

The basis for ecological growth

TerrAktiv from Klasmann-Deilmann



we make it grow

The ecological constituent

TerrAktiv from Klasmann-Deilmann

Market leader in organic substrates

Klasmann-Deilmann is the leading producer of organic substrates. Working with ecologically minded nurseries we secure a quality advantage based on the continuous development of our organic substrate range. The whole production process is inspected and certified by Ecocert®, the worldwide largest organisation for certification in organic cultivation. 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 certified for organic growing, GMO-free and tested for chemical residues.

TerrAktiv green compost

Klasmann-Deilmann's high-grade TerrAktiv green compost is the essential ingredient in our organic substrates. By producing the green compost on own composting sites we are able to guarantee a constituent of consistently high quality. The green residues as well as the collection sites are subject to regular control. This also applies to the decomposition process which is regularly monitored with chemical analysis. The control of biological parameters includes bio assays with sensitive plant species. In addition to this, independent controls are carried out several times a year according to the Dutch RHP norm. 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 the composting process by biodynamic preparations which ensure that micro-organism activity is stimulated. Specially added predator 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 nitrogen release of organic fertilisers



RAW MATERIALS TerrAktiv® FT

TerrAktiv FT represents an innovative development of TerrAktiv into an organic fibre that is fermented during 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 a too fast ammonium release



SUBSTRATES FOR ORGANIC PLANT PRODUCTION

Certified according EU-regulation (EC) No. 834/2007



Substrate	Bio Potgrond	Bio Tray Substrate	Bio Herb Substrate	Bio Potting Substrate
Recipe-No.	025	062	693	840
Composition	<div style="background-color: #cccccc; padding: 2px;">TerrAktiv</div> <div style="background-color: #cccccc; padding: 2px;">TerrAktiv FT</div> <div style="background-color: #004d40; color: white; padding: 2px;">Frozen through black peat</div>	<div style="background-color: #cccccc; padding: 2px;">TerrAktiv</div> <div style="background-color: #cccccc; padding: 2px;">TerrAktiv FT</div> <div style="background-color: #90c090; padding: 2px;">White peat (0 - 5 mm)</div> <div style="background-color: #004d40; color: white; padding: 2px;">Frozen through black peat</div>	<div style="background-color: #ffff00; padding: 2px;">GreenFibre medium</div> <div style="background-color: #cccccc; padding: 2px;">TerrAktiv</div> <div style="background-color: #cccccc; padding: 2px;">TerrAktiv FT</div> <div style="background-color: #90c090; padding: 2px;">White peat (0 - 25 mm)</div> <div style="background-color: #cccccc; 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: #ffff00; padding: 2px;">GreenFibre medium</div> <div style="background-color: #cccccc; padding: 2px;">TerrAktiv</div> <div style="background-color: #cccccc; padding: 2px;">TerrAktiv FT</div> <div style="background-color: #90c090; padding: 2px;">White peat (0 - 25 mm)</div> <div style="background-color: #004d40; color: white; padding: 2px;">Frozen through black peat</div>
Clay				✓
pH-value (H ₂ O)	6.0	6.0	6.0	6.0
Fertilisation (g/l)	Organic	Organic	Organic	Organic
Extra trace elements	✓	✓	✓	✓
Wetting agent				
Structure	Fine	Extra fine	Medium	Medium
Use for	Vegetable young plants	Pot herbs, Vegetable young plants	Pot herbs, Tomato, Pepper, Cucumber	Ornamental plants, Shrubs, Pot plants

DISCLAIMER:

The statements made in this technical information sheet are based on our present knowledge and do not claim to be complete or fully accurate. We reserve the right to make changes. We do not offer any guarantee or accept any liability for individual cases, as all specific circumstances depend on the individual location, storage and growing conditions, which are beyond the reach of our knowledge and influence. The information given must not be considered as a substitute for individual advice. It is neither binding nor does it form part of a contract for the provision of advice or information.



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