

# SULIFLOR - INSPIRATION IN GROWING

Peat and peat substrates



Production brand:



## SULINKIAI PEAT BOG

Our history starts in 1938 as company was founded to provide quality peat fuel. Now it is a family run business operating peat bogs in the central and southern parts of Lithuania with strong positions in production of peat and peat based growing media for greenhouses, garden centers, landscapers, mushroom

growers and sales in Europe and other parts of the world. Our products are marketed under "Suliflor" brand name.

*“Strong positions in production of peat and peat based growing media”*



# PEAT HARVESTING

Peat moss is harvested during May – August by method of surface milling.





## PEAT HARVESTING

Peat is harvested by special harvesters and heaped into stock piles.

Peat moss harvesting on „Sulinkiai“ peat bog is carried out responsibly, strictly following general licence, permissions, harvesting limits, other regulations issued by Lithuanian Ministry of Environment, Geological Survey and other state authorities. Here is after-use plan (after peat extraction is finished) prepared for

Sulinkiai peat bog, corresponding the environmental standards of peat production with priority for biodiversity and restoration of peat growth.

*“Sulinkiai peatbog is carried out responsibly”*



## OWN LABORATORY



- PH, EC
- Screening quality
- Volume, density
- Humification grade, ash, organic matter
- Moisture content
- Contamination of peat products by weed seeds

# SULIFLOR - GROWING MEDIA PRODUCTION

Our products are marketed under  
"Suliflor" brand name.

Growing media production is  
based on peat moss harvested on  
„Sulinkiai" peat bog.

We produce professional and  
hobby substrates.





## STANDARD SULIFLOR

Peat and peat substrates for professional growers.

# STANDARD SULIFLOR

*“Because of its excellent properties”*

Peat is major component for production of substrates because of its excellent properties. It has high porosity, high water holding capacity, low pH, low nutrient content. Addition of limestone and fertilizers turns peat into high value growing media. Screening peat into various fractions helps to produce substrates with a wide range of physical properties:



- Fine peat (0-6 mm) very clean, high water holding capacity. Used for production of propagation substrates for ornamentals, vegetables from seed. Good for automatic seeding lines, modular trays, hobby seeding substrates, for golf course construction , as a top dressing for lawns, as an amendment to heavy clay soils.
- Medium, universal peat (0-20 mm) used for production of big variety of potting soils, universal

substrates i.e. for plants in pots, containers, tubs, hanging baskets, for landscaping, hobby gardening Available options with no fibers for automatic potting machines, options with milled fibers.

- Medium/Coarse structure peat (6-20 mm) used for production of substrates where high air capacity and good drainage is recommended, for crops sensitive to water, if frequent leaching is required, perennials, hanging baskets.



Many horticultural or landscaping companies prefer dark peat because it's:

- Higher water capacity – retains water for a longer period
- Losing less water through evaporation and drainage
- Advantage in hot climate or summer
- Rich in humic acid which stimulates root growth

- Better buffering – for both water and nutrients/increased crop security
- Compact growth of plants
- Better shelf life
- Higher content of organic matter



SULIFLOR - INSPIRATION IN GROWING

# SULIFLOR SF1 PROPAGATION SUBSTRATE



Propagation substrate SF1 is suitable for a wide range of growing needs, particularly where less frequent watering is desired. It has fine structure, a low fertilizer level.

This substrate is recommended for seed germination and plugs, for bedding and vegetable plant crops.

Wetting agent – FIBA-ZORB. Rapid wetting and re-wetting, improves drainage, maximizes the applied fertilizers and nutrients.

Type of product	Trade name	Quantity (EN 12580) when filled	Instructions for use	Structure
Peat based growing media	SULIFLOR SF1	70 l, 225 l, 5000 l	For sowing, sticking, pricking out	Fine

Organic matter	pH (EN 13037)	EC mS/cm (1:1,5)	Country of origin
> 80 %	5.5 – 6.5	0.5 – 0.8	Lithuania, <a href="http://www.suliflor.com">www.suliflor.com</a>

# SULIFLOR SF2 MULTIPURPOSE SUBSTRATE

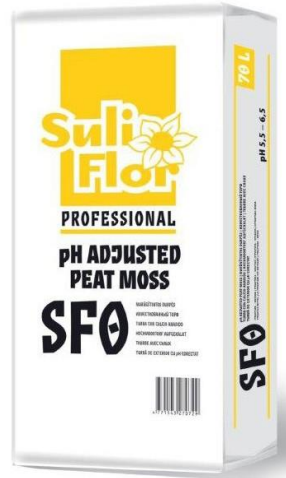


Raw material: Dark peat, free of weeds, diseases and impurities, different humification grades H3 – H6. Basic additives: calcitic & dolomitic limestone – corrects pH of the substrate, supplies essential plant nutrients Ca + Mg. pH 5,5 – 6,5 (other levels of pH 4,5 -7,0 are available under special request). Fertilizer: compound fertilizer containing N – P<sub>2</sub>O<sub>5</sub> – K<sub>2</sub>O 14:16:18, 1.7kg/m<sup>3</sup>, trace elements (other types of fertilizer are available under special request).

Type of product	Trade name	Quantity (EN 12580) when filled	Instructions for use	Structure
Peat based growing media	SULIFLOR SF2	70 l, 225 l, 5000 l	Multipurpose growing medium for ornamentals and vegetables	Medium

Organic matter	pH (EN 13037)	EC mS/cm (1:1,5)	Country of origin
> 80 %	5.5 – 6.5	1.0-1.5	Lithuania, <a href="http://www.suliflor.com">www.suliflor.com</a>

# SULIFLOR SF0 PH ADJUSTED PEAT MOSS



pH 5.5-6.5. The most of plants require pH values between 5.0 and 6.5 (other levels of pH 4,5-7,0 are available under special request). Raw material. Dark peat, free of weeds, diseases and impurities, different humification grades H3 – H6.

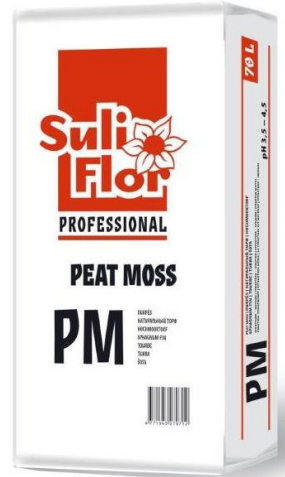
Structure: fine, medium, medium coarse.

Basic additives: calcitic & dolomitic limestone. Adjusts pH of the peat moss, supplies essential plant nutrients Ca + Mg.

Type of product	Trade name	Quantity (EN 12580) when filled	Instructions for use	Structure
Peat based growing media	SULIFLOR SF0	70 l, 225 l, 5000 l	For preparation of substrates, soil improvement.	Fine, Medium, Medium coarse

Organic matter	pH (EN 13037)	EC mS/cm (1:1,5)	Country of origin
> 80 %	5.5 – 6.5	< 0,3	Lithuania, <a href="http://www.suliflor.com">www.suliflor.com</a>

# SULIFLOR PM NATURAL PEAT MOSS



Promotes better plant growth, aerates heavy clay soils, binds sandy soils, saves water by retaining moisture and releasing it slowly, improves soil microbial activity, adds organic material to soils, saves on fertilizer by reducing nutrient leaching. With acid-loving plants such as a rhododendrons or azaleas it is ideal as a soil additive – improves water retention and soil aeration, stimulates root development. Wetting agent FIBA ZORB.

Type of product	Coarseness	Quantity (EN 12580) when filled	Instructions for use	Raw material
Peat based growing media	0-6 mm, 0-20 mm, 6-20 mm	70 l, 225 l, 5000 l	Soil improvement, substrate mixing	Sphagnum Peat Decomposition degree (H3-H6)
Organic matter	pH (EN 13037)	EC mS/cm (1:1,5)	Country of origin	
> 95 %	< 4,5	< 0,3	Lithuania, <a href="http://www.suliflor.com">www.suliflor.com</a>	



## SPECIAL SULIFLOR

We help our customers to develop their own formula products for individual markets including recipe, bag design and much more.



Customers of Sulinkiai usually start with standard substrates, but variety in greenhouse equipment, technologies, traditions is so big that we have not so many customers ordering identical substrates. After the first deliveries of standard substrates we are receiving return information usually with requirements to change or add something. „Something“ means a big variety of possibilities we are offering to our customers.

We offer special fertilization options: low/high mineral fertilizer levels, controlled release fertilizers, organic fertilizers. Organic/mineral fertilizers, special fertilizer, organic additives for better root development, additional trace elements:

- Special pH levels (3.5-4.5, 4.0–5.0, 5.0 – 6.0, 5.5-6.5).
- Other additives: Clay, perlite, Wetting agent, sand.
- Different screening options: fine,

medium, medium/coarse.

- Packaging in Suliflor SFS 70/80, 225/250 L bags, Big bales 4000/5000/6000 L



**BIO**  
**SULIFLOR**

The only source of nutrients in bio vegetable soil are natural and organic materials



## BIO SEEDING SOIL



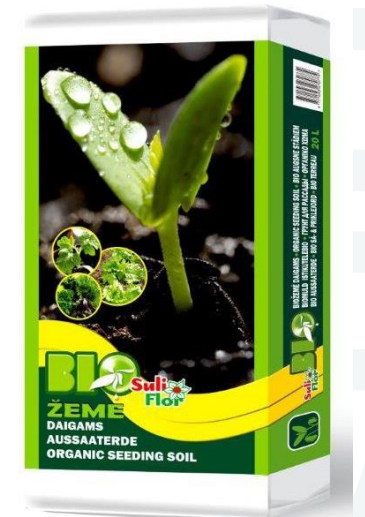
The only source of nutrients in bio seeding & herbs soil are natural and organic materials authorized for the organic horticulture (market gardening, floriculture, arboriculture, nurseries) according to EC Regulation No. 889/2008.

Suliflor BIO seeding soil is suitable for a wide range of growing needs. It has fine structure, recommended for seed germination, for growing herbs in containers – Basil, Parsley, Chives, Rosemary, Sage, French Tarragon, Thyme, for

bedding and vegetable plant crops.

Organic long lasting bio-fertilizer supplies plants with all natural nutrients up to 75-100 days. Improves rooting, flowering, fruit formation, brings microbiological activity into soil.

Peat – makes soil very porous. Free of weeds, diseases and impurities. Natural limestone. Adjusts pH of the soil, supplies essential plant nutrients Ca + Mg.



- Bag sizes 20 l, 5000 l

## BIO VEGETABLE SOIL



The only source of nutrients in bio vegetable soil are natural and organic materials authorized for the organic horticulture (market gardening, floriculture, arboriculture, nurseries) according to EC Regulation No. 889/2008.

Suliflor BIO vegetable soil is created for growing of cucumbers, tomatoes, peppers and many other indoor or outdoor plants.

It's medium structure, nutrient-rich composition is essential to the

success, cultivating vegetable crops.

Organic long lasting bio-fertilizer supplies plants with all natural nutrients up to 60-80 days. Improves rooting, flowering, fruit formation, brings microbiological activity into soil.

Peat – makes soil very porous. Free of weeds, diseases and impurities.

Natural limestone. Adjusts pH of the soil, supplies essential plant nutrients Ca + Mg.



• Bag sizes 20 l

# BIO UNIVERSAL SOIL



The only source of nutrients in bio vegetable soil are natural and organic materials authorized for the organic horticulture (market gardening, floriculture, arboriculture, nurseries) according to EC Regulation No. 889/2008. Suliflor BIO universal soil is created for a wide variety of plants – bedding and vegetable plants, potted plants, flower and foliage plants, hanging baskets, bulbs.

It's porous structure, nutrient-rich composition is essential for

flowering, green and vegetable plants.

Organic long lasting bio-fertilizer supplies plants with all natural nutrients up to 60-80 days. Improves rooting, flowering, fruit formation, brings microbiological activity into soil.

Peat – makes soil very porous. Free of weeds, diseases and impurities.

Natural limestone. Adjusts pH of the soil, supplies essential plant nutrients Ca + Mg.



- Bag sizes 20 l, 45 l, 70 l



## PREMIUM SULIFLOR

Professionally prepared ready to use substrate for the sowing of seeds, seedlings and cuttings.

## PREMIUM SEEDING SUBSTRATE



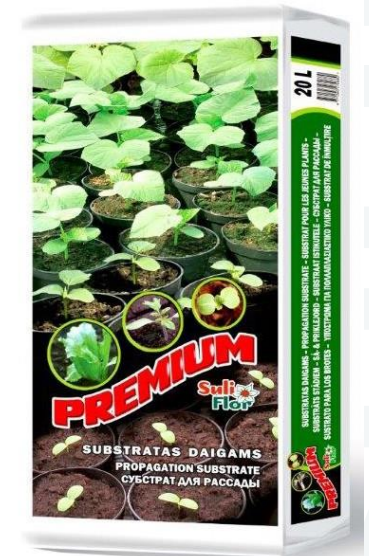
Professionally prepared ready to use substrate for the sowing of seeds, seedlings and cuttings. Clean organic materials and natural mineral supplements are used in production of Suliflor Premium Propagation substrate. The fine structure of mix encourages high germination and easy transplanting of seedlings

Raw material: peat H4-H6. Peat – makes soil very porous. Free of weeds, diseases and impurities.

Fertilizer: Soluble mineral fertilizer provides the plant with all primary nutrients, required for the development. Improves rooting, flowering, fruit formation, brings microbiological activity into soil.

Natural limestone. Adjusts pH of the soil, supplies essential plant nutrients Ca + Mg.

Wetting agent FIBA ZORB. Rapid wetting and re-wetting, improves drainage, maximizes the applied fertilizers and nutrients.



- Bag sizes 20 l

## PREMIUM UNIVERSAL SUBSTRATE



Suliflor PREMIUM multipurpose substrate is created by professionals for a wide variety of outdoor and indoor plants – bedding and vegetable plants, potted plants, flower and foliage plants, hanging baskets, bulbs. It's porous structure, nutrient-rich composition is essential for flowering, green and vegetable plants. Raw material: mixture of selected sorts of peat, free of weeds, diseases and impurities, different humification grades H3 – H6. Peat

– makes soil very porous.  
Basic additives: calcitic & dolomitic limestone – corrects pH of the substrate, supplies essential plant nutrients Ca + Mg.  
Fertilizer: Mixture of organic and mineral fertilizer. Quickly soluble mineral fertilizer supplies all the required nutrients for the primary development. Long-lasting organic bio-fertilizer feed plant up to 60-80 days.  
Wetting agent FIBA ZORB. Rapid wetting and re-wetting, improves drainage, maximizes the applied fertilizers and nutrients.



- Bag sizes 20 l, 45 l, 70 l

## PREMIUM RHODODENDRON SUBSTRATE



Suliflor Rhododendron Mix is a premium quality, ready to use, special mix for all acid soil loving plants such as Rhododendrons, Azaleas, Camellias and Heathers. Enriched with all necessary nutrients.

Sphagnum peat moss ensures perfect aeration and water storage.

Wetting agent – FIBA ZORB ensures easy wetting and rewetting, even distribution of water.

Rhododendrons have specific requirements for moist, but well drained acid soil with plenty of organic material in it.



- Bag sizes 45 l, 70 l

## SULIFLOR PREMIUM ACID SUBSTRATE

Blueberry bushes require acidic soil- pH should ideally be between 4 and 5, high in organic matter, well-drained but moist. Blueberries are attractive addition to overall landscape, offering scarlet fall foliage and creamy white spring flowers. Use Suliflor Premium acid substrate for blueberry planting. Basic advantages of this substrate:

- pH of the substrate is between 4.0 and 5.0



- High in organic matter
- Balanced macro nutrients, contains dolomite
- Extended release time of trace elements

### Recommendations:

Apply more fertilizer one month after planting, not at time of planting. Fertilizing is better left undone than overdone, as ericaceous plants have low nutrient requirements compared to most other plants. Mulch to keep blueberry root systems moist, which is essential. Apply a 5– 10cm layer of natural peat (woodchips, pine needles) after planting.



- Bag sizes 80 l



# PREMIUM SULIFLOR

## QUALITY COMPOST FOR BALCONY FLOWERS



Specialized, Premium quality compost for balcony flowers and for all flowering plants in pots.

Recommended uses: for raising flowers in pots, hanging baskets and tubs and window boxes such as Petunia, Pelargonium, Verbena, Lobelia, Pansy, Bacopa, Begonia, Tagetes, Impatiens.

Balcony plants need to be watered and fertilized regularly. Specialized quality of this compost will help with both watering and fertilization.

Type of product	Produkto pavadinimas	Bag size	Instructions for use	Coarseness
Growing media	Žemė Premium for balcony flowers	50 l	For raising flowers in pots, hanging baskets and tubs and window boxes	Fine / medium

Organic matter	pH (EN 13037)	EC mS/cm (1:1,5)	Country of origin
> 90 %	6.0 +/- 0.5	1.0-1.5	Lithuania, <a href="http://www.suliflor.com">www.suliflor.com</a>

- Bag size: 50

## TRADITIONAL SULIFLOR

Traditional Suliflor –  
multipurpose potting soil, rich  
in nutrient, which can be used  
for indoor and outdoor plants.



# SULIFLOR UNIVERSAL SUBSTRATE



A multipurpose potting soil, rich in nutrient, which can be used for indoor and outdoor plants. Potted indoor plants, bedding plants, patio containers, hanging baskets will benefit from a transplant into the Multipurpose Potting Mix.

The soil is specially formulated to provide both high moisture retention and to provide good drainage.

The soil contains ingredients to promote plant growth and rapid root development and easy transplanting.

The additional fertilizing is recommended after 4 weeks.



- Bag sizes 5 l, 10 l, 20 l, 45 l, 70 l, 150 l

## RHODODENDRON SUBSTRATE



Suliflor Rhododendron Mix is a premium quality, ready to use, special mix for all acid soil loving plants such as Rhododendrons, Azaleas, Camellias and Heathers. Enriched with all necessary nutrients. Sphagnum peat moss ensures perfect aeration and water storage.

Wetting agent – FIBA ZORB ensures easy wetting and rewetting, even distribution of water.

Rhododendrons have specific requirements for moist, but well drained acid soil with plenty of organic material in it.



- Bag sizes 20 l

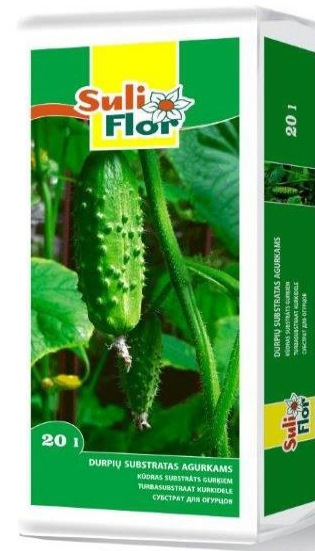
# CUCUMBER & TOMATO SOIL



Peat substrate for propagation of seeds and growing of vegetable seedlings in trays and pots.

The right balance of nutrients and trace elements, adjusted pH level, enhances healthy seedlings growth and development.

2-3 days before use of a substrate it should be completely wetted. Start additional fertilization 3 – 4 weeks after seeding.



- Bag sizes 20 l

## FLOWER SOIL



Peat soil for various flowers, which is prepared from environmentally friendly organic materials, natural mineral supplements. Good retention of water, no diseases.

The components provide an excellent plant growth, rapid root development. Substrate is recommended both for outdoor and indoor flowers, ornamental plants in pots, hanging baskets.



- Bag sizes 10 l, 20 l

## RHODODENDRON PEAT MOSS



Natural sphagnum peat moss for acid loving plants such as rhododendrons or azaleas. Mix it liberally with soil to improve acidity, water retention, aeration. Addition of 100 - 150 g of compound fertilizer NPK recommended.

Plant Your rhododendron in Sphagnum Grov acid coarse peat moss. These plants are extremely efficient at extracting nutrients from the acid soil, very little supplemental care is required. Completely organic sphagnum peat moss with the unique cell structure helps to regulate moisture and air around rhododendron roots.



- Bag sizes 250 l

# FLOWER PLANTING SOIL



Flower planting soil is formulated for different growing situations – preparing flowerbeds, outdoor vegetable garden, planting shrubs and trees, soil improving.

Combine planting soil with existing soil in outdoor beds for planting Begonias, Sweet peas, Geraniums, Lobelias, Petunias, Rudbeckias, other bedding flowers, vegetable plants.

Use this planting soil for growing of potted flowers. It is formulated to improve the performance of pot -

grown flowers, contains nitrogen, phosphorus, potassium, calcium, magnesium, trace elements.

Use it as soil fertilizer & conditioner which binds sandy soil, retains moisture, aerates clay soil, brings plenty of organic matter and nutrients into soil.



- Bag size: 50 l



## NATURAL PEAT MOSS



SULIFLOR Peat Moss is the perfect soil conditioner from all natural resources. Because of the high volume of organic matter, a high water storage capacity and it's stable structure SULIFLOR Peat Moss is recommended for all gardening i.e.:

- Improvement and binding of sandy soil – 20-30 Litre per sqm
- Improvement of heavy clay soil – app. 10-20 Litre per sqm

- Establish new lawn areas – spread 2-3 cm thick
- Mix with garden composts and top soil 50/50
- Root protection against frost spread around roses, shrubs and bushes
- Ground spread in cages for small animals

We recommend Peat Moss while planting shrubs and trees for perfect rooting results.



- Bag sizes 150l

## PEAT SUBSTRATE FOR GRAVES



The peat substrate is made by mixing qualitative hard frozen shredded black sphagnum peat, fertilizers and special additives. It is intended for planting of graves, handling of environmental herbs, growing of plants and flowers, and improvement of soil.

The substrate ensures suitable acidity of soil and optimal feeding of plants.

**ADVANTAGES:** Dark color provides an appropriate solemnity and quiet to the environment. The substrate is porous, perfectly absorbs water, suppresses moisture, and has no infections.

**RECOMMENDATIONS:** Fertilize the existing soil of a grave in moderation with a complex fertilizer (approximately 20 g/ m<sup>2</sup>). Plant in flowers and herbs. Cover the entire surface with the lay of peat substrate of 2-3 cm and smoothen it out carefully. Maintain moderate moisture by watering periodically. We recommend fertilizing after 1 month.



- Bag sizes 20 l, 45 l

# GARDEN COMPOST



Garden Compost is the key to garden success – as potting soil for ornamental and vegetable plants, as soil improver for outdoor vegetables & flowers, greenhouses, for transplanting trees & shrubs, other garden plants. The ideal growing medium – for pots and containers, tubs, window boxes and hanging baskets.

Source of nutrients – contains well balanced nutrients nitrogen, phosphorus, potassium, calcium, magnesium, trace

elements – much more nutrients than in standard compost.

Source of natural, biologically active organic matter which helps to enhance healthy plant growth and development.

Soil improver – soil fertilizer & conditioner, binds sandy soil, retains moisture, aerates clay soil, but what is most important brings plenty of organic matter and nutrients into soil.

Helps to keep plants strong, garden looking its best, grow healthy vegetables.



• Bag size: 150 l

# LAWN SOIL



- Fine structured. It has been sieved twice and contains no long fibers
- pH 6,0 – 7,0
- Contains starter fertilizer and limestone
- Contains wetting agent - improves water penetration to the roots
- Contains sand

Recommendations :

New lawns & renovation,  
overseeding, repair of bare spots

1

Prepare the surface for sowing - aerate, cultivate, rake etc.- Fertilize with a good lawn fertilizer - Sow mixture of grass seeds- Ensure good contact between the seed and the soil - push the seeds into the loosened top layer using a roller. Don't worry if most of the seeds are exposed, that is fine.

2

Cover seeds with 5 – 7 mm of Lawn Soil. The Lawn soil will act both as a protective layer for the seeds and as a mulch. It is only necessary to cover the soil and seeds so they are not visible. As long as you can't see the soil, that's fine. It is very important part of this process. The mulch is important to help the soil retain its moisture

3

Water EVERY DAY until the seedlings are established, for about 2 weeks.

Recommendations :

- Bag size: 70 l

# SULIFLOR CONTACTS:

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