

Conventional  
Growing



# TERRAVIT® DroughtGuard

Organic Soil Improver for Soil Health  
and Water Management





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**TERRAVIT® DroughtGuard** is an organic soil improver designed to optimize water movement in the soil and support plant performance under drought, compaction, and salinity stress. Its organic and mineral components help create a more balanced soil environment, improving root-zone functioning and enhancing the soil's ability to manage moisture. **TERRAVIT DroughtGuard** strengthens overall soil resilience and supports stable crop performance under challenging conditions.

## Product Description

- Soil Improver; NPK 2-1.5-2 + 1MgO + 10CaO
- Contains around 55% stable organic matter with a C/N ratio of 12
- Contains insect frass as a natural source of chitin
- Enriched with carbon rich components
- Free from pathogens and weed seeds
- Low in chlorine
- Produced in compliance with EU Regulation 1069/2009/EEC
- Certified for use in organic farming (EU 2021/1165 and EU 2018/848)



## Key Benefits

- Enriches the soil with stable carbon compounds that improve long-term water-holding capacity
- Improves soil structure and enhances organic matter stability
- Improves aeration, supporting better drought tolerance
- Reduces salt stress in saline or high-EC soils, improving root performance
- Increases plant and soil resilience by stimulating microbial activity

## Product Characteristics

	% on total product
Dry matter	90
Organic matter (loss on ignition at 550°C)	60
C/N ratio	12
Nitrogen (N) total	2
Phosphate (P <sub>2</sub> O <sub>5</sub> ) total	1.5
Potassium (K <sub>2</sub> O) total	2
Magnesium (MgO)	1
Calcium (CaO) total	10
Sulphur (SO <sub>3</sub> ) total	11
Bulk density	650-750 kg/m <sup>3</sup>
Product appearance	Crumb (1-4 mm)





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## Dosage Recommendations

Crop	kg/ha
Open field vegetables	800 - 1.500
Greenhouse vegetables	500 - 1.000
Broadacre crops	600 - 1.200
Fruit trees & orchards	1.000 - 2.000
Vinyards	800 - 1.500
Ornamentals & floriculture	500 - 1.500
Lawn and sports turf	400 - 1.000
Tree nurseries & perennials	1.500 - 2.000
Lawn and sports turf	1.500 - 2.000

Application rates depend mainly on soil condition, stress level, and management system. Use higher rates in sandy, compacted, drought-prone, or saline/high-EC soils. For crop or site specific advice, please contact MeMon or your local consultant.

## General Application Advice

- Work the product into the topsoil prior to planting or sowing
- Apply the product in a shallow ditch alongside the planting line, positioned 15–20 cm from the roots
- Apply post-harvest to maintain soil condition for the next crop cycle
- In orchards and vineyards, apply the product in the tree or vine row
- Apply before rainfall or irrigate after application

## Storage Conditions

- Store in a dark, cool but frost-free and dry place
- Keep away from water and moisture
- Do not store together with food products
- Minimum shelf life of three years after production; longer if stored correctly

## Safety & Environmental Information

- Not intended for ingestion. Wash hands after use. Don't breath in dust
- In case of an accident or if you feel unwell, seek medical advice
- Keep away from children and pets

### MeMon B.V.

Rembrandtlaan 1, 6814 JL Arnhem  
The Netherlands  
info@memon.nl  
memonfertilizers.com  
+ 31 (0)26 3523100

### Supported by our local distributors and experienced technical teams, we provide:

- Region-specific agronomic advice
- Technical product support
- Field trials addressing local challenges
- Guidance on application and storage



