

The ecological constituent

TerrAktiv from Klasmann-Deilmann



we make it grow

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TerrAktiv von Klasmann-Deilmann

Market leader in organic substrates

Klasmann-Deilmann is the leading producer of organic substrates. Working with ecologically minded nurseries we are securing a quality advantage based on the continuous development of our organic substrates. The whole production process is inspected and certified by the independent organic inspection body Grünstempel® e. V. Our organic growing media comply with the regulations and requirements of the agricultural and horticultural associations of Germany, Austria and Switzerland. All raw materials, constituents and fertilisers used are bio-certified, GMO-free and tested for chemical residues.

TerrAktiv green compost

Klasmann-Deilmann's high-grade TerrAktiv green compost is the essential ingredient in organic substrates. By producing the green compost on our own composting sites we are able to guarantee a constituent with consistent high quality. The green residues as well as the collection sites are all subject to regular control. This also applies to the decomposition process, which is regularly monitored using chemical analysis methods. The control of biological parameters includes growth trials with sensitive plant species. In addition to this, independent controls are carried out several times a year by an external certification company. Klasmann-Deilmann was the first company worldwide to be awarded the Dutch RHP quality label for green compost.

RAW MATERIALS TerrAktiv®

TerrAktiv is a high-quality green compost enriched during rotting by biodynamic preparations which ensure that micro-organism activity is stimulated. Specially added predatory mites support the biological suppression of sciarids in the greenhouse. TerrAktiv complies with RAL criteria as well as the requirements of the RHP foundation and EU organic standards.



TerrAktiv

- is biologically active
- suppresses root diseases
- increases shelf life of potted herbs
- conforms to guidelines laid down by Dutch RHP foundation
- is a slow releasing source of nutrients (especially P, K, Mg and trace elements)
- has a high buffering effect on nutrients
- enhances re-wettability
- improves the release of organic fertiliser



RAW MATERIALS TerrAktiv® FT

TerrAktiv FT represents an innovative development of TerrAktiv into an organic fibre that is fermented using a special process. The fermentation stabilises the organic fibres and mobilises added organic nutrients. TerrAktiv FT is an ideal constituent also for organic blocking substrates as it helps to improve aeration and optimises root development in the biological cultivation of vegetable young plants. Substrates with TerrAktiv FT are suitable for use on all standard press pot machines.



TerrAktiv FT

- is nitrogen-stable
- enhances air capacity in press pots
- optimises germination and plant development
- allows up to 50% peat reduction in combination with other constituents
- reduces the risk of too fast ammonium release



ORGANIC PLANT PRODUCTION

- Optimum substrates for press pots, for growing pot herbs and bedding plants
- Grünstempel® certification according to the EU regulation (EC) No 834/2007 and (EC) 889/2008



Substrate	Bio Potgrond	Bio Substrate 2	Bio Herb Substrate	Bio Potting Substrate
Recipe-No.	023	027	693	840
Composition	<div style="background-color: #cccccc; padding: 2px;">TerrAktiv FT</div> <div style="background-color: #cccccc; padding: 2px;">TerrAktiv</div> <div style="background-color: #004d40; color: white; padding: 2px;">Frozen through black peat</div>	<div style="background-color: #cccccc; padding: 2px;">TerrAktiv FT</div> <div style="background-color: #cccccc; padding: 2px;">TerrAktiv</div> <div style="background-color: #c8e6c9; padding: 2px;">White peat (0 – 25 mm)</div> <div style="background-color: #004d40; color: white; padding: 2px;">Frozen through black peat</div>	<div style="background-color: #cccccc; padding: 2px;">TerrAktiv FT</div> <div style="background-color: #cccccc; padding: 2px;">TerrAktiv</div> <div style="background-color: #ff8a65; padding: 2px;">Coir, organic</div> <div style="background-color: #c8e6c9; padding: 2px;">White sod peat (5 – 15 mm)</div> <div style="background-color: #004d40; color: white; padding: 2px;">Frozen through black peat</div> <div style="background-color: #c8e6c9; padding: 2px;">White peat (0 – 25 mm)</div>	<div style="background-color: #cccccc; padding: 2px;">TerrAktiv</div> <div style="background-color: #ffeb3b; padding: 2px;">GreenFibre</div> <div style="background-color: #004d40; color: white; padding: 2px;">Frozen through black peat</div> <div style="background-color: #c8e6c9; padding: 2px;">White peat (0 – 25 mm)</div>
Clay				✓
pH-value (H ₂ O)	6.0	6.0	6.0	6.0
Fertilization (g/l)	organic	organic	organic	organic
Structure	fine	medium	medium	medium
Use for	Vegetable young plants in press pots	Pot herbs, vegetable young plants	Pot herbs, tomato, pepper, cucumber	Bedding plants, shrubs, salt tolerant pot plants

Other specific substrate recipes with a wide range of organic fertilising solutions are available on request.



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