

PROFESSIONAL Products

Our international best-sellers

Why the name Arber?

Arber is **Agnes Robertson's** last name, a British plant anatomist, morphologist, Biology philosopher, and Botany historian. She has become very well known for her significant contributions to scientific research initially focused on the monocotyledon class of flowering plants. She also contributed to the development of morphological research and studies in botany. The later part of her life and works were concentrated on the philosophy of botany topics, specifically on the nature of biological research.

We chose to call our company Arber because, as in Agnes Arber's case, **our passion for horticulture** is the guiding star of our commitment to our customers and stakeholders.



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Our history

Our founder's passion for horticulture and botany allowed him to establish **Sudest Europe** in 1996: a family owned business now leading in the professional and hobby growing media industry.

In 2016 we rebranded our company to **Arber Horticulture**, a choice we made for two main reasons. First of all because we wanted to translate our passion and dedication for horticulture: as a matter of fact, our name was inspired by Agnes Arber, one of the most important botany scientists in the world. Secondly, our rebranding reflects the higher geographical scope of our business: from a company born in Italy (in Europe's south-east side which is where Sudest - our

previous name - comes from) and mostly operating in the Italy market, to a company that exports its products worldwide.

Arber Horticulture is fully committed to help growers reach the best possible results for their productions. What sets us apart from our competitors is the **quality** of our substrate as well as our **customer orientation**.

Le nostre linee business



Professional Products

Professional substrates
Growbags
Raw materials



Hobby products

Hobby substrates



Biomass

Baltpell

Customer orientation

Together with our partners, we guarantee consistent **technical research** coupled with the **best customer care** for our growers. Arber products are created to provide the best growing media and technologies in order to ensure the most suitable solutions for our customers' growing needs.

Our quality

Arber Horticulture produces and sells a complete range of growing media for horticulture as well as biomasses. Our peat bogs and factories are mainly located in the **Baltics and in Germany** and are equipped with modern quality management systems in compliance with **ISO 9001** standards as well as European regulations as members of the European Peat and Growing Media Association (EPAGMA).



Production areas

	Blonde peat	Black peat	Cocopeat	Coconut fiber	Wood fiber	Substrates	Biomass	Vermiculite	Mulching
Estonia	✓								
Latvia	✓	✓					✓		
Lithuania	✓	✓				✓			
Germany	✓	✓	✓	✓	✓	✓			
Belgium								✓	
Italy						✓			✓





Sustainability

Arber Horticulture strongly believes in preserving the environment. One of our objectives is to use natural resources responsibly and we promote sustainable peat extraction methods. In order to achieve this, together with our partners we

are committed to both the recovery of natural swamps and to comply with the most advanced regulations on quality management.

Our professional growing media

Thanks to its excellent physical, chemical and biological characteristics, blonde and/or black sphagnum peat moss is the main component of our growing Media which we combine with other components to fulfill our customers' specific growing needs. Our 500+ mixes have been developed and tested to provide high quality and reliable plant growth to fulfill the needs of professional growers. Finally, thanks

to our agile production system, we are able to create custom mixes afrompted to our customers' requests.

5M m³
of growing media sold since 1996
Customers in 20+ countries

News



Bio Seeding

Growing media for biological seedling cultivation.
Find out more at page 8.



Bio Aromas G1

Growing media for the cultivation of basil and aromatic plants.
Find out more at page 8.



Blueberry K1

Ideal growing media for blueberries.
Find out more at page 16.



Press RK

Balanced fine-structure growing media designed for seedling cultivation.
Find out more at page 10.



Medical Cannabis Seed

Professional growing media for medical hemp seedling cultivation.
Find out more at page 14.



Medical Cannabis Pot

Professional growing media for medical hemp production in pots.
Find out more at page 16.



Growbags

Growbags with plastic coating for the production of tomatoes, garden vegetables and strawberries.
Find out more at page 29.



Bio Substrates

BIO SUBSTRATES

Bio Seeding

Bio Seedinging



70L
Q./plt
45



Big Bale
Q./plt
1



Germany

BIO

Substrate for bio cultivation of seedlings.

Structure: Fine

Chemical properties

Conductivity:	0.6-1.0 mS/cm
Apparent density:	287 Kg/ m ³
Wetting agent:	0,1 Kg/ m ³
Ph:	5.4-6.2

Physical properties

Blonde peat	45%
Black peat	20%
Wood fiber - Extra fine	10%
Cocopeat	15%
High quality compost	10%

Fertilization

Oko Mix 4	NPK 7-7-10+	1 Kg/ m ³
Oko Mix 1	NPK 9-5-3+	1 Kg/ m ³
Radigen		0,1 Kg/ m ³

BIO SUBSTRATES

Bio Aromas G1

Basil and aromatic plants



70L
Q./plt
39



Big Bale
Q./plt
1



Germany

BIO

Substrate for bio cultivation of basil and aromatic plants.

Structure: Medium

Chemical properties

Conductivity:	0.5-0.6 mS/cm
Apparent density:	239 Kg/ m ³
Wetting agent:	0,1 Kg/ m ³
Ph:	5.4-6.2

Physical properties

Blonde peat	35%
Black peat	15%
Wood fiber - Regular	30%
Wood fiber - Extrafine	5%
Cocopeat	10%
High quality compost	10%

Fertilization

Ecofert	NPK 4.5-7-1.5	6 Kg/ m ³
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Seeding and pressed cubes

SEEDING AND PRESSED CUBES

Press RK

Seeding in trays and pressed cubes



70L
Q./plt
42



250L
Q./plt
15



Big Bale
Q./plt
1



Lithuania

Substrate ideal for both seedling cultivation in trays and pressed cubes.

Structure: Fine

Chemical properties

Conductivity:	0.4-0.7 mS/cm
Apparent density:	270-280 Kg/ m ³
Wetting agent:	- Kg/ m ³
Ph:	5.5-6.5

Physical properties

Blonde peat	35%
Black peat	65%

Fertilization

PG Mix	NPK 14-16-18+	1 Kg/ m ³
Radigen		0,1 Kg/ m ³

SEEDING AND PRESSED CUBES

DX Summer

Seeding in the summer months



70L
Q./plt
42



250L
Q./plt
15



Big Bale
Q./plt
1



Lithuania

Substrate with higher content of black peat moss ideal for seedling cultivation during summer.

Structure: Fine

Chemical properties

Conductivity:	0.6-1.0 mS/cm
Apparent density:	162-198 Kg/ m ³
Wetting agent:	0,1 Kg/ m ³
Ph:	5.5-6.5

Physical properties

Blonde peat	40%
Black peat	60%

Fertilization

PG Mix	NPK 14-16-18+	0,5 Kg/ m ³
Radigen		0,1 Kg/ m ³

Additional ingredients

Oxywet	10 Kg/ m ³
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SEEDING AND PRESSED CUBES

Unitorf Seeding

Seeding with only blonde peat



70L
Q./plt
45



250L
Q./plt
1



Big Bale
Q./plt
1



Lithuania

Substrate recommended for seedling cultivation with blonde peat only.

Structure: Fine

Chemical properties

Conductivity:	0.7-1.3 mS/cm
Apparent density:	180-190 Kg/ m ³
Wetting agent:	0,1 Kg/ m ³
Ph:	5.0-6.0

Physical properties

Blonde peat	100%
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Fertilization

PG Mix	NPK 14-16-18+	0,8 Kg/ m ³
Radigen		0,1 Kg/ m ³

DX Seeding

Seeding in containers

70L
Q./plt
42250L
Q./plt
18Big Bale
Q./plt
1

Lithuania

Physical properties

Blonde peat	50%
Black peat	50%

Fertilization

PG Mix	NPK 14-16-18+	0,8 Kg/ m ³
Radigen		0,1 Kg/ m ³

Additional ingredients

Oxywet	10	Kg/ m ³
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Balanced extra-fine substrate ideal for seedling cultivation in trays.

Structure: Fine

Chemical properties

Conductivity:	0.6-1.0	mS/cm
Apparent density:	143-175	Kg/ m ³
Wetting agent:	0,1	Kg/ m ³
Ph:	5.5-6.5	

Press Top

Seeding in containers and pressed cubes

70L
Q./plt
39Big Bale
Q./plt
1

Germany

Physical properties

Blonde peat	20%
Black peat	70%
Wood fiber extra fine	5%
Cocopeat	5%

Fertilization

PG Mix	NPK 14-10-18+	1 Kg/ m ³
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German substrate ideal for both seedling cultivation and pressed cubes.

Structure: Extra-fine

Chemical properties

Conductivity:	0.6-1.0	mS/cm
Apparent density:	341	Kg/ m ³
Wetting agent:	0,1	Kg/ m ³
Ph:	5.2-6.0	

DX Seeding + Perlite

Seeding in containers

70L
Q./plt
42Big Bale
Q./plt
1

Lithuania

Physical properties

Blonde peat	45%
Black peat	45%
Perlite	10%

Fertilization

PG Mix	NPK 14-16-18+	0,5 Kg/ m ³
Radigen		0,1 Kg/ m ³

Additional ingredients

Oxywet	10	Kg/ m ³
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Balanced extra-fine substrate ideal for seedling cultivation in trays. The presence of perlite increases oxygen distribution in the rooting system and ensures a more efficient drying process.

Structure: Fine

Chemical properties

Conductivity:	0.6-1.0	mS/cm
Apparent density:	143-175	Kg/ m ³
Wetting agent:	0,1	Kg/ m ³
Ph:	5.0-6.0	

Tray SSF1

Seeding in containers

70L
Q./plt
42Big Bale
Q./plt
1

Germany

Physical properties

Blonde peat	50%
Black peat	40%
Wood fiber extrafine	10%

Fertilization

PG Mix	NPK 14-10-18+	0,5 Kg/ m ³
Radigen		0,05 Kg/ m ³

German substrate ideal for seedling cultivation in Trays.

Structure: Extra-fine

Chemical properties

Conductivity:	0.6-1.0	mS/cm
Apparent density:	281	Kg/ m ³
Wetting agent:	0,1	Kg/ m ³
Ph:	5.2-6.0	

SEEDING AND PRESSED CUBES

Cucurb-seed

Seeding of cucurbits



70L
Q./plt
42



Big Bale
Q./plt
1



Lithuania

Substrate ideal for seedling cultivation of melon, zucchini and cucurbits.

Structure: Medium-fine

Chemical properties

	Conductivity:	0.7-1.3	mS/cm
	Apparent density:	210-220	Kg/ m³
	Wetting agent:	0,1	Kg/ m³
	Ph:	5.5-6.5	

Physical properties

Blonde peat	70%
Black peat	30%

Fertilization

PG Mix	NPK 14-16-18+	0,8 Kg/ m³
Radigen		0,1 Kg/ m³

SEEDING AND PRESSED CUBES

Medical Cannabis Seed

Seeding of therapeutic hemp



70L
Q./plt
42



Big Bale
Q./plt
1



Lithuania

Substrate for seedling cultivation of therapeutic cannabis.

Structure: Fine

Chemical properties

	Wetting agent:	0,1	Kg/ m³
	Ph:	5.0-6.0	

Physical properties

Blonde peat	70%
Black peat	30%

Fertilization

PG Mix	NPK 12-14-24+	0,5 Kg/ m³
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Additional ingredients

Micromax	0,05	Kg/ m³
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SPECIFIC FORMULAS

Blueberry K1

Blueberry cultivation



70L
Q./plt
42



Big Bale
Q./plt
1



Lithuania

Substrate recommended for cultivating blueberries in pots.

Physical properties

Blonde peat	70%
Peat fiber	30%

Structure: Medium-coarse

Pot: from 16

Chemical properties

Conductivity:	0.1-0.3 mS/cm
Apparent density:	150-160 Kg/ m ³
Wetting agent:	0,1 Kg/ m ³
Ph:	3.5-4.5

SPECIFIC FORMULAS

Taleas S5

Talee



70L
Q./plt
42



Big Bale
Q./plt
1



Lithuania

Light substrate with high drainage enriched with perlite ideal for all types of cuttings cultivations.

Structure: Medium-fine

Pot: -

Chemical properties

Conductivity:	0.4-0.6 mS/cm
Apparent density:	161-196 Kg/ m ³
Wetting agent:	0,1 Kg/ m ³
Ph:	5.2-6.0

Physical properties

Blonde peat	65%
Black peat	25%
Perlite	10%

Fertilization

PG Mix	NPK 14-16-18+	0,5 Kg/ m ³
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Additional ingredients

Sand	60 Kg/ m ³
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SPECIFIC FORMULAS

Medical Cannabis Pot

Therapeutic hemp



70L
Q./plt
42



Big Bale
Q./plt
1



Lithuania

Substrate recommended for cultivating therapeutic cannabis in pots.

Physical properties

Blonde peat	80%
Black peat	20%

Structure: Medium-coarse

Pot: from 16

Chemical properties

Conductivity:	2.0-4.0 mS/cm
Wetting agent:	0,1 Kg/ m ³
Ph:	5.2-6.0

Fertilization

PG Mix	NPK 12-14-24+	0,8 Kg/ m ³
Radigen		0,1 Kg/ m ³

Additional ingredients

Micromax	0,05 Kg/ m ³
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SPECIFIC FORMULAS

Acid

Azaleas and acidophilic plants



70L
Q./plt
42



Big Bale
Q./plt
1



Lithuania

Substrate for the cultivation of azaleas and all acidophilic plants.

Structure: Medium-coarse

Pot: from 14

Chemical properties

Conductivity:	2.0-3.0 mS/cm
Apparent density:	118-144 Kg/ m ³
Wetting agent:	0,1 Kg/ m ³
Ph:	3-4.5.0

Physical properties

Blonde peat	80%
Black peat	20%

Fertilization

PG Mix	NPK 14-16-18+	0,5 Kg/ m ³
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SPECIFIC FORMULAS

Cactus LPX1

Succulent plants



70L
Q./plt
42



Big Bale
Q./plt
1



Italy

Substrate for the cultivation of succulent plants. Its high content of Pumice and lapillus increases the drying process reducing the risk of root rotting.

Structure: Medium-coarse

Pot: from 14

Chemical properties

Conductivity:	0.4-0.6 mS/cm
Apparent density:	162-198 Kg/ m ³
Wetting agent:	0,1 Kg/ m ³
Ph:	5.0-6.0

Physical properties

Blonde peat	37%
Pumice	20%
Lapillus	43%

Fertilization

PG Mix	NPK 14-16-18+	1 Kg/ m ³
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SPECIFIC FORMULAS

Camelia

Camelia



70L
Q./plt
42



Big Bale
Q./plt
1



Lithuania

Substrate ideal for the cultivation of camellia in pots.

Structure: Medium-coarse

Pot: from 14

Chemical properties

Conductivity:	0.4-0.6 mS/cm
Apparent density:	161-196 Kg/ m ³
Wetting agent:	0,1 Kg/ m ³
Ph:	5.2-5.8

Physical properties

Blonde peat	70%
Black peat	20%
Perlite	10%

Fertilization

PG Mix	NPK 14-16-18+	1 Kg/ m ³
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Radigen	0,1 Kg/ m ³
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Additional ingredients

Micromax	0,2 Kg/ m ³
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SPECIFIC FORMULAS

Poncicl DKX

Poinsettias and cyclamen



70L
Q./plt
42



Big Bale
Q./plt
1



Lithuania

Substrate created specifically for the cultivation of poinsettias and cyclamen.

Structure: Medium-coarse

Pot: from 14

Chemical properties

Conductivity:	0.6-1.0 mS/cm
Apparent density:	141-72 Kg/ m ³
Wetting agent:	0,1 Kg/ m ³
Ph:	5.2-6.0

Physical properties

Blonde peat	70%
Black peat	20%
Perlite	10%

Fertilization

PG Mix	NPK 11-19-24+	1,5 Kg/ m ³
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Radigen	0,1 Kg/ m ³
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Additional ingredients

Clay	20 Kg/ m ³
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SPECIFIC FORMULAS

Poinsettia

Poinsettie



70L
Q./plt
45



Big Bale
Q./plt
1



Germany

German substrate created for the cultivation of poinsettia.

Structure: Medium-coarse

Pot: from 14

Chemical properties

Conductivity:	0.6-1.0 mS/cm
Apparent density:	141-72 Kg/ m ³
Wetting agent:	0,1 Kg/ m ³
Ph:	5.2-6.0

Physical properties

Blonde peat	60%
Black peat	20%
Peat fiber	10%
Perlite	10%

Fertilization

PG Mix	NPK 11-19-24+	1,4 Kg/ m ³
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Radigen	0,1 Kg/ m ³
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Additional ingredients

Clay	45 Kg/ m ³
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SPECIFIC FORMULAS

Aromas KN2

Aromatic plants



70L
Q./plt
42



Big Bale
Q./plt
1



Lithuania

Substrate ideal for the cultivation of all aromatic and medicinal herbs.

Structure: Medium-coarse

Pot: 12-14

Chemical properties

Conductivity:	1.0-1.4	mS/cm
Apparent density:	141-72	Kg/ m ³
Wetting agent:	0,1	Kg/ m ³
Ph:	5.0-6.0	

Physical properties

Blonde peat	50%
Black peat	25%
Coconut fiber	15%
Perlite	10%

Fertilization

PG Mix	NPK 14-16-18+	1,2 Kg/ m ³
Radigen		0,1 Kg/ m ³

Additional ingredients

Oxywet	10	Kg/ m ³
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SPECIFIC FORMULAS

Chrys KDX Plus

Chrysanthemums



70L
Q./plt
42



Big Bale
Q./plt
1



Lithuania

Substrate created for the cultivation of chrysanthemums.

Structure: Medium-coarse

Pot: 14-18

Chemical properties

Conductivity:	1.0-1.4	mS/cm
Apparent density:	160-196	Kg/ m ³
Wetting agent:	0,1	Kg/ m ³
Ph:	5.0-6.0	

Physical properties

Blonde peat	70%
Black peat	30%

Fertilization

PG Mix	NPK 14-16-18+	1,2 Kg/ m ³
Osmocote Exact: 5-6M:15+9+12+2MgO		2 Kg/ m ³

Additional ingredients

Clay	60	Kg/ m ³
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SPECIFIC FORMULAS

Actinidia Plus

Actinidia (Kiwi)



70L
Q./plt
42



Big Bale
Q./plt
1



Lithuania

Substrate created for the cultivation of kiwifruit plants.

Structure: Medium-coarse

Pot: 14-18

Chemical properties

Conductivity:	1.1-1.4	mS/cm
Apparent density:	160-196	Kg/ m ³
Wetting agent:	0,1	Kg/ m ³
Ph:	5.0-6.0	

Physical properties

Blonde peat	70%
Black peat	10%
Perlite	20%

Fertilization

PG Mix	NPK 14-16-18+	0,8 Kg/ m ³
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SPECIFIC FORMULAS

Florigen Plus

Short cycle plants



70L
Q./plt
42



250L
Q./plt
15



Big Bale
Q./plt
1



Lithuania

Substrate created for the cultivation of geraniums and short-cycle flowering plants.

Structure: Medium

Pot: 12-14 cm

Chemical properties

Conductivity:	1.1-1.4	mS/cm
Apparent density:	126-154	Kg/ m ³
Wetting agent:	0,1	Kg/ m ³
Ph:	5.5-6.0	

Physical properties

Blonde peat	30%
Blonde peat	40%
Blonde peat	10%
Black peat	20%

Fertilization

PG Mix	NPK 14-16-18+	1,2 Kg/ m ³
Radigen		0,05 Kg/ m ³

Additional ingredients

Clay	20	Kg/ m ³
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Substrates for repotting



SUBSTRATES FOR REPOTTING

Pomix

Long cycle plants



70L
Q./plt
42



Big Bale
Q./plt
1



Italy

Substrate with high content of Italian pumice ideal for repotting of long cycle outdoor plants.

Structure: Coarse

Pot: from 14

Chemical properties

Conductivity:	1.1-1.4 mS/cm
Apparent density:	160-196 Kg/ m ³
Wetting agent:	0,1 Kg/ m ³
Ph:	5.0-6.0

Physical properties

Blonde peat	70%
Pumice	15%
High quality compost	15%

Fertilization

PG Mix	NPK 14-16-18+	1,5 Kg/ m ³
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SUBSTRATES FOR REPOTTING

Forest FR Type 2

Media-long cycle plants



Big Bale
Q./plt
1



Lithuania

Substrate with high content of Swedish pumice ideal for repotting of media-long cycle outdoor plants.

Structure: Medium-coarse

Pot: from 18

Chemical properties

Conductivity:	0.8-1.5 mS/cm
Apparent density:	230-240 Kg/ m ³
Wetting agent:	0,1 Kg/ m ³
Ph:	5.0-6.0

Physical properties

Blonde peat	80%
Black peat	20%

Fertilization

PG Mix	NPK 12-14-24+	1 Kg/ m ³
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Additional ingredients

Pumice	20 Kg/ m ³
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Minipot

Short cycle plants

70L
Q./plt
42Big Bale
Q./plt
-

Lithuania

Physical properties

Blonde peat	50%
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Black peat	50%
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Fertilization

PG Mix	NPK 14-16-18+	0,8 Kg/ m ³
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Radigen	0,1 Kg/ m ³
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Additional ingredients

Clay	60 Kg/ m ³
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Substrate ideal for the cultivation of annual short cycle plants in small pots.

Structure: Medium

Pot: 10-12 cm

Chemical properties

Conductivity:	0.6-1.0 mS/cm
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Apparent density:	149-182 Kg/ m ³
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Wetting agent:	0,1 Kg/ m ³
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Ph:	5.5-6.5
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Unipot 7-20

Media-short cycle plants

70L
Q./plt
42Big Bale
Q./plt
1

Lithuania

Physical properties

Blonde peat	80%
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Black peat	20%
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Fertilization

PG Mix	NPK 14-16-18+	1,2 Kg/ m ³
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Substrate ideal for the cultivation of short-media cycle plants.

Structure: Medium

Pot: 12-14

Chemical properties

Conductivity:	0.8-1.5 mS/cm
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Apparent density:	190-200 Kg/ m ³
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Wetting agent:	0,1 Kg/ m ³
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Ph:	5.0-6.0
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Unipot Maxi

Media-long cycle plants

70L
Q./plt
42Big Bale
Q./plt
1

Lithuania

Physical properties

Blonde peat	80%
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Black peat	20%
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Fertilization

PG Mix	NPK 14-16-18+	1,2 Kg/ m ³
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Radigen	0,1 Kg/ m ³
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Substrate ideal for the cultivation of media-long cycle plants in coarse pots.

Structure: Medium-coarse

Pot: from 16

Chemical properties

Conductivity:	0.6-1.0 mS/cm
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Apparent density:	118-144 Kg/ m ³
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Wetting agent:	0,1 Kg/ m ³
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Ph:	5.0-6.0
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Unipot Media

Media-long cycle plants

70L
Q./plt
42Big Bale
Q./plt
1

Lithuania

Physical properties

Blonde peat	80%
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Black peat	20%
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Fertilization

PG Mix	NPK 14-16-18+	1,2 Kg/ m ³
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Radigen	0,1 Kg/ m ³
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Substrate ideal for the cultivation of media-long cycle plants in media to coarse pots.

Structure: Medium

Pot: 14-16

Chemical properties

Conductivity:	0.6-1.0 mS/cm
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Apparent density:	118-144 Kg/ m ³
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Wetting agent:	0,1 Kg/ m ³
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Ph:	5.0-6.0
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Substrates for landscaping

SUBSTRATES FOR LANDSCAPING

Lawn-Sport

Sports lawns



70L
Q./plt
42



Big Bale
Q./plt
1



Italy

Substrate ideal for sport turf enriched with Vulcamix.

Structure: Fine

Chemical properties

Conductivity:	0.6-1.0	mS/cm
Apparent density:	143-175	Kg/ m ³
Wetting agent:	0,1	Kg/ m ³
Ph:	5.0-6.0	

Physical properties

Blonde peat	25%
Vulcamix	50%
High quality compost	25%

Fertilization

PG Mix	NPK 11-22-16+	1,2 Kg/ m ³
Radigen		0,1 Kg/ m ³

SUBSTRATES FOR LANDSCAPING

Lawn-Garden

Grassy carpets



70L
Q./plt
42



Big Bale
Q./plt
1



Lithuania

Substrate ideal for setting up and cultivating turf.

Structure: Medium

Chemical properties

Conductivity:	1.0-1.4	mS/cm
Apparent density:	155-189	Kg/ m ³
Wetting agent:	0,1	Kg/ m ³
Ph:	5.0-6.0	

Physical properties

Blonde peat	60%
Black peat	40%

Fertilization

PG Mix	NPK 14-16-18+	1,2 Kg/ m ³
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Additional ingredients

Oxywet	10	Kg/ m ³
Sand	40	Kg/ m ³

Top Soil 2

Hanging gardens



Big Bale
Q./plt
1







Italy

Substrate created for hanging gardens with a specific structure that provides a high degree of permeability.

Structure: Medium

Chemical properties

 Conductivity:	0.6-1.0	mS/cm
 Apparent density:	118-144	Kg/ m ³
 Wetting agent:	0,1	Kg/ m ³
 Ph:	6.5-7.5	

Physical properties

Blonde peat	40%
Pumice	35%
Lapillus	25%

Fertilization

PG Mix	NPK 14-16-18+	0,75 Kg/ m ³
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Additional ingredients

Sand	40	Kg/ m ³
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GROWBAGS

Growbag A

Tomatoes and vegetables





Q./plt
56

Lithuania

Growbags wrapped in plastic foil for the cultivation of tomatoes and other vegetables usable for up to 10 months.

Structure: Coarse

Chemical properties

 Conductivity:	0.7-1.45	mS/cm
 Apparent density:	210-220	Kg/ m ³
 Wetting agent:	0,1	Kg/ m ³
 Ph:	5.5-6.5	

Physical properties

Blonde peat	20%
Black peat	25%
Peat fiber	30%
Coconut fiber	25%

Fertilization

PG Mix	NPK 14-16-18+	1 Kg/ m ³
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Additional ingredients

Limestone	5,5	Kg/ m ³
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GROWBAGS

Growbag B

Strawberries

Q./plt
56

Lithuania

Growbags wrapped in plastic foil for the cultivation of strawberries usable for up to 10 months.

Structure: Coarse

Chemical properties

 Ph:	5.5-6.5	
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Physical properties

Blonde peat	20%
Black peat	25%
Peat fiber	30%
Coconut fiber	25%

Fertilization

PG Mix	NPK 14-16-18+	1,5 Kg/ m ³
Radigen		0,1 Kg/ m ³

Additional ingredients

Clay	15	Kg/ m ³
Limestone	5	Kg/ m ³

Glossary

Peat moss

Peat is a deposit of plant remains impregnated with water and is formed in soils full of water in the absence of oxygen and hydrogen. It is often combined with regular garden soil because, thanks to its acidity and fibrosity, it softens and lightens the soil. It is divided into blonde, brown and black peat. The first is extracted from the superficial layers of the bog and is not very decomposed while the brown and black peat are extracted from the deeper layers and

Coconut fiber

Material used for hydroponic crops and obtained by removing the fine dust from the outer husk of the coconut. It favors root **development** and, although it retains air even when fully saturated, it

Cocopeat

Substance obtained from the pith inside a coconut husk. Its **anti-fungal properties** make it a good substrate for seeding. Cocopeat is also used as a soil improver, as potting mix and in hydroponic

Perlite

Inorganic mineral of volcanic origin with a color varying between gray and pink and a porous circular shape. Expanded perlite is obtained from a process of thermal expansion that generates light granules with good physical properties for agricultural soils, soil mixtures and on their own. Expanded perlite is therefore **used both as a soil conditioner and as a growing media corrective** allowing to recreate an ideal habitat for the life cycle of each plant. Thanks to

Zeolite

Material of volcanic origin able to neutralize dangerous elements such as ammonium, heavy metals and organic molecules and to absorb gases such as ammonia, hydrogen sulphide and mercap-

Vermiculite

Material that **improves the ventilation** of the substrate. It neither deteriorates nor rots and can protect seeds and young plants from

Lapillus

Ecological volcanic granulate with **excellent mulching and herbicide properties** that can be used for gardens, parks and flower beds. Its uniform grain size allows excellent processing, reducing installation times with aesthetically pleasing results. The micro porosity of the granules guarantees good thermal insulation while its

Pumice

Pumice is the result of the expansion of effusive magmatic mineral which generates an alveolar product of considerable lightness and high porosity. In addition to having great **water retention capacity and slow release of liquids**, it is completely natural and perfectly

have a media-high degree of decomposition. Blonde peat is characterized by greater fibrousness and porosity while brown and black peat have greater density and water retention capacity. **Substrates that contain 90-100% high-quality peat are currently the most effective type of growing Media a professional/hobby grower can use for its productions.**

dries more slowly than many other soilless growing Media.

productions.

its porous structure, it allows to create soils with excellent drainage and facilitates gaseous exchanges with the external environment. Finally, expanded perlite **protects the root systems** from thermal changes by maintaining a constant temperature which favors the ideal development of plants.

tans, retaining them within its structure. Finally, it is highly effective in **reducing emissions** from foul-smelling material such as manure biomass.

fungi.

ability to store water reserves **reduces soil desiccation**. Finally, the intense color has an interesting decorative function. Given it is an hygroscopic product, it can be subject to weight variations.

suitable for horticultural applications.

Vulcamix

Vulcamix is a ready-to-use product, easy to apply, free from harmful substances and weed seeds that can replace siliceous sands with excellent results in the **treatment and refill of lawns** (top dressing). It contributes to the formation of intensively usable lawns (up to

500 hours / year) favoring the **development of their root systems**. Finally, it is ideal in vertidrain operations as a corrector of the chemical-physical characteristics of the soil.

Expanded clay

It comes in the form of small pebbles which are made up of baked clay. Expanded clay is a porous media that is extremely conducive

to the **development of the root system** of the plant.

Limestone

Material used to **increase the pH** of a growing media.

Additional ingredients

Oxywet

Material made of high quality Swedish clay and free of contaminants such as heavy metals, sodium, chloride and dioxins. **It is used as a natural wetting agent** in substrates to keep peat moist and diffuse water into the substrate. This increases the oxygen levels in the

lower parts of the container facilitating the growth of horticultural productions.

Micromax

Micromax is a **slow release fertilizer** lasting up to 18 months. It is designed to fully exploit the effectiveness of micronutrients and

macronutrients and recommended for the cultivation of all types of plants.

Potmix

Easy to mix additive to peat and other substrate components. It allows to improve the **retention and the slow release of fertilizers and water**. It also **normalizes the pH and absorbs harmful components**

such as poisonous substances, pathogens and / or heavy metals.





Notes

	Grain size	50L Bag	100L B	Big Bale
Pumice	3 - 8 mm	X	-	X
Lapillus	3 - 5 mm	-	-	X
	5 - 10 mm	-	-	X
Zeolite	3 - 6 mm	-	X	X
Vermiculite	0 - 2 mm	-	X	-
	0 - 4 mm	-	X	-
Perlite	2 - 6 mm	-	X	-
Expanded clay	-	X	-	-

Blonde/black block or milled peat moss	Available in various particle sizes and packaging, both with natural and/or normalized pH
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