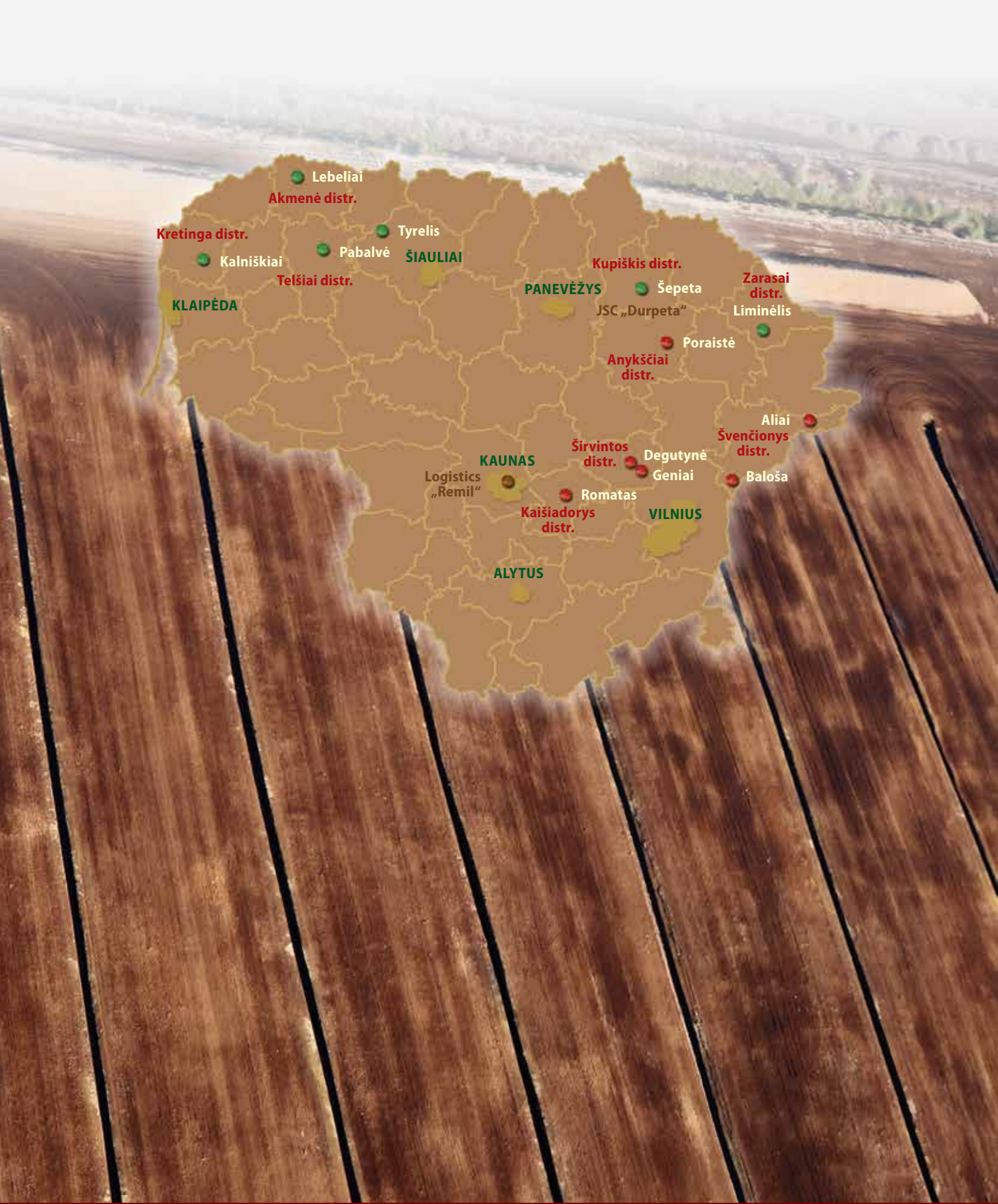




PEAT ♦ PEAT SUBSTRATE ♦ PEAT FUEL





Lebeliai
Akmenė distr.

Kretinga distr.
Kalniškiai
Pabalvė
Tyrelis
Telšiai distr.
ŠIAULIAI

Kupiškis distr.
Šepeta
JSC „Durpeta“
Poraistė
Anykščiai distr.

Zarasai distr.
Liminėlis

Aliai
Švenčionys distr.
Baloša

Širvintos distr.
Degutynė
Geniai

Romas
Kaišiadorys distr.

VILNIUS

KAUNAS
Logistics „Remil“

ALYTUS

KLAIPĖDA

PANEVĖŽYS



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: White 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.

| | |
|--------------|-----|
| WHITE PEAT | H1 |
| | H2 |
| | H3 |
| BROWN PEAT | H4 |
| | H5 |
| BLACK PEAT | H6 |
| | H7 |
| SAPROPEL | 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 | LST 1957 |
| Degree of decomposition % (r value) | 32–44 % | 44–57 % | 57–70 % | LST 1957 |
| 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) | 1–6 % | 1–10 % | 1–15 % | LST EN 13039 |
| Contraction value | 20–30 % | 30–40 % | 40–50 % | LST EN 13041 |
| pH (H ₂ O) | 3,5–5,0 | 3,5–5,0 | 4,0–5,5 | LST EN 13037 |
| Electrical conductivity (1:1) | 1,0–3,0 mS/m | 2,0–5,0 mS/m | 3,0–7,0 mS/m | LST EN 13038 |

WOOD FIBER

It is environmentally friendly organic material that we produce from local, natural renewable raw materials - wood residues (conifer wood chips and stumps).

Mixtures with wood fiber have very high air permeability as well as very good water absorption and retention.

Also wood fiber provides long-term stability of structure, supports healthy and rapid development of roots.

It is a lightweight organic material that allows to minimize logistics costs.

The product is sterile and does not contain weed seeds, harmful nematodes, harmful bacteria, pathogens, and fungal pathogens.

Physical And Chemical Properties Of Wood Fiber

| | |
|-------------------------------------------------------|-------------------|
| Organic material content in dry matter | 96,4 % |
| Dry matter | 63,3 % |
| Ash content in dry matter | 3,6 % |
| pH (CaCl ₂) | 4,3 |
| pH ((H ₂ O) 1:1) | 5,0 – 6,0 |
| Electrical conductivity (1:1) | 0,04 – 0,12 mS/cm |
| Total Nitrogen (N) | 21 mg/l |
| Phosphorus pentoxide (P ₂ O ₅) | 19 mg/l |

| | |
|--------------------------------------------------------------------------|--------------|
| Phosphorus pentoxide (P ₂ O ₅) (H ₂ O) | 44 mg/l |
| Potassium oxide (K ₂ O) | < 18 mg/l |
| Magnesium (Mg) | 95 mg/l |
| Calcium (Ca) | 313 mg/l |
| Sodium (Na) | 5 mg/l |
| Humidity | 35 – 40 % |
| Bulk density | 90 – 100 g/l |



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.

Additives and their marking:



Peat



Compost



Perlite



Saproel



Wood fiber



Wood chips



Microelements



Sand and clay



Bioactivator



Fertilizers



Water absorption



Pine bark

NATURAL PEAT

Natural highmoor peat is widely used in horticulture, floriculture, gardening and animal husbandry. Suitable to improve loam and sandy loam soil physical and biological characteristics, to store vegetables, fruits, flowers' bulbs, also as bedding for animals and birds.

| PRODUCT | FRACTION, mm | CAPACITY, L | PRODUCT CODE | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|--------------------|--------------|-------------|--------------|----------------|--------------------------------|
| Natural White peat | 0-20 | 250 | GP0050 | 18 | 30-32 |
| | 0-10 | 5000 | GP0513 | 1 | 24-26 |
| | 0-40 | 6000 | GP0924 | 1 | 24-26 |
| Natural brown peat | 0-20 | 50 | GP0338 | 51 | 30-32 |
| | 0-20 | 150 | GP0021 | 24 | 30-32 |
| | 0-20 | 250 | GP0020 | 15 | 30-32 |
| | 0-20 | 4000 | GP0040 | 1 | 24 |
| Natural dark peat | 0-10 | 3000 | GP0061 | 1 | 24 |
| | 0-5 | 3500 | GP0648 | 1 | 24 |
| | 0-20 | 4000 | GP00401 | 1 | 24 |



Suitable for use in organic farming/ production in accordance with Regulation (EU) 2021/1165 and (EU) 2018/848, certificate No1-EKO-4.

pH
3,5-4,5
H₂O

N
<20
mg/l

P₂O₅
<10
mg/l

K₂O
<10
mg/l

EC
0,1-0,15
mS/cm (1:1)

%
30-50
%

l/m³
-

NEUTRALIZED PEAT



Neutralized highmoor peat soil of well balanced acidity, in which there is no pathogens, plant pests, weed seeds. Used as a supplement of mulching around stems of fruit trees, decorative trees and shrubs and improvement of plant seedlings, upper layer of soil.

| PRODUCT | FRACTION, mm | CAPACITY, L | PRODUCT CODE | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|------------------------|--------------|-------------|--------------|----------------|--------------------------------|
| Neutralized White peat | 0-20 | 250 | GP08851 | 18 | 30-32 |
| | 0-10 | 5000 | GP00581 | 1 | 24-26 |
| | 0-40 | 6000 | GP1215 | 1 | 24-26 |
| Neutralized brown peat | 0-20 | 50 | GP0116 | 51 | 30-32 |
| | 0-20 | 150 | GP0022 | 24 | 30-32 |
| | 0-20 | 250 | GP0219 | 15 | 30-32 |
| | 0-20 | 4000 | GP0034 | 1 | 24 |

Suitable for use in organic farming/ production in accordance with Regulation (EU) 2021/1165 and (EU) 2018/848, certificate No1-EKO-1.

Additives

Water absorption activator

Fertilisers and microelements

Calcium carbonate

pH
5,5-6,5
H₂O

N
<20
mg/l

P₂O₅
<10
mg/l

K₂O
<10
mg/l

EC
0,1-0,15
mS/cm (1:1)

%
30-50
%

l/m³
0,15

Other fractions, capacities, other pH limits are possible by agreement. In each case, the product is identified by a unique GP code.



Based on our many years of experience and professional know-how, we produce litter products of the highest quality.

We recommend THREE different types of bedding:

- Mixture of peat, peat fibre and wood chips (shavings);
- Wood chips (shavings);
- Natural peat.

All this is for the well-being of poultry and other animals.

We regularly perform quality control checks to ensure that our products meet the highest standards and quality requirements.



ADVANTAGES OF PEAT FIBER, WOOD SHAVINGS MIX for BEDDING

pH can be any from 4,5 to 5,5 depending on the needs. Easy transportation, storage and use. Because of peat's acid nature it's quite sterile. This is due to hostile environment for micro parasites, but peat isn't harmful for young chicks.

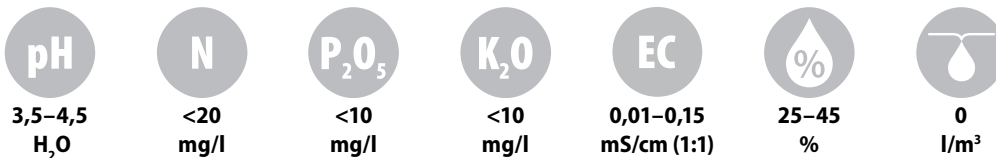
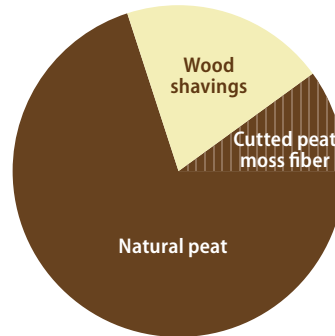


Peat is soft in comparison with chipped wood. Chicks feet are being protected from scratches. Peat absorbs noise, thus letting chicks to grow up in less stress. Peat is good ammonia and smell absorber, making chicks suffer less from blindness and more pleasant for workers. After use in farm, it can be used as good fertilizer and compost.

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.



| PRODUCT | FRACTION | CAPACITY, L | PRODUCT CODE | NUMBER OF PALLETS IN THE TRUCK |
|---------------------------------------|----------|-------------|--------------|--------------------------------|
| NATURAL PEAT FOR LITTER | 0-20 | 4000 | GP0369 | 24 |
| | 0-20 | 5000 | GP0016 | 24 |
| NATURAL PEAT FOR LITTER | 0-10 | 5000 | GP0513 | 24 |
| PEAT MIX WITH FIBER AND WOOD SHAVINGS | 0-20 | 6000 | GP23694 | 24 |
| | 0-20 | 5000 | GP23695 | 26 |
| SHAVINGS | | 10000 | GP26131 | 26 |
| PEAT MIX WITH FIBER AND WOOD SHAVINGS | | 250 | GP236931 | 15 |
| PEAT MIX WITH FIBER AND WOOD SHAVINGS | | 150 | GP23697 | 24 |



PROFFESIONAL LINE

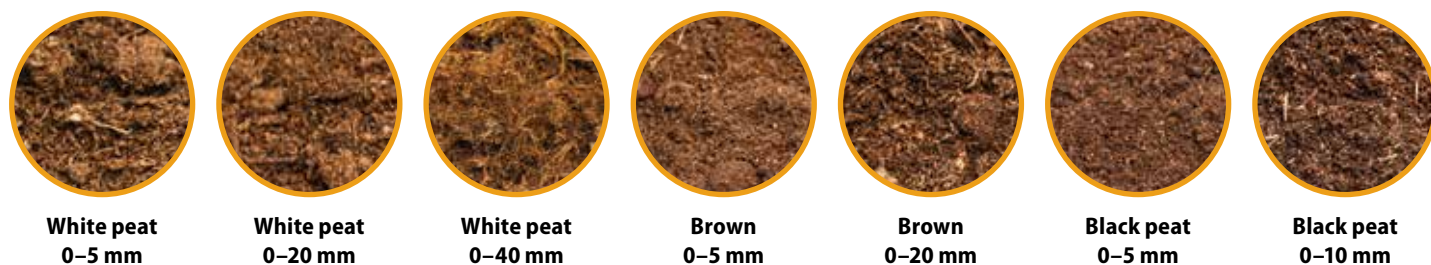
The PROFI line offers high-quality professional substrates designed for sowing, propagation, growing, and planting across various horticultural sectors. Developed to meet the demands of professional growers, these substrates ensure optimal air and water balance, structural stability, and consistent quality throughout the cultivation process.

PROFI substrates feature a balanced pH level, a wetting agent to improve water absorption, a root development stimulator, as well as essential components like clay and perlite to enhance moisture retention and aeration. Care-

fully selected peat fractions and professional-grade additives support healthy root systems and vigorous plant growth at all stages.

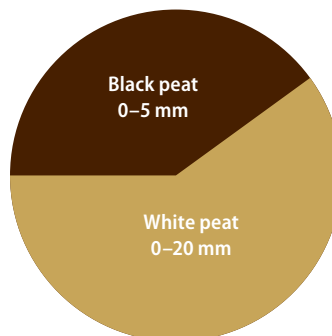
Substrates are supplemented with substances that improve water absorption and inhibit evaporation.

As a result, the substrate retains moisture better than ordinary soil, vegetation does not dry out for a longer period of time and does not need to be watered as frequently. In addition, the substrate does not require any additional preparation, but only needs to be moistened before use.



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



Additives

Water absorption activator

Fertilisers and microelements

NPK fertilisers 14-16-18

Root growth activator



5,5-6,5
H₂O



120-180
mg/l



130-210
mg/l



150-240
mg/l



0,8-1,3
mS/cm (1:1)



45-55
%

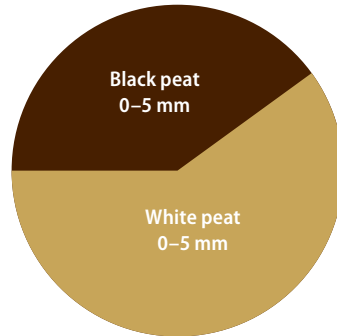


0,15
l/m³



| PRODUCT | CAPACITY, L | PRODUCT CODE | BAGS ON 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 |



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.

Aerate, 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.

Additives

Water absorption activator

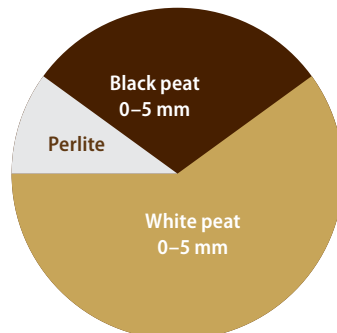
Fertilisers and microelements

NPK fertilisers 12-14-24

Root growth activator

5,5-6,0
H₂O70-110
mg/l80-120
mg/l130-210
mg/l0,6-0,9
mS/cm (1:1)45-55
%0,15
l/m³

| PRODUCT | CAPACITY, L | PRODUCT CODE | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|--------------|-------------|--------------|----------------|--------------------------------|
| PROFI MIX 1a | 70 | GP0912 | 42 | 30/32 |
| | 150 | GP04309 | 24 | 30/32 |
| | 250 | GP0430 | 15 | 30/32 |
| | 4000 | GP0519 | Big bale | 24/26 |

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.

Aerate, 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.

Additives

Perlite

Clay

Water absorption activator

Fertilisers and microelements

NPK fertilisers 14-16-18

Root growth activator

Microelements

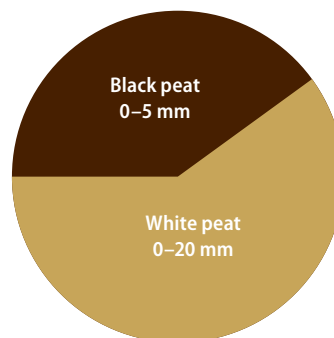
5,5-6,0
H₂O120-180
mg/l130-210
mg/l150-240
mg/l0,9-1,3
mS/cm (1:1)45-55
%0,15
l/m³

| PRODUCT | CAPACITY, L | PRODUCT CODE | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|--------------|-------------|--------------|----------------|--------------------------------|
| PROFI MIX 1b | 70 | GP0520 | 42 | 30/32 |
| | 150 | GP05213 | 24 | 30/32 |
| | 250 | GP0521 | 15 | 30/32 |
| | 4000 | GP0522 | Big bale | 24/26 |



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

**Additives**

Water absorption activator

Fertilisers and microelements

NPK fertilisers 14-16-18

Root growth activator

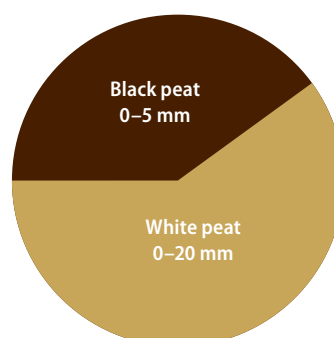
5,5-6,0
H₂O150-230
mg/l170-260
mg/l190-300
mg/l1,1-1,6
mS/cm (1:1)45-55
%0,15
l/m³

| PRODUCT | CAPACITY, L | PRODUCT CODE | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|--------------|-------------|--------------|----------------|--------------------------------|
| PROFI MIX 2a | 70 | GP0558 | 42 | 30/32 |
| | 150 | GP05365 | 24 | 30/32 |
| | 250 | GP0536 | 15 | 30/32 |
| | 4000 | GP1787 | Big bale | 24/26 |

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.

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

**Additives**

Clay 1-8 mm

Water absorption activator

Fertilisers and microelements

NPK fertilisers 14-16-18

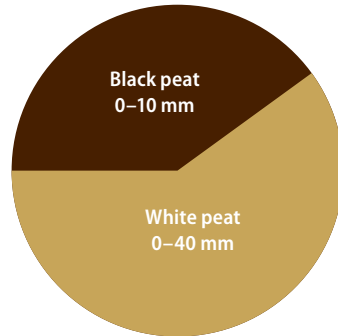
Root growth activator

Microelements

5,5-6,0
H₂O120-180
mg/l130-210
mg/l150-240
mg/l1,0-1,3
mS/cm (1:1)45-55
%0,15
l/m³

| PRODUCT | CAPACITY, L | PRODUCT CODE | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|--------------|-------------|--------------|----------------|--------------------------------|
| PROFI MIX 2b | 70 | GP0523 | 42 | 30/32 |
| | 150 | GP04294 | 24 | 30/32 |
| | 250 | GP0429 | 15 | 30/32 |
| | 4000 | GP0524 | Big bale | 24/26 |



SUBSTRATE **PROFI MIX 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). Aerate and moisten the substrate before use.

Additives

Water absorption activator

Fertilisers and microelements

NPK fertilisers 14–16–18

NPK fertilisers Hydrocomplex

Root growth activator



pH
4,0–5,0
H₂O

pH
5,5–6,5
H₂O

N
130–210
mg/l

P₂O₅
130–210
mg/l

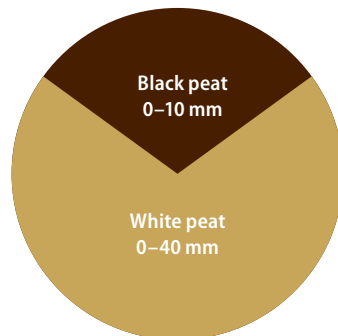
K₂O
180–290
mg/l

EC
0,9–1,5
mS/cm (1:1)

%
45–55
%

0,15
l/m³

| PRODUCT | CAPACITY, L | PRODUCT CODE | EAN CODE | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|-------------------------------|-------------|--------------|---------------|----------------|--------------------------------|
| PROFI MIX 3a FOR CONIFERS | 250 | GP1899 | | 15 | 30/32 |
| | 4000 | GP1900 | | Big bale | 24/26 |
| PROFI MIX 3a FOR DECIDUOUS | 250 | GP0526 | 4771306273967 | 15 | 30/32 |
| | 4000 | GP0527 | | Big bale | 24/26 |

SUBSTRATE **PROFI MIX 3b** FOR DECORATIVE PLANTS

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).

Aerate and moisten the substrate before use.

Additives

Clay

Water absorption activator

Fertilisers and microelements

NPK fertilisers 14–16–18

Prolonged action fertiliser

Root growth activator



pH
4,0–5,0
H₂O

pH
5,5–6,0
H₂O

N
100–150
mg/l

P₂O₅
110–180
mg/l

K₂O
130–200
mg/l

EC
0,7–1,1
mS/cm (1:1)

%
45–55
%

0,15
l/m³

| PRODUCT | CAPACITY, L | PRODUCT CODE | EAN CODE | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|-------------------------------|-------------|--------------|---------------|----------------|--------------------------------|
| PROFI MIX 3b FOR CONIFERS | 250 | GP05291 | | 15 | 30/32 |
| | 4000 | GP05301 | | Big bale | 24/26 |
| PROFI MIX 3b FOR DECIDUOUS | 250 | GP0529 | 4771306273967 | 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 | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|-------------|--------------|---------------|----------------|-----------------------------------|
| 20 | GP25862 | 4771306000907 | 120 | 26/28 |
| 50 | GP2586 | 4771306274179 | 36 | 28/30 |

USE: Aerate, 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 | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|-------------|--------------|---------------|----------------|-----------------------------------|
| 10 | GP17821 | 4779031130036 | *152 | 28 |
| 50 | GP17831 | 4771306000860 | *48 | 24 |
| 80 | GP17841 | 4779031130050 | *36 | 22/24 |



GARDIN SOIL WITH PERLITE FOR POT FLOWERS



Product for growing of flowers in pots, trays, containers or raised beds. The growing medium is made of light and dark highmoore sphagnum peat, perlite, enriched with biohumus and Sapropel extract. The complex mineral fertilizes with trace elements in the soil mix ensure proper vegetation for up to 4–6 weeks. The root development stimulator in the growing medium ensures a better development of the root system.

Quality indexes

| pH (H ₂ O) | Nutritional material, mg/l | | | Microelements (Fe, Mn, Cu, B, Zn, Mo, S ₀₃) | Electrical conductivity, mS/cm |
|-----------------------|----------------------------|-------------------------------|------------------|------------------------------------------------------------|-----------------------------------|
| | N | P ₂ O ₅ | K ₂ O | | |
| 5,5–6,5 | 170–250 | 190–300 | 210–320 | | 1,1–1,6 |

| CAPACITY, L | PRODUCT CODE | EAN CODE | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|-------------|--------------|---------------|----------------|-----------------------------------|
| 10 | GP2656 | 4771306000938 | 200 | 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.





UNIVERSAL 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 (Fe, Mn, Cu, B, Zn...) | Electrical conductivity, mS/cm |
|-----------------------|----------------------------|-------------------------------|------------------|-----------------------------------------|-----------------------------------|
| | N | P ₂ O ₅ | K ₂ O | | |
| 5,5–6,5 | 100–180 | 110–210 | 130–240 | | 0,8–1,3 |

| CAPACITY, L | PRODUCT CODE | EAN CODE | BAGS ON 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.

SUBSTRATE FOR VEGETABLES

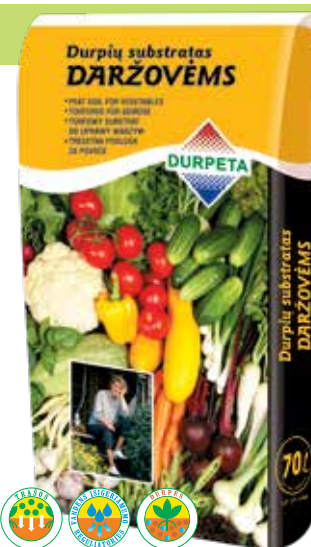
Substrate is intended for growing vegetables (cucumbers, tomatoes, peppers and etc.). Peat fraction is medium.

Quality indexes

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

| CAPACITY, L | PRODUCT CODE | EAN CODE | BAGS ON 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.



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 (Fe, Mn, Cu, B, Zn...) | Electrical conductivity, mS/cm |
|-----------------------|----------------------------|-------------------------------|------------------|-----------------------------------------|-----------------------------------|
| | N | P ₂ O ₅ | K ₂ O | | |
| 5,5–6,0 | 120–180 | 130–210 | 150–240 | | 0,8–1,3 |

| CAPACITY, L | PRODUCT CODE | EAN CODE | BAGS ON 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.





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 | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|-------------|--------------|---------------|----------------|-----------------------------------|
| 20 | GP0062 | 4771306273332 | 120 | 30/32 |
| 70 | GP0336 | 4771306273325 | 42 | 30/32 |
| 250 | GP0430 | 4771306273714 | 15 | 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 | BAGS ON 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.



SUBSTRATE RHODODENDRONS, HYDRANGEAS AND AZALEAS



Substrate is intended for plants adapted to more acid environment (pH 3,5–4,5) (rhododendron, hydrangeas, azaleas, and etc.), also for soil improvement. Substrate is made according to special recipe from ecologically clean peat, enriched with wood bark, compound of fertilizer with microelements, wetting agent. 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 | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|-------------|--------------|---------------|----------------|-----------------------------------|
| 50 | GP00722 | 4771306000846 | 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.





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 | BAGS ON 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.

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 | BAGS ON 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.



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 | BAGS ON 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 SUBSTRATE 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 | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|-------------|--------------|---------------|----------------|--------------------------------|
| 5 | GP0888 | 4771306000969 | 300 | 30/32 |

SUBSTRATE FOR HERBS, MICROGREENS

Peat-based growing medium with mineral and organic fertilizers. Intended for growing spice plants (basil, parsley, dill, oregano, coriander, thyme, etc.), microgreens (sunflower, radish, peas, etc.) and herbs (mint, lemon balm, chamomile, sage, etc.) in pots, trays, seedling flats, containers or raised beds. Ensures balanced air–water–nutrient ratio, uniform germination, strong root development and rapid growth. Produced from light and dark peat, enriched with biohumus, perlite and zeolite. Contains longacting organic fertilizers; nutrient supply lasts 2–3 months, after which additional fertilization is not necessary.

All components, which are used in substrate production meet all requirements for ecological production and are produced under EU Regulation (EU) 2021/1165 and (EU) 2018/848, certificate No1-EKO-3.

| Quality indexes | | | | | |
|-----------------------|----------------------------|-------------------------------|------------------|---------------------------------------------------|--------------------------------|
| pH (H ₂ O) | Nutritional material, mg/l | | | Microelements | Electrical conductivity, mS/cm |
| | N | P ₂ O ₅ | K ₂ O | | |
| 6,0–7,0 | 170–250 | 150–230 | 210–330 | (Ca, Mg, Fe, Mn, Cu, B, Mo, Zn, SO ₄) | 1,1–1,6 |

| CAPACITY, L | PRODUCT CODE | EAN CODE | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|-------------|--------------|---------------|----------------|--------------------------------|
| 10 | GP09021 | 4771306273950 | 200 | 30/32 |



SOIL FOR CACTUS AND SUCCULENT

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 | BAGS ON 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.



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 Additives 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 | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK | |
| 50 | GP2347 | 4771306274063 | 51 | 30/32 | |

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 | BAGS ON 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 | BAGS ON 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.



SUBSTRATE **EKODURPETA** (UNIVERSAL)

Intended for organic farming and gardening in accordance with Regulation (EU) 2021/1165 and (EU) 2018/848, certificate No1-EKO-2. 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 | BAGS ON 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.

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 | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|-------------|--------------|---------------|----------------|-----------------------------------|
| 70 | GP0515 | 4771306273813 | 42 | 30/32 |

USE: to set new lawn, 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 PEAT MULCH **FOR GARDEN**

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 | BAGS ON 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.





SUBSTRATE FOR DECORATIVE PLANTS AND SHRUBS

Substrate is intended for growing and care of decorative plants, saplings, shrubs, adapted to middle acid environment (pH 4,5–5,5), also for soil improvement. Substrate is made according to special recipe from ecologically clean peat, enriched with compound of fertilizer with microelements, wetting agent. 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 | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|-------------|--------------|---------------|----------------|-----------------------------------|
| 50 | GP01152 | 4771306000853 | 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.

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 | BAGS ON 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.



DECORATIVE MULCH

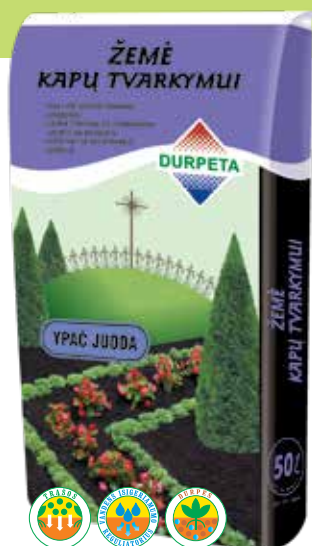
Mulch retains moisture in the soil and protects roots from seasonal temperature fluctuations: maintains higher temperatures in winter and lower temperatures in summer. It also prevents weed growth and protects soil from erosion.

| CAPACITY, L | PRODUCT CODE | EAN CODE | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|-------------|--------------|---------------|----------------|-----------------------------------|
| 50 | GP09481 | 4771306273882 | 51 | 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.



SOIL FOR GRAVES TRIMMING



Soil for graves trimming is produced of 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 | BAGS ON 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.

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.

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 | 100–160 | | 0,5–0,9 |

| CAPACITY, L | PRODUCT CODE | EAN CODE | BAGS ON PALLET | NUMBER OF PALLETS IN THE TRUCK |
|-------------|--------------|---------------|----------------|-----------------------------------|
| 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 | BAGS ON 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.



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" products. 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 | Bags on 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 | Bags on pallet | Number of pallets in the container |
|----------|----------------|------------------------------------|
| 70 l | 42 | 24 |
| 250 l | 15/18 | 30 |
| Big bale | 1 | 22 |



Object: S. Darius and S. Girėnas Stadium, Perkūno al. 5, Žaliakalnis, Kaunas. General contractor: UAB Autokausta. Authors of the architectural solution: Tomas Kuleša, Gintaras Čepurna (UAB Archas). Period of construction works: 2018–2022

After reconstruction, S. Darius and S. Girėnas Stadium in Kaunas is the largest in Lithuania and one of the most modern in the Baltic countries. The stadium is remarkable for its advanced technological solution, laying 40-cm-wide, 2.5-m-long grass turf rolls from *Senųjų Kalvelių ūkis* (a farm) in Anykščiai District in a 7,000-m² area on a specially-prepared 3-layer substrate mixture, which we produced with advice from Associate Professor Evaldas Klimas of the VMU Agriculture Academy. In order for the lawn to grow quickly and evenly and to remain healthy, it was necessary to select soil of the right structure and composition. Additives of volcanic origin have

been added to the soil, which absorb heavy metals, stimulate the development of the lawn's roots and help regulate soil pH and inhibit the spread of fungal diseases.

This lawn made of grass turf rolls is special in that it contains creeping ryegrass (*Lolium*), which, thanks to the high-quality substrate under the lawn, grows back very quickly in case of damage. The grass is warmed by a 33-km-long system of tubes and pipes underneath it, and is watered using a system of 12 sprinklers. The natural grass layer is densely "stitched" with artificial fibre reinforcement material, which ensures the lawn's resilience to mechanical impact.







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