 mm and 20–40 mm. Mixing of such peat in certain proportions, fractions are obtained. Pet fractions are as follows: fine (0–5 mm, 0–10 mm); medium (0–20 mm, 5–20 mm) and coarse (0–40 mm, 5–40 mm, 10–40 mm). Other fractions can also be obtained by changing the sieving line parameters: 0–7 mm, 7–15 mm, 10–30 mm etc.

Fine fraction is used in the production of substrates for sowing. Flower, vegetable and decorative plant seeds are tiny, with modular sprouting units often used for sowing them, therefore, an even filling of the unit and even sprouting cannot be guaranteed if coarser fraction is used. Fine fraction is suitable for the preparation of lawn bases; fine fraction substrates are used in the installation of stadiums and golf courses, and in households.

Medium fraction is the most universal and is widely used for the growing of flowers, vegetables and decorative plants in pots, elevated beds, greenhouse trays, and outdoors. Peat pieces contained in the medium fraction ensure an air- and water-permeable structure which is optimal for the development of roots of the plants. Peat contains water with dissolved nutrients, which ensures proper nutrition of the plants. Medium fraction peat can be used for soil improvement. Adding peat to the soil increases the organic matter content and agrophysical characteristics of the soil are improved.

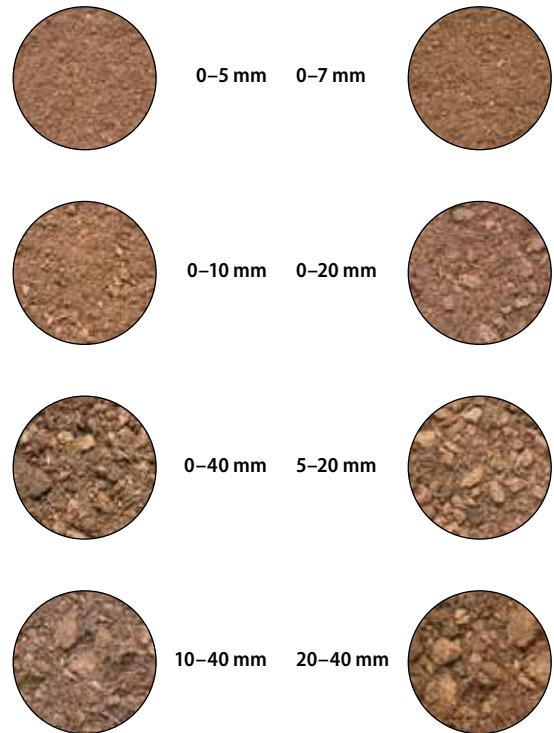
Coarse fraction is used in the cultivation of decorative plants and their compositions in large containers, flowers in pots of larger diameter, and berry plants. Larger peat pieces retain their structure for more than one year without decomposing, and both air- and water-permeability as well as even distribution of nutrients is ensured for a long time. Large fraction peat is the best mulch and root protection for roses, trees and bushes; it is recommended that such peat should be added to natural soil if it is too heavy (clay) or too light (sand).

Screenings is what is left on separation of 0–40 mm peat. After mixing them with natural peat, screenings are the best growth medium for highbush blueberries. Screenings are also used as mulch and litter.



Peat products of the company come in packages of various sizes, ranging between 5 litres and 6,000 litres (big bags).

Light Peat



Brown Peat



Black Peat

The principles of our quality assurance policy: responsible use of natural resources, attention to the needs of our customers, and ensuring consistent product quality.

Flexibility and responsibility in ensuring consistent quality of supply of our products.

We strive to meet our customers' expectations, assist them in resolving any issues that arise, and provide consulting on the product selection and use.

Our quality management systems are under constant control and improvement, and we seek to increase their efficiency. We work in accordance with applicable legal acts, EU standards and other documents that govern operations of our company.

Quality management standards implemented at the company since 2020:



LST EN ISO 9001:2015
Quality Management System

LST EN ISO 14001:2015
Environmental Management System

LST ISO 45001:2018
Occupational Health and Safety Management System

Stability of the substrates' quality parameters is guaranteed by an automatic dosage system. Both peat raw materials and substrate products are examined at an in-house laboratory on a mandatory basis.

Analysis performed by the laboratory:

- determination of product amount (LST EN 12580 standard),
- determination of pH (acidity) (LST EN 13037 standard),
- determination of electrical conductivity (LST EN 13038 standard).

Density in the dry state, pH and electrical conductivity are checked on a periodic basis in the production process, with the data recorded on a quality control sheet. Control samples are stored for one year. All the products are labelled. Production dates, products names and codes are printed on the bags of all sizes for identification purposes.



The substrates produced by Durpeta UAB symbolise peat production quality for a large number of customers.

Raw materials for the substrates are obtained from peat sites operated by the company.

We produce peat substrates for both professional and amateur plant growers, and create custom-made substrates to meet specific needs depending on plant species and growing conditions.

Peat is an irreplaceable raw material for the production of substrates as it is porous with particularly good water absorption, and with low pH. Various peat fractions and physical properties required for the substrate production are obtained by appropriate sieving. Required chemical characteristics are obtained by adding limestone powder, organic and mineral fertilisers as well as minerals.

Admixtures and their marking:



Peat



Compost



Perlite



Sapropel



Wood fibre



Wood chips



Microelements



Sand and clay



Bioactivator



Fertilizers



Water absorption



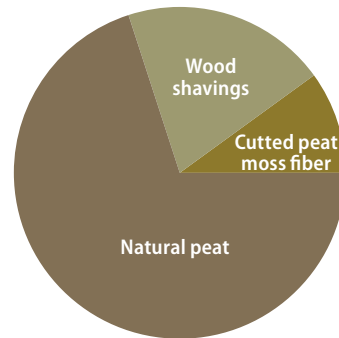
Pine bark



PEAT FOR LITTER

Peat is the best litter for poultry farms due to its unique ability to absorb odours and liquids, sterility and convenience of use. Substances contained in peat stimulate poultry weight increase and serve as a protection against development of harmful microorganisms. A mixture of bird manure and peat litter is an ideal fertiliser for soils of various types.

A mixture of peat and wood shavings preserves all the best properties of peat litter and ensure poultry health and comfortable growing conditions. Litter of peat, in particular cutted peat moss fiber, is also used as horse and cattle litter.



pH
3,5–4,5
H₂O

N
<20
mg/l

P₂O₅
<10
mg/l

K₂O
<10
mg/l

EC
0,01–0,15
mS/cm (1:1)

%
25–45
%

0
l/m³

PRODUCT	FRACTION	CAPACITY, L	PRODUCT CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
NATURAL PEAT FOR LITTER	0–10	5000	GP00162	1	24
	0–20	6000	GP23694	1	24
MIXTURE OF PEAT AND WOOD SHAVINGS	0–20	5000	GP2369	1	24
	0–20	6000	GP23691	1	24

PEAT SUBSTRATE **PROFI UNIVERSAL**

Intended for cultivating vegetables, flowers and decorative plants in greenhouses and outdoors, improvement of soil properties, and filling of elevated beds. Made of clean organic peat and enriched with compound fertilisers with microelements. A special-purpose activator stimulates development of roots.

Peat fraction 0–20 or 0–40 mm (medium).

Break up, moisten and mix the substrate before use. Nutrients are sufficient for 3 to 4 weeks; later, fertilising with compound fertilisers is recommended.

**Admixtures**

Water absorption activator

Fertilisers and microelements

NPK fertilisers 14–16–18

Root growth activator

pH
5,5–6,5
H₂O

N
120–180
mg/l

P₂O₅
130–210
mg/l

K₂O
150–240
mg/l

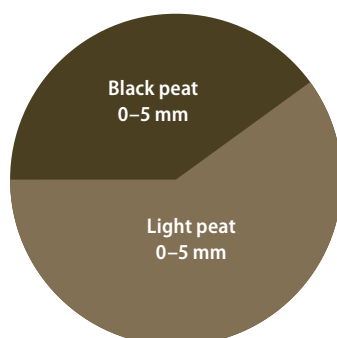
EC
0,8–1,3
mS/cm (1:1)

%
45–55
%

0,15
l/m³

PRODUCT	CAPACITY, L	PRODUCT CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
PROFI UNIVERSAL	70	GP0267	42	30/32
	250	GP0428	15	30/32
	4000	GP0033	Big bale	24/26



PEAT SUBSTRATE **PROFI MIX 1a** FOR SOWING

Intended for the sowing of vegetable and flower seeds and cultivation of sprouts. Fertilisers have been selected to ensure both meeting of sprout needs for nutrients and protection of sensitive roots of small plants from large fertiliser doses. The fine substrate can be used for filling boxes, trays and multi-cell sprouting units. The substrate can also be used in automatic sowing lines.

Break up, moisten and mix the substrate before use. Nutrients are sufficient for 3 to 4 weeks; later, pitching or additional fertilising with compound fertilisers is recommended.

Admixtures

Water absorption activator

Fertilisers and microelements

NPK fertilisers 12-14-24

Root growth activator



pH

5,5-6,0
H₂O

N

70-110
mg/lP₂O₅80-120
mg/lK₂O130-210
mg/l

EC

0,6-0,9
mS/cm (1:1)

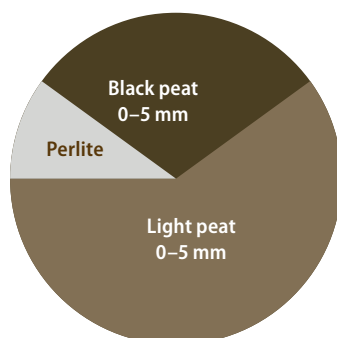
%

45-55
%

%

0,15
l/m³

PRODUCT	CAPACITY, L	PRODUCT CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
PROFI MIX 1a	70	GP0912	42	30/32
	250	GP0430	15	30/32
	4000	GP0519	Big bale	24/26

PEAT SUBSTRATE **PROFI MIX 1b** FOR PITCHING

Intended for pitching and plant multiplication by cuttings. Suitable for the cultivation of microplants. The substrate is improved with perlite and clay – structural components: perlite increases the air content, and clay improves the microelement circulation in the root area. Both fertilisers and additional elements have been selected in a way so that to ensure rapid and balanced growth of roots and green mass.

Break up, moisten and mix the substrate before use. Special-purpose multicell sprouting units, boxes or trays should be used for pitching and multiplication by cuttings. After 3 to 4 weeks, fertilising with compound fertilisers is recommended.

Admixtures

Perlite

Clay

Water absorption activator

Fertilisers and microelements

NPK fertilisers 14-16-18

Root growth activator

Microelements



pH

5,5-6,0
H₂O

N

120-180
mg/lP₂O₅130-210
mg/lK₂O150-240
mg/l

EC

0,9-1,3
mS/cm (1:1)

%

45-55
%

%

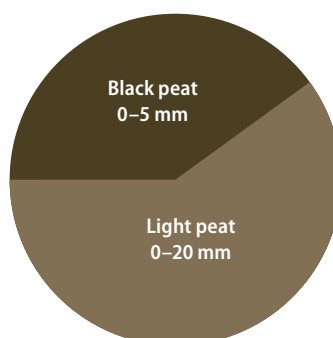
0,15
l/m³

PRODUCT	CAPACITY, L	PRODUCT CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
PROFI MIX 1b	70	GP0520	42	30/32
	250	GP0521	15	30/32
	4000	GP0522	Big bale	24/26



PEAT SUBSTRATE **PROFI MIX 2a** FOR CULTIVATION

Intended for the growing of vegetables and flowers in trays, containers, pots, elevated beds; can be used for soil improvement outdoors and in greenhouses. Made of clean organic peat and enriched with compound fertilisers with microelements. Special-purpose activators stimulates development of roots and water absorption. Break up, moisten and mix the substrate before use. Nutrients are sufficient for 3 to 4 weeks; later, additional fertilising with compound fertilisers is recommended.



Admixtures

Water absorption activator

Fertilisers and microelements

NPK fertilisers 14-16-18

Root growth activator



5,5-6,0
H₂O



150-230
mg/l



170-260
mg/l



190-300
mg/l



1,1-1,6
mS/cm (1:1)



45-55
%



0,15
l/m³

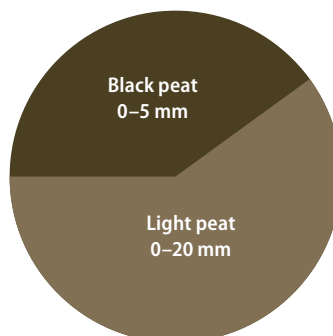
PRODUCT	CAPACITY, L	PRODUCT CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
PROFI MIX 2a	70	GP0558	42	30/32
	250	GP0536	15	30/32
	4000	GP1787	Big bale	24/26



PEAT SUBSTRATE **PROFI MIX 2b** FOR CULTIVATION

Substrate with clay is intended primarily for the cultivation of flower sprouts and flowers in pots, trays, containers and elevated beds; can be used for soil improvement both outdoors and in greenhouses. Made of clean organic peat and enriched with compound fertilisers with microelements. Contains clay granules that improve circulation of water and minerals as well as special-purpose activators for root development and water absorption.

Break up, moisten and mix the substrate before use. Nutrients are sufficient for 3 to 4 weeks; later, additional fertilising with compound fertilisers is recommended.



Admixtures

Clay 1-8 mm

Water absorption activator

Fertilisers and microelements

NPK fertilisers 14-16-18

Root growth activator

Microelements



5,5-6,0
H₂O



120-180
mg/l



130-210
mg/l



150-240
mg/l



1,0-1,3
mS/cm (1:1)



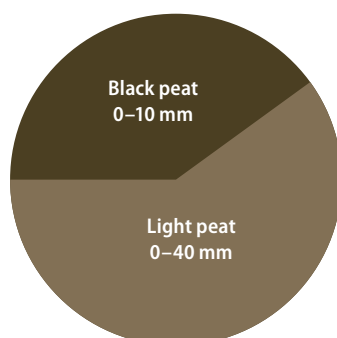
45-55
%



0,15
l/m³

PRODUCT	CAPACITY, L	PRODUCT CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
PROFI MIX 2b	70	GP0523	42	30/32
	250	GP0429	15	30/32
	4000	GP0524	Big bale	24/26



PEAT SUBSTRATE **PROFIMIX 3a** FOR DECORATIVE PLANTS

Substrate for the cultivation of decorative plants. Applied to roots during planting, with mulching after the planting. Coarse structure ensures proper water – air balance in the roots area. Special-purpose fertilisers for decorative plants provide them with nutrients during the first months of grow. Two types of substrate are produced: for coniferous and for deciduous decorative plants (different pH). Break up and moisten the substrate before use.

Admixtures

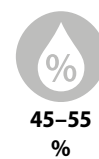
Water absorption activator

Fertilisers and microelements

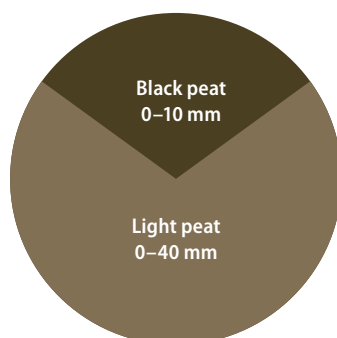
NPK fertilisers 14–16–18

NPK fertilisers Hydrocomplex

Root growth activator



PRODUCT	CAPACITY, L	PRODUCT CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
PROFI MIX 3a FOR CONIFERS	70	GP1898	42	30/32
	250	GP1899	15	30/32
	4000	GP1900	Big bale	24/26
PROFI MIX 3a FOR DECIDUOUS	70	GP0525	42	30/32
	250	GP0526	15	30/32
	4000	GP0527	Big bale	24/26

PEAT SUBSTRATE **PROFIMIX 3b** FOR PITCHING

Intended for decorative plants in pots or in large containers. Prolonged action fertilisers ensure a uniform supply of nutrients during 5 to 6 months. Clay regulates the circulation of microelements and water in the root area; due to absorption activator, water distributes quickly and evenly throughout the container. Two types of substrate are produced: for coniferous and for deciduous decorative plants (different pH). Break up and moisten the substrate before use.

Admixtures

Clay

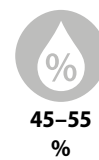
Water absorption activator

Fertilisers and microelements

NPK fertilisers 14–16–18

Prolonged action fertiliser

Root growth activator



PRODUCT	CAPACITY, L	PRODUCT CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
PROFI MIX 3b FOR CONIFERS	70	GP1063	42	30/32
	250	GP05291	15	30/32
	4000	GP05301	Big bale	24/26
PROFI MIX 3b FOR DECIDUOUS	70	GP0528	42	30/32
	250	GP0529	15	30/32
	4000	GP0530	Big bale	24/26



GARDIN BLACK SOIL



Made of black peat of high humidification, enriched with fertilisers with microelements and sapropel extract. Intended for soil improvement in greenhouses, elevated beds, in the garden, for cultivation of vegetables, and filling of roots of trees and decorative plants.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements (Fe, Mn, Cu, B, Zn...)	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
5,5–6,5	50–80	60–90	60–100		0,3–0,7

CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
50	GP2586	4771306274179	36	28/30

USE: Break up, moisten and mix before use. Nutrients are sufficient for 3 to 4 weeks; later, fertilising with appropriate compound fertilisers is recommended.

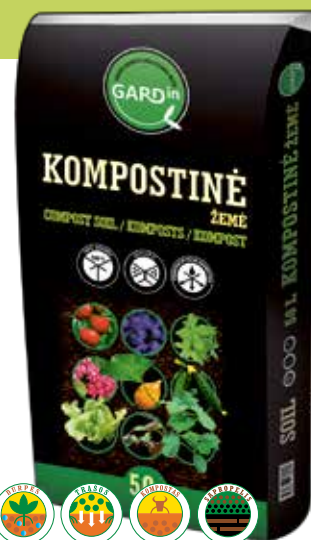
GARDIN COMPOST SOIL

Made of peat compost with cattle manure and black peat. After breaking up and sieving, compound fertilisers with microelements are added (1 kg/m³) plus sapropel extract.

Intended for the cultivation of vegetables and decorative plants both indoors and outdoors and the filling of roots of fruit trees and bushes during planting. Suitable for improving the structure of both light and heavy soils.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements (Fe, Mn, Cu, B, Zn...)	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
5,5–6,5	100–150	110–180	130–200		0,6–1,2

CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
10	GP1782	4779031130036	*152	28
50	GP1783	4779031130043	*48	24
80	GP1784	4779031130050	*36	22/24



PEAT SUBSTRATE EKODURPETA (UNIVERSAL)



Intended for organic farming and gardening in accordance with Regulation (EC) No 889/2008, certificate No 1-EKO-5. Most suitable for vegetables in greenhouses, elevated beds, containers; can be used for soil improvement.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements (Fe, Mn, Cu, B, Zn...)	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
5,5–6,0	150–230	150–230	210–330		0,5–1,5

CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
50	GP0516	4771306273837	51	30/32

USE: Aerate and moisten additionally prior to sowing and planting. Prolonged dissolution organic fertilisers are used, therefore, nutrients are sufficient for 2 to 3 months; later, additional fertilising is recommended.



UNIVERSAL PEAT SUBSTRATE



Universal Substrate is intended for growing various vegetables' sprouts and ground improvement. Substrate is made according to special recipe from eco-friendly peat, enriched with nutritional supplements and microelements. Peat fraction is medium.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
5,5–6,5	100–180	110–210	130–240	(Fe, Mn, Cu, B, Zn...)	0,8–1,3
CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK	
10	GP0029	4771306273073	200	30/32	
20	GP0264	4771306273233	120	30/32	
70	GP0267	4771306273240	42	30/32	
4000	GP0033		Big bale	24/26	

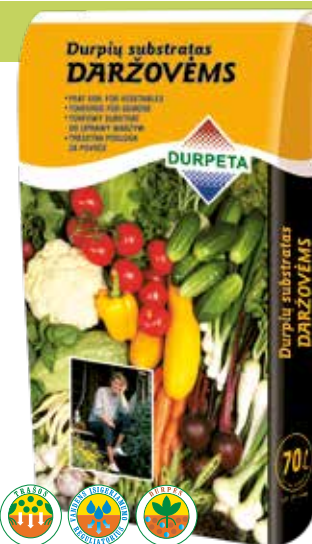
USE: The substrate should be aerated and additionally moistened before sowing and planting. Longer vegetation plants after two three weeks require additional fertilization with complex fertilizer.

PEAT SUBSTRATE FOR VEGETABLES

Substrate is intended for growing vegetables (cucumbers, tomatoes, peppers and etc.). Peat fraction is medium.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
5,5–6,5	100–130	110–180	130–200	(Fe, Mn, Cu, B, Zn...)	0,7–1,1
CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK	
70	GP0337	4771306273349	42	30/32	

USE: the substrate should be aerated and additionally moistened before sowing and planting. Longer vegetation plants after two three weeks require additional fertilization with complex fertilizer.



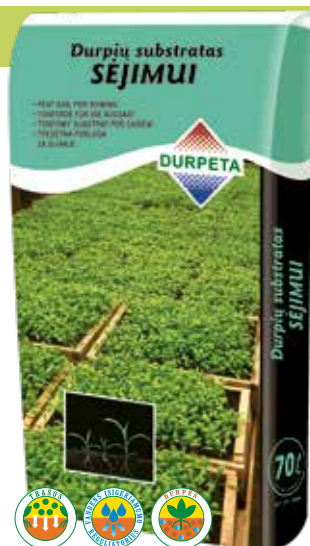
PEAT SUBSTRATE FOR GROWING TOMATOES AND PEPPERS

Substrate is intended for sowing of tomatoes' and peppers' seeds, growing of sprouts and improvement of hothouse ground. Substrate is made according to special recipe from eco-friendly peat. The substrate is porous, well-absorbs water, and keeps moisture. Fertilizer and microelements are selected so that the plants could easily assimilate them and fully satisfy their bioenergetics needs. Plants grow excellently planted in the substrate, bigger yield is obtained. Substrate fraction is medium.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
5,5–6,0	120–180	130–210	150–240	(Fe, Mn, Cu, B, Zn...)	0,8–1,3
CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK	
20	GP0146	4771306273189	120	30/32	

USE: the substrate should be aerated and additionally moistened before sowing and planting. Plants after two three weeks require additional fertilization with complex fertilizer.





PEAT SUBSTRATE FOR SOWING

Substrate is for sowing seeds, growing different vegetables, growing of sprouts and hothouse ground improvement. Peat fraction is fine.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements (Fe, Mn, Cu, B, Zn...)	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
5,5–6,0	50–80	60–90	100–160		0,3–0,7

CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
20	GP0062	4771306273332	120	30/32
70	GP0336	4771306273325	42	30/32

USE: The substrate should be aerated and additionally moistened before sowing and planting. Plants after two three weeks require additional fertilization with complex fertilizer.

SUBSTRATE FOR HEATHERS

Special-purpose substrate for plants that grow well in acidic soils: heather, rhododendrons, azaleas, camelias etc. The substrate is characterised by stable structure and good porosity. Acidity as well as good water absorption is ensured by moss peat (pH 3.5–4.5). The substrate is enriched by all nutrients required for the plant growth, prolonged-action fertilisers and microelements.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements (Fe, Mn, Ca, B, Zn)	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
3,5–4,5	80–120	90–140	100–150		0,5–0,9

CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
20	GP2186	4771306274056	120	30/32

USE: To achieve best results, moisten the substrate well before use. Used substrate is suitable for improvement of garden soil.



PEAT SUBSTRATE FOR RHODODENDRONS AND AZALEAS

Substrate is intended for plants adapted to more acid environment (rhododendron, azaleas, and etc.), also for soil improvement. Substrate fraction is coarse.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements (Fe, Mn, Cu, B, Zn...)	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
3,5–4,5	50–80	60–90	60–100		0,2–0,6

CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
50	GP0072	4771306273103	51	30/32

USE: The substrate should be aerated and additionally moistened before sowing and planting. Longer vegetation plants after two three weeks require additional fertilization with complex fertilizer.





PEAT SUBSTRATE FOR PORCH FLOWERS

Substrate is intended for planting and growing of thick blooming flowers (petunias, pelargonium's, fuchsias, surfinias, and etc.) additionally has iron supplement securing from chlorosis. Substrate fraction is medium.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements (Fe, Mn, Cu, B, Zn...)	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
5,5–6,0	150–230	170–260	190–300		1,0–1,6

CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
20	GP0135	4771306273158	120	30/32

USE: the substrate should be aerated and additionally moistened before sowing and planting. The first fertilization of plants with complex fertilizer should be done after three weeks.

PEAT SUBSTRATE FOR INDOOR FLOWERS

Substrate is intended for planting and growing of flowers, also for improvement of soil. Substrate fraction is medium.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements (Fe, Mn, Cu, B, Zn...)	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
5,5–6,0	100–150	110–180	130–200		0,7–1,1

CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
20	GP0134	4771306273141	120	30/32

USE: the substrate should be aerated and additionally moistened before sowing and planting. The first fertilization of plants with complex fertilizer should be done after three weeks since the planting date, later repeated by intervals from 1 to 2 weeks.



PEAT SUBSTRATE FOR FLOWERS

Substrate is intended for indoor, porch and wild flowers growing. Substrate fraction is medium.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements (Fe, Mn, Cu, B, Zn...)	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
5,5–6,0	90–140	100–160	110–180		0,6–1,0

CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
10	GP0086	4771306273080	200	30/32
20	GP0265	4771306273257	120	30/32
50	GP2465	4771306274087	51	30/32

USE: the substrate should be aerated and additional moistened before sowing and planting. Longer vegetation plants after two three weeks require additionally fertilization with complex fertilizer.



GROWING GROUND FOR ORCHIDS



Composition: pine bark (not less than 80%), agro-pearlite, fibres of sphagnum moss.

Usage: It is necessary to aerate and additionally moisten the substrate before plant repotting.

Advices: root area should remain moist, do not keep water in the pot – it stimulate decay of the plant's root. Orchid likes warm climate, therefore the temperature of the day should be at least +18°C. Avoid differences in temperature. Orchid Phalaenopsis needs to be repotted once a year straight after blooming.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
5,5–6,0	50–80	60–90	60–100	–	0,2–0,6
CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK	
5	GP0888	4771306273943	300	30/32	

SUBSTRATE FOR POTHERBS

Growth medium is for growing medicinal and potherbs. Substrate is made from high fragmentation and medium rough humous peat and organic fertilizer.

All components, which are used in substrate production meet all requirements for ecological production and are produced under EU regulation EEB 834/2007 and 889.2008 1.

Usage: It is necessary to aerate and additionally moisten the substrate before planting or sowing.

Advices: do not forget to put some drainage stones in the pot before potting the plant. Plants with the biggest roots should be planted in the middle of the pot. The best temperature for potherbs growing is 15-20°C. During the warm season, ventilate the room as often as possible. During the cold season protect herbs from frost and draughts. **Volume** – 5 l.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
6,0–6,5	150–230	150–230	210–330	(Fe, Mn, Ca, Mg, Zn)	0,5–1,5
CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK	
5	GP0902	4771306273950	300	30/32	



PEAT SUBSTRATE FOR CACTUSES



Substrate is made according to special recipe from eco-friendly peat, a special clay and sand. Used for growing of cactuses (Epiphyllum, Schlumberger, Rhipsalidopsis, Melocactus, Mammillaria, Notocactus, and etc.). Substrate fraction is medium.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
5,5–6,0	70–110	80–120	90–140	(Fe, Mn, Cu, B, Zn...)	0,5–0,8
CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK	
10	GP0133	4771306273165	200	30/32	

USE: the substrate should be aerated and additionally moistened before sowing and planting. To water in moderation, but roots should be moistened. Next time to water only when ground has fully dried up.



PEAT SUBSTRATE FOR STRAWBERRIES WITH PERLITE



Intended for the cultivation of strawberries and strawberry sprouts as well as for soil improvement. Formulated using organic peat that does not contain pests and pathogens. Enriched with microelements and structural admixtures that ensure rapid and balanced development of roots, leaves, flower buds and berries. Main components: peat moss (*Sphagnum moss*) 90 % and perlite 10 % by volume. Mineral fertilisers NPK 14-16-18 + microelements 0.4 % by mass. Water absorption activator, limestone powder and root development activator. Dry organic matter content 85 %. Acidity (pH) 5.5–6.5; electrical conductivity (1:1) 0.7–1.1 mS/cm.

Advantages: The substrate is porous, absorbs and retains water well. Perlite provides additional structural stability to the substrate and improves aeration of the root area.

Quality indexes

pH (H ₂ O)	Nutritional material, mg/l			Microelements (Fe, Mn, Ca, B, Zn)	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
5,5-6,5	50-80	120-180	160-250		0,7-1,1

CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
50	GP2347	4771306274063	51	30/32



PEAT MIXTURE FOR Highbush BLUEBERRIES AND CRANBERRIES

The mixture is based on acidic and light raised-bog peat, pine bark and water absorption activator.

Quality indexes

pH (H ₂ O)	Nutritional material, mg/l			Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O	
3,5-4,5	10-20	5-10	5-10	0,1-0,3

CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
70	GP2589	4771306274162	42	30/32

USE: Prepare a 50x70 cm pit, spread gravel on the bottom (10 cm high), and pour the mixture. Water abundantly a few times and mix so that the water spreads evenly throughout the layer. After planting a highbush blueberry, mulch with pine bark and pine needles and fertilise with ammonium sulphate 20–30 g per plant before and after blossoming, in the autumn – with potassium sulphate 10–20 g and superphosphate 25–30 g per plant.



SUBSTRATE FOR Highbush BLUEBERRIES

The mixture is based on acidic and light raised-bog peat, pine bark and water absorption activator.

Quality indexes

pH (H ₂ O)	Nutritional material, mg/l			Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O	
3,5-4,5	10-20	5-10	5-10	0,1-0,3

CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
150	GP1059	4771306273981	*24	28/30

USE: Prepare a 50x70 cm pit, spread gravel on the bottom (10 cm high), and pour the peat. Water abundantly a few times and mix so that the water spreads evenly throughout the layer. After planting a highbush blueberry, mulch with pine bark and pine needles and fertilise with ammonium sulphate 20–30 g per plant before and after blossoming, in the autumn – with potassium sulphate 10–20 g and superphosphate 25–30 g per plant.





PEAT SUBSTRATE FOR LAWN

Substrate is used for growing of lawn, lawn equipment, stadiums, sports grounds, golf courses, parks, apartment houses and individual, lawn grasses, installation of public recreational facilities etc. The substrate perfectly absorbs water to roots zone, detains the optimum amount of water, significantly reduces fertilizer leaching into the environment, gradually gives plants nutrients and water. Substrate fraction is fine.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements (Fe, Mn, Cu, B, Zn...)	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
5,5–6,0	100–150	110–180	130–200		0,7–1,1
CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK	
70	GP0515	4771306273813	42	30/32	

USE: to set new winds, 10-20% of soil is replaced by the same amount of substrate. The substrate is added to the 5-15 cm depth. Lawn fertilization is added - according to need.

DECORATIVE MULCH, BRICK COLLOR

Decorative mulch is an excellent means to adorn your environment. Mulch retains moisture in the soil and protects roots from seasonal temperature fluctuations: maintains higher temperatures in winter and lower temperatures in summer. It also prevents weed growth and protects soil from erosion.

CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
50	GP0948	4771306273882	54	30/32

USE: Remove weeds from areas to be mulched and hoe the soil evenly. Spread a 2–5 cm layer of mulch on the soil surface. After 2–3, apply an additional layer of mulch.



DECORATIVE PEAT MULCH FOR GARDEN



As well as giving your garden a tidy appearance, peat mulch of organic origin contains substances that decompose very slowly and help retain moisture in soil. Mulching reduces evaporation of moisture up to 60%, protects roots from seasonal temperature fluctuations – maintains higher temperature in winter and lower in summer, and ensures optimal aeration. Crushed wood fibre and branches contain xylite – an organic substance that suppresses weeds, stimulates root development and, in part, prevents spreading of flies.

CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
60	GP1468	4771306274018	*36	28/30

USE: Remove weeds from areas to be mulched and hoe the soil evenly. Spread a 2–5 cm layer of mulch on the soil surface. After 2–3, apply an additional layer of mulch.





PEAT SUBSTRATE FOR DECORATIVE PLANTS

Substrate is intended for growing and care of decorative plants, saplings, shrubs, and improvement of soil. Substrate fraction is medium-coarse.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements (Fe, Mn, Cu, B, Zn...)	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
4,5–5,5	100–150	110–180	130–200		0,7–1,1
CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK	
50	GP0115	4771306273110	51	30/32	

USE: the substrate should be aerated and additionally moistened before sowing and planting. Longer vegetation plants after two three weeks require additional fertilization with complex fertilizer.

PEAT SUBSTRATE FOR CONIFERS AND ORNAMENTAL PLANTS

Designed for planting ericaceous tree-like plants and shrubs and for top soil around them. Manufactured to a special recipe from organically clean peat and shredded bog-wood, with added compound fertilisers including micronutrients and micronutrient additives. The substrate is free from any microorganisms and pests that can cause harm to plants or humans. Porous, absorbs water and retains moisture well. The fertilisers have been specifically selected to suit ornamental plants; they are absorbed well within 4 months.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements (Fe, Mn, Cu, B, Zn...)	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
4,0–4,5	130–210	130–210	180–290		1,0–1,6
CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK	
50	GP2381	4771306274070	51	30/32	

It is advisable to aerate the substrate and add moisture before use. Growing plants require additional feeding by fertilisers designed for conifers and ornamental plants.



COMPOST FOR FRUIT TREES AND FRUIT-BEARING SHRUBS

Compost is for planting various fruit trees and fruit-bearing shrubs grown in plant pots and dug out of the soil (with open roots). Compost covers the roots well and creates an enriching, loose, water- and air-permeable soil zone.

Quality indexes					
pH (H ₂ O)	Nutritional material, mg/l			Microelements (Fe, Mn, Ca, Mg, Zn)	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
5,5–6,5	10–20	60–90	90–150		0,2–0,7
CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK	
50	GP2501	4771306274094	48	30/32	

USE: Before planting dig a hole of sufficient size in the soil and at the bottom of the hole, make a small mound of compost on which the roots can spread out and sprinkle compost around the planted tree or shrub. Tamp down the soil, water the plant.



SOIL FOR GRAVES TRIMMING



Soil for graves trimming is produced high segmentation peat. It is used as decorative material for graves trimming, clearing and decoration. Substrate fraction is fine.

Quality indexes

pH (H ₂ O)	Nutritional material, mg/l			Microelements (Fe, Mn, Cu, B, Zn...)	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
5,5–6,0	80–120	90–140	100–150		0,5–1,0

CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
10	GP1293	4771306273998	*200	28/30
50	GP0335	4771306273653	*36	24/26

USE: The substrate should be aerated and additionally moistened before sowing and planting. Longer vegetation plants after two three weeks require additional fertilization with complex fertilizer.

PEAT SUBSTRATE FOR PLANTING AND ARRANGEMENT OF CEMETERY

Substrate is intended for planting, arrangement of cemetery, grass, flower growing and soil improvement. Substrate fraction is fine.

pH (H ₂ O)	Nutritional material, mg/l			Microelements (Fe, Mn, Cu, B, Zn...)	Electrical conductivity, mS/cm
	N	P ₂ O ₅	K ₂ O		
5,5–6,0	80–120	90–140	100–160		0,5–0,9

CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
20	GP0145	4771306273172	*120	26/28
50	GP0088	4771306273097	*36	24/26

USE: The substrate should be aerated and additionally moistened before sowing and planting. Longer vegetation plants after two three weeks require additional fertilization with complex fertilizer.



AGROPERLITE



A means to improve soil that is obtained by heating volcanic rock at a high temperature. Light and loose agro perlite increases aeration of the root area, improves circulation of water and nutrients, and protects soil from soaking.

CAPACITY, L	PRODUCT CODE	EAN CODE	BALES NUMBER PER PALLET	NUMBER OF PALLETS IN THE TRUCK
45	GP2527	4771306274148	51	30/32

USE: It is recommended that agro perlite is spread on the surface of soil, forming a 2–5 cm layer, and mixed with the soil. For the sowing of seeds, growing of sprouts and planting of flowers into pots and containers, mix agro perlite with appropriate substrate (agro perlite accounting for 10–30 % by volume) and moisten the mixture. Agro perlite can be spread on the surface of pots and beds or the area around the plant, thus reducing the moisture loss and preventing the formation of green layer and crust on the surface.



Not long ago peat was forgotten in Lithuania's energy sector due to incapacity to burn it and absence of suitable equipment. As burner and boiler technologies have improved, more advanced combustion methods were developed for the use of peat fuel. In Lithuania, peat can be used together with biofuel in co-generation plants, both new and those under reconstruction, as well as in boiler houses of small or medium capacity.

Advantages of peat as a local energy resource: stable prices that are approximately 1/3 lower than those for wood chips; an excellent alternative or addition to solid biomass; benefits for domestic energy consumers.

Characteristics of peat as a fuel

Crumble peat fuel. This kind of peat is burnt in boiler houses of industrial enterprises after adapting furnaces for this fuel. Calorific value of peat is close to that of wood.

Lump peat fuel. A clean ecological fuel that can be burnt in heating boilers adapted for solid fuel. Its calorific value is close to that of wood

Peat semi-briquettes. A clean ecological fuel for domestic consumers, obtained from fen peat that is most suitable for combustion. Its calorific value is higher than that of wood.

Characteristics of peats that have formed at different locations vary as peat properties depend on the plant species the decay of which has formed the peat bog, water inflow, composition of mineral substances in the primary biomass of the peat etc. Structure of peat as a fuel is defined by its elemental composition, ash content (mineral substances), volatile substances and moisture (water) content.

For more information visit www.durpeta.lt

PEAT FUEL SEMIBRIQUETTES

Peat fuel semibriquettes are regarded as solid fuel of excellent quality and are produced from low-marshy crumbled peat of high segmentation. Raw material for peat semibriquettes is harvested at Pabalvė peatbog, which is probably the only bog in Lithuania where peat moss contains such a high level of heat. The peat is dried up to 22 % of moisture; then pressed into semibriquettes of fine forms (180 x 80 x (30–70) mm).

QUALITY INDEXES	
Fuel moisture content, % up	20
Dry mass ash content, % up	11
Calorific value, kcal/kg	3050–4050
Small particles not more than, %	7

PACKAGE	
Big bale	1 t
Pallet	Up to 1 t
Loose	t



LUMP PEAT FUEL



Lump peat fuel is produced from intermediate type of peat with segmentation level, not lower than 25%. This solid fuel is easily combusted, can be used in solid fuel boilers, fireplaces etc. It is also one of the cheapest fuels in Lithuania. Coal (up to 65%) and oxygen (up to 30%) prevail in the chemical formula of this peat. Lump peat may be divided into lumps of various dimensions (e.g. 300x130x110 mm) and may contain up to 10% particles. Lump peat fuel is harvested at Pabalvė, Šepeta, Aliai, Kalniškiai and Lebeliai peatbogs.

QUALITY INDEXES	
Fuel moisture content, % up	33
Dry mass ash content, % up	2
Calorific value, kcal/kg	2500–3700
Small particles not more than, %	10

PACKAGE	
Big bale	1 m ³
Loose	m ³

REMIL UAB'S NETONYS BRANCH



A branch of Remil UAB situated in Netonys near Raudondvaris (Kaunas district) provides product warehousing services and trades in solid fuel, peat substrates, peat, and garden goods. The branch is engaged in both wholesale and retail trade. Customers buying larger goods quantities may use a delivery service.

In 2022, two new warehouses and a store building were added to the old warehousing area.

TYPES OF PRODUCTS SOLD (at the store of Netonys branch)

Solid fuel: peat semi-briquettes, lump peat, peat granules, wood sawdust granules



Vegetable, herb, flower, lawn grass seeds

Peat: natural, neutralised, for litter



Garden tools, equipment and machinery

Peat substrates for horticulture



Garden surfaces and nets

Fertilisers for garden and greenhouse plants, decorative plants, lawns



Plastic pots and sprouting units

Soil improvement products



Work clothing and personal protection equipment

Plant care and protection products



Warehousing shelves

Biocides



Goods for maintenance of cemeteries



Flexible logistic Solutions

JSC "Durpeta" offers wide range of products not only in Lithuania but also in Central and Western European markets.

JSC "Remil" – JSC "Durpeta" operating partner – ensures the safe and prompt delivery of products to customers in Lithuania and abroad. Many years of experience providing qualified freight transportation services, and taking into account the different geographical regions of individual political and economical conditions enables fast, efficient and flexible response to customer expectations and needs.

For peat production in the local market demand and customers convenience, JSC "Remil" Lithuanian center – is founded in Kaunas region where 10 000 m² logistic warehouse is placed, where you can buy JSC "Durpeta" output. For customers' demand, JSC "Remil" can promptly with specialized transport deliver production to the clients address. JSC "Remil" objective is flexible logistic solutions and continuous improvement, assessing customer expectations, and international market opportunities to be a modern company, aiming to provide quality services and increase sales.

Company's mission – to provide quality services, depending on customer requirements and needs. Deliver the highest quality, foster a responsible attitude to the worker and the client.

Strength of the company is communication in various foreign languages, good relations with customers and longstanding experience in this field.

Transportation

Standard saddle (Tilt machine)

Capacity	Bales number per pallet	Number of pallets in the truck
70 l	42	32
250 l	15/18	32
Big bale	1	24/26

Container 40'HC

Capacity	Bales number per pallet	Number of pallets in the container
70 l	42	24
250 l	15/18	30
Big bale	1	22



The logo for JSC REMIL features a stylized, green and black letter 'R' with a swoosh underneath. Below the 'R', the text "JSC REMIL" is written in a bold, black, sans-serif font.





JSC "DURPETA"

Liepu str. 1, Sepeta, LT-40334 Kupiskis distr., Lithuania
Phone +370 459 38385
e-mail – info@durpeta.lt
www.durpeta.lt

DURPETA UAB'S STORE

7 Bendrių Street, Netonys Village, Raudondvaris Ward, Kaunas District
Phone: +370 37 549862, +370 618 84186

Logistic company JSC "Remil"

Donelaičio str. 38, Kaunas LT-44241, Lithuania
Phone: +370 37 200991, +370 37 407724
e-mail – remil@takas.lt
www.remil.lt

2022