

Conventional
Growing



TERRAVIT[®] NutriGuard

Organic Soil Improver
for Soil Fertility and Nutrient Efficiency





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TERRAVIT® NutriGuard is a soil improver that enhances long-term soil fertility by combining organic matter with natural mineral components. It helps stabilize nutrients in the root zone, creating a more efficient and balanced nutrient environment. The product supports soil structure, strengthens microbial activity, and improves overall root-zone conditions. TERRAVIT NutriGuard is particularly valuable in sandy and acidic soils, where nutrient losses and soil imbalance are common.

Product Description

- Soil Improver; NPK 2.5-1.5-2 + 1MgO + 10CaO
- Contains around 60% organic matter with a C/N ratio of 12
- Contains insect frass as a natural source of chitin
- Enriched with natural humic substances
- 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

- Rebuilds soil fertility by replenishing essential nutrients and organic matter
- Humic content improves soil CEC, enhancing nutrient retention and crop uptake
- Improves nutrient use efficiency and reduces nutrient losses through leaching
- Ideal for acidic soils, helping to balance pH and enhance nutrient availability
- Stimulates microbial activity, strengthening soil vitality and crop resilience

Product Characteristics

	% on total product
Dry matter	90
Organic matter (loss on ignition at 550°C)	60
C/N ratio	12
Nitrogen (N) total	2.5
Phosphate (P ₂ O ₅) total	1.5
Potassium (K ₂ O) total	2
Magnesium (MgO)	1
Calcium (CaO) total	10
Sulphur (SO ₃) total	11
Bulk density	650-750 kg/m ³
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

Application rates depend mainly on soil condition, organic-matter level, and nutrient demand. Use higher rates in nutrient-depleted, acidic, sandy, or leached 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

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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



