



RE-PEAT® MISCANTHUS-MIX

A NEW AND LOCALLY GROWN RAW MATERIAL IN SUBSTRATE PRODUCTION



... and everything starts to blossom!



RE-PEAT® - Miscanthus-Mix by Floragard

The future of potting soils and substrates

Sustainable raw material for the production of professional substrates and potting soils based on locally grown Miscanthus x giganteus (giant miscanthus).



RE-PEAT® - Miscanthus-Mix Miscanthus - sustainable | local | climate-friendly

- Miscanthus x giganteus (giant miscanthus)
- Renewable and locally grown raw materials are utilized for ecologically sustainable biomass production
- Fast growing C4 plant (high C assimilation, optimal metabolic processes for plant growth), up to 4 m of plant growth
- High yield of biomass
- Tolerant of different growth conditions
- Requires minimal soil cultivation, promotes the biological activities in the ground soil
- Perennial crop which stays in the ground for 20 years, usually full yield as of 3rd year
- Stems stay in the field during winter and provide wildlife shelter
- Leaves fall off in winter and support several ecosystem services, such as the development of humus.
- Improved soil fertility and carbon sequestration in the ground soil (carbon sink, positive carbon footprint)
- Harvesting before the new crop emerges (April/May)

RE-PEAT® MISCANTHUS-MIX

RE-PEAT® - Miscanthus-Mix Production

- Biological treatment with a special method developed by Floragard
- With natural additives which support the stabilisation of nitrogen and which reduce the immobilisation of nitrogen
- Customised physical processing of the Miscanthus-chips, depending on the application in horticulture
- Compatible characteristics ensure the storage stability of this peat alternative
- Suitable for peat-reduced and peat-free substrates and potting soils with a share of up to 30 % volume

RE-PEAT® - Miscanthus-Mix Horticultural characteristics

- Suitable for organic substrates and potting soils
- Consistent product characteristics
- Slightly acid pH-value
- Low salinity
- Moderate nutrient contents
- High porosity and air capacity
- Good structural stability
- Free from impurities
- Low contents of heavy metals
- Free from pesticide residues and other harmful substances
- Stable nitrogen content
- Low tendency to fungal growth



Re-Peat Agrar GmbH, a member of the Floragard group, collaborates with farmers to promote sustainable agriculture through re-peat.com

Miscanthus



Miscanthus chips



Miscanthus-Mix





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