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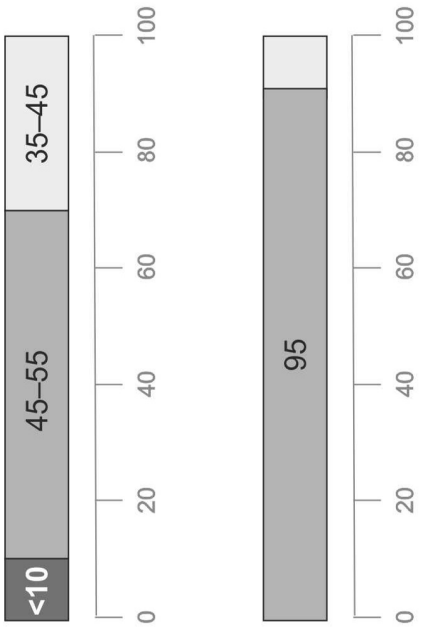
DURPETA

NATURAL PEAT

50 L – GP0338, 150 L – GP0021
250 L – GP0020, 4000 L – GP0040

Agrofizical data (%)



- Air capacity
- Water capacity
- Dry matter
- Oragnic matter

Agrochemical data

pH 3,5–4,5
EC 0,1–0,3 mS/cm

Composition (%)

Highbog spagnum peat, 100

humification H2–H6, fraction 0–20 mm

Additives

Nutrients

Package

50 L, 150 L, 250 L, 4000 L

Comments

Peat moss is recognized by all growers as the best soilless medium base or soil amendment. This is due to it's homogeneous composition, high structural stability, high capacity for water and air retention, adjustable pH and nutrient status and lack of insect pests. Peat moss effectivelly hold air, water and nutrients to maximize root development and plant growth. Natural peat can be used as basis for growing media, as mulch, for soil improvement and as growing media for acidofilics plants.

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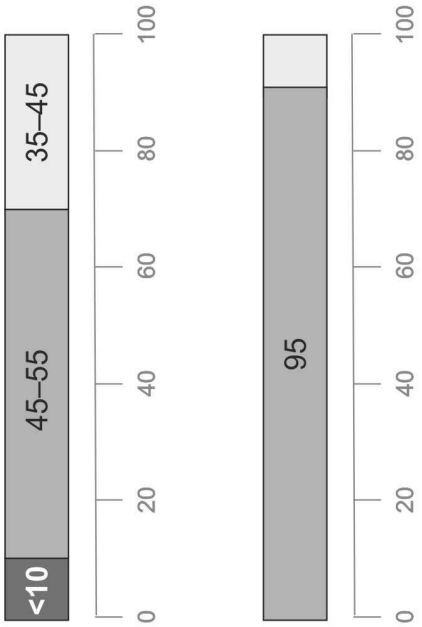
NEUTRALIZED PEAT

50 L – GP0116, 250 L – GP0219, 4000 L – GP0034

Agrofizical data (%)



- Air capacity
- Water capacity
- Dry matter
- Oragnic matter

Agrochemical data

pH 5,5–6,5
EC 0,1–0,3 mS/cm

Composition (%)

Highbog spagnum peat, 100

humification H2–H6, fraction 0–20 mm

Additives

Limestone up to 5 kg/m^3
Fiba Zorb 0,1 l/m^3

Nutrients

Package

50 L, 250 L, 4000 L

Comments

Neutralized peat as soil amendment lightens the soil's composition and enables drainage in heavy soils that compact easily. In sandy areas, peat moss improves water and nutrient retention by holding moisture and relasing it to plant roots as needed. The material is free of weed seeds and pathogens that could be harmful to the garden. Neutralized peat can be used as mulch and basis for growing media production too.

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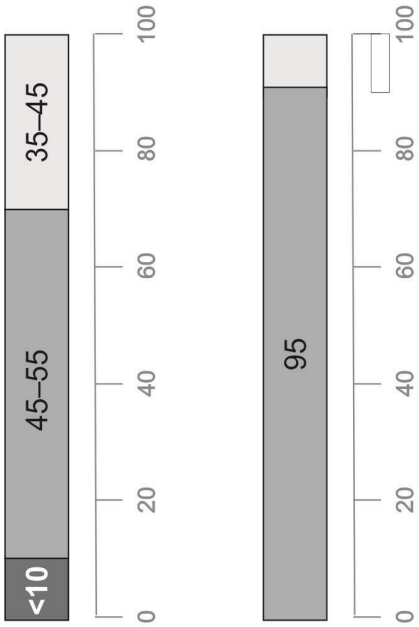
UNIVERSAL SUBSTRATE

10 L – GP0029, 20 L – GP0264,
70 L – GP0267, 250 L – GP0428, 4000 L – GP0033

Agrofizical data (%)

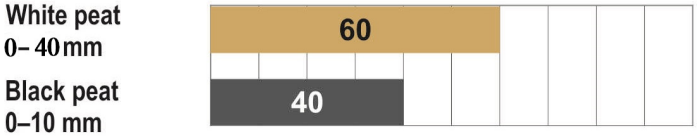


- Air capacity
- Water capacity
- Dry matter
- Oragnic matter

Agrochemical data

pH 5,5–6,5
EC 1,0–1,5 mS/cm

Composition (%)



Additives

Limestone up to 5 kg/m^3
Fiba Zorb 0,1 l/m^3

Nutrients

NPK fertilizer 14-16-18 1,2 kg/m^3

Package

10 L, 20 L, 70 L, 250 L, 4000 L,

Comments

Universal substrate designed as basis for growing most kinds of flowers and vegetables. Feeding of plants by nutrients is up to 3–4 weeks. Grower can easily adjust this substrate to specifics plants adding necessary fertilizers.
The best for tomatoes, paprika, cucumbers, bedding plants sprouts, lettuce and spice herbs growing in pots up to 12–14 cm diameter.
Can be used to improve soil in greenhouses and flower beds.

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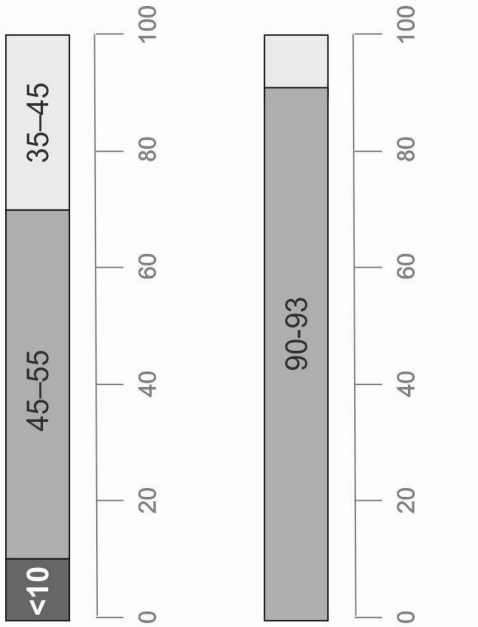
Substrate for lettuce growing

250 l - GP0814

Agrofizical data (%)



- Air capacity
- Water capacity
- Dry matter
- Oragnic matter

Agrochemical data

pH 5,8–6,2
EC 0,8–1,1 mS/cm

Composition (%)

White peat 0- 10 mm	60
Black peat 0–5 mm	40

Additives

Limestone up to 5 kg/m^3
Fiba Zorb 0,1 l/m^3

Nutrients

NPK fertilizer 11-19-24 0,9 kg/m^3
Radigen 0,05 kg/m^3
Bioroot 0,1 l/m^3

Package

70 L, 250 L, 4000 L

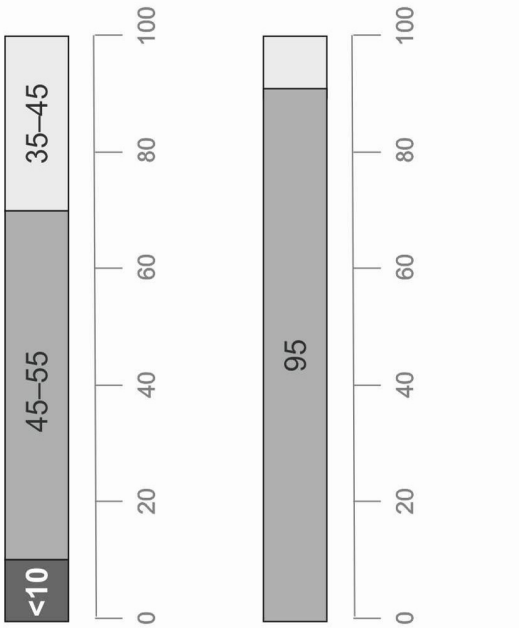
Comments

Substrate is designed for lettuce growing. It is based on well-drained, rich in organic, free of veed seeds, harmfull fungi and microorganizms sphagnum peat with exelent water holding capasity. Limestone is added to regulate pH which is about 6,0. Wetting agent Fiba Zorb ensures water intake even if substrate becames to dry, humic and fulvic acids of Bioroot improves fast root growing. Complex fertilizer of special N-P-K ratio is the best for lettuce plants growing, additional portion of microelements Radigen quarantees supply of all necessary microelements for fast growing plants.

Substrate also can be used for cabbage growing.

PROFI MIX 1

Agrofizical data (%)



- Air capacity
- Water capacity
- Dry matter
- Oragnic matter

Agrochemical data

pH 5,5–6,0
EC 0,8–1,2 mS/cm

Composition (%)

White peat 0–5 mm	60
Black peat 0–5 mm	40
Perlite	
Coco	

Additives

Limestone up to 5 kg/m^3
Fiba Zorb 0,1 l/m^3

Nutrients

NPK fertilizer 14-16-18 1,0 kg/m^3
Bioroot 0,1 l/m^3

Package

70 L, 250 L, 4000 L

Comments

Substrate designed for sowing most of flowers and vegetables. The amount of fertilizer ensures normal feeding without root damage. Additional fertilization depends on the plant type, growth power and usually is to be applyed after a month.

Suitable for propogation in modular trays and for use in automatic filing lines.

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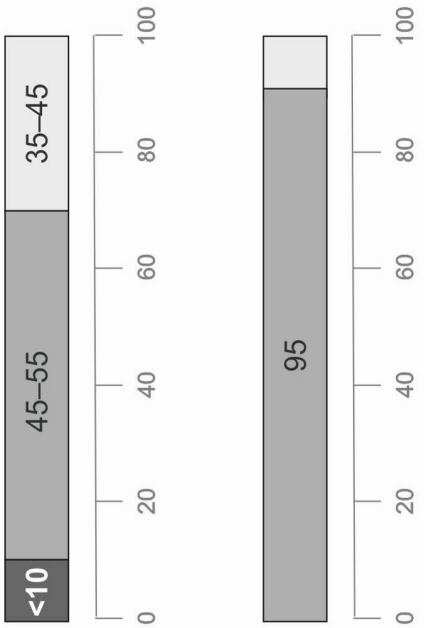
DURPETA

PROFI MIX 1a

70 L – GP0912 • 250 L – GP0430 • 4000 L – GP0519

Agrofizical data (%)



- Air capacity
- Water capacity
- Dry matter
- Oragnic matter

Agrochemical data

pH 5,5–6,0
EC 0,5–1,2 mS/cm

Composition (%)

White peat 0–5 mm	60
Black peat 0–5 mm	40
Perlite	
Coco	

Additives

Limestone up to 5 kg/m^3
Fiba Zorb 0,1 l/m^3

Nutrients

NPK fertilizer 14-16-18 0,8 kg/m^3
Bioroot 0,1 l/m^3

Package

70 L, 250 L, 4000 L

Comments

Substrate designed for sowing most of flowers and vegetables. The amount of fertilizer ensures normal feeding without root damage. Additional fertilization depends on the plant type, growth power and usually is to be applyed after a month.

Suitable for propogation in modular trays and for use in automatic filing lines.

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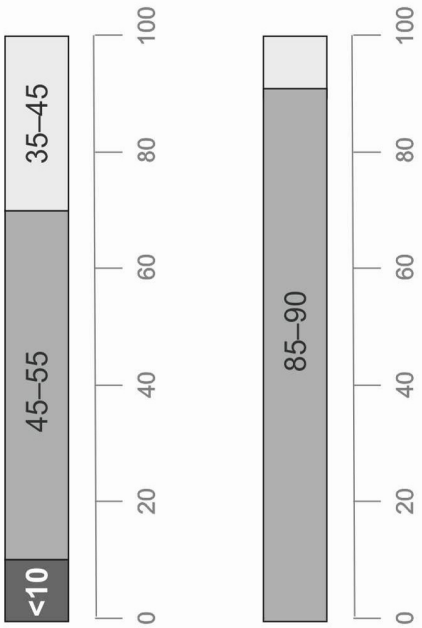
DURPETA

PROFI MIX 1b

70 L – GP0520 • 250 L – GP0521 • 4000 L – GP0522

Agrofizical data (%)

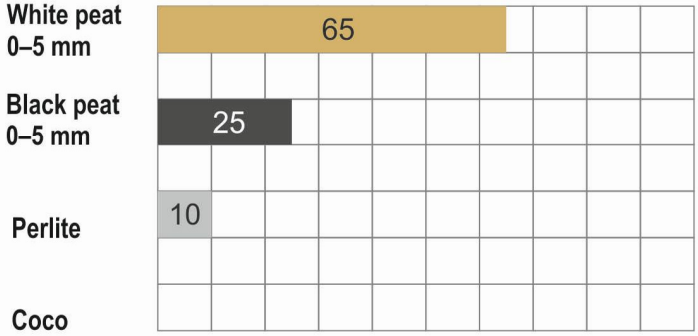


- Air capacity
- Water capacity
- Dry matter
- Oragnic matter

Agrochemical data

pH 5,5–6,0
EC 1,0–1,5 mS/cm

Composition (%)



Additives

Limestone up to 5 kg/m^3
Clay 10 kg/m^3
Fiba Zorb 0,1 l/m^3

Nutrients

NPK fertilizer 14-16-18 1,2 kg/m^3
Bioroot 0,1 l/m^3
Radigen 0,05 kg/m^3

Package

70 L, 250 L, 4000 L

Comments

Substrate designed for plant pitchting and cuttings rooting. Perlite improves the oxygen - water uptake, clay, bioroot, micro and macro elements create the optimal conditions for root growing.

The best for rooting in modular trays.

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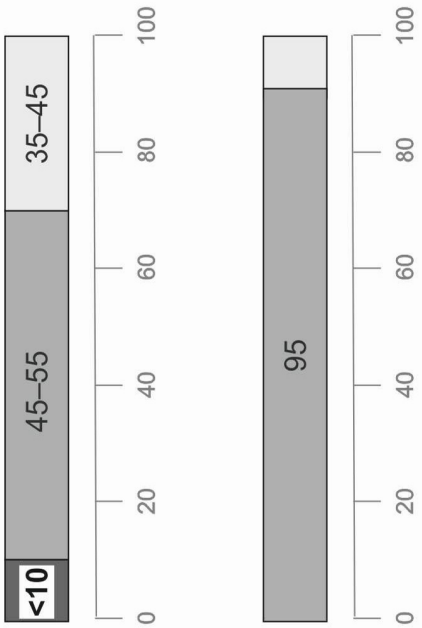
DURPETA

PROFI MIX 2a

70 L – GP0558 • 250 L – GP0536 • 4000 L – GP1787

Agrofizical data (%)



- Air capacity
- Water capacity
- Dry matter
- Oragnic matter

Agrochemical data

pH	5,5–6,0
EC	1,2–1,8 mS/cm

Composition (%)

White peat 0–20 mm	60									
Black peat 0–5 mm	40									

Additives

Limestone up to 5 kg/m^3
Fiba Zorb 0,1 l/m^3

Nutrients

NPK fertilizer 14-16-18 1,5 kg/m^3
Bioroot 0,1 l/m^3

Package

70 L, 250 L, 4000 L

Comments

It's a very effective substrate designed as basis for growing most kinds of flowers and vegetables. Feeding of plants by nutrients is up to 3–4 weeks. Grower can easily adjust this substrate to specifics plants adding necessary fertilizers.

The best for tomatoes, paprika, cucumbers, bedding plants sprouts, lettuce and spice herbs growing in pots up to 12–14 cm diameter.

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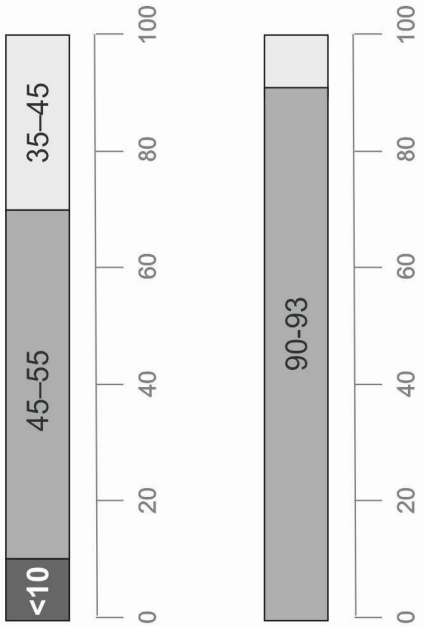
DURPETA

PROFI MIX 2b

70 L – GP0523 • 250 L – GP0429 • 4000 L – GP0524

Agrofizical data (%)

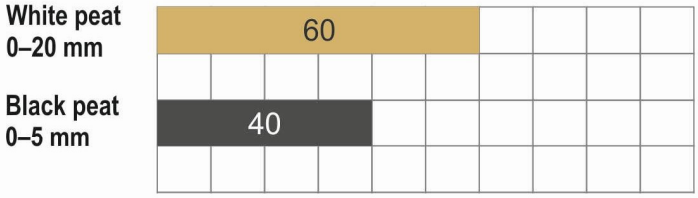


- Air capacity
- Water capacity
- Dry matter
- Oragnic matter

Agrochemical data

pH 5,5–6,0
EC 0,8–1,2 mS/cm

Composition (%)



Additives

Limestone up to 5 kg/m^3
Clay 1–8 mm 20 kg/m^3
Fiba Zorb 0,1 l/m^3

Nutrients

NPK fertilizer 14-16-18 1,2 kg/m^3
Radigen 0,05 kg/m^3
Bioroot 0,1 l/m^3

Package

70 L, 250 L, 4000 L

Comments

Substrate is designed for flower growing.
Clay regulates uptake fertilizers, water and oxygen, stabilizes pH and the fertilizers, and microelements mixed into substrate can be used with higest efficiency by plants.

Best for Petunia, Surfinia, Begonia, Geranium, Lobelia and other beddin plants growing in 9–17 cm diameter pots and containers.

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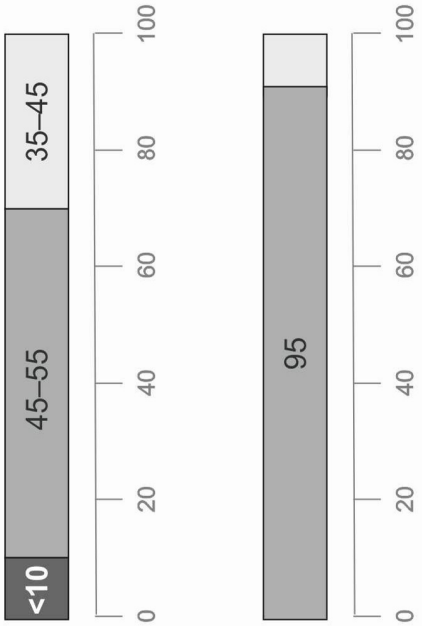
DURPETA

PROFI MIX 3a

70 L – GP0525 (deciduous); GP1898 (conifers);
250 L – GP0526 (deciduous); GP1899 (conifers);
4000 L – GP0527 (deciduous); GP1900 (conifers)

Agrofizical data (%)

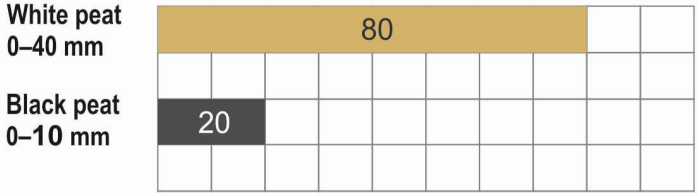


- Air capacity
- Water capacity
- Dry matter
- Oragnic matter

Agrochemical data

pH 5,5–6,0 (deciduous)
pH 4,0–4,5 (conifers)
EC 1,2–1,8 mS/cm

Composition (%)



Additives

Limestone up to 5 kg/m^3
Fiba Zorb 0,1 l/m^3

Nutrients

NPK fertilizer 14-16-18 0,5 kg/m^3
Humifirst 11-07-17 2 kg/m^3
Bioroot 0,1 l/m^3

Package

70 L, 250 L, 4000 L

Comments

Substrate designed for ornamental trees and bushes growing in pots and containers. Balanced nutrition, use of special root growing stimulant and wetting agent are best for transplanting and initial growing.
As substrate for corniferous can be used for spruce, juniper, larch, pine sprouts and grown plants growing; substrate for deciduous is fitted for maple, barberry, cotyno veigel and many others both in small pots and big containers.

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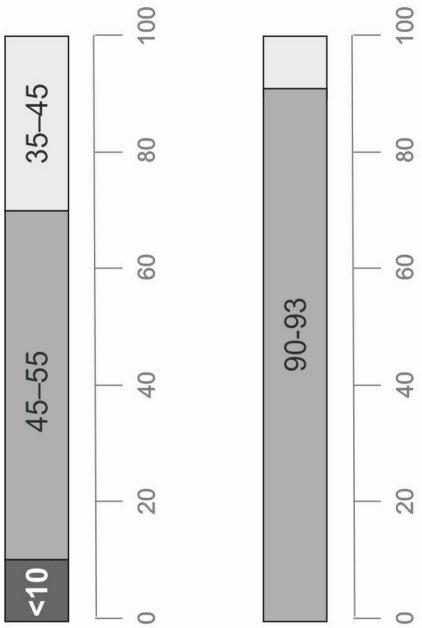
PROFI MIX 3b

70 L – GP0528 • 250 L – GP0529 • 4000 L – GP0530

Agrofizical data (%)



- Air capacity
- Water capacity
- Dry matter
- Oragnic matter

Agrochemical data

pH 5,5–6,0 (deciduous)
pH 4,0–4,5 (conifers)
EC 1,0–1,5 mS/cm

Composition (%)

White peat 0–40 mm	80									
Black peat 0–5 mm	20									

Additives

Limestone up to 5 kg/m^3
Clay 1–8 mm 20 kg/m^3
Fiba Zorb 0,1 l/m^3

Nutrients

NPK fertilizer 14-16-18 1,0 kg/m^3
Osmocote Exact Standart 5-6 M 2 kg/m^3
Bioroot 0,1 l/m^3
Radigen 0,05 kg/m^3

Package

70 L, 250 L, 4000 L

Comments

Substrate for ornamental plant cultivation, especially in big containers. Coarse fraction, enriched by clay, microelements and long term fertilizers Osmocote quarantees the best growing conditions and fertilization for all season. pH can be adjusted to deciduous or conifers growing. The main advantage – planted into this substrate plants don't need additional fertilization all the summer season, containers must be watered only. This is very important both in big nurseries and city or garden landscaping.