

Organic
Growing



MONTERRA[®] Activator

High-Performance Organic Soil Improver
for Biological Activation and Soil Vitality





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MONTERRA® Activator is an insect-based organic soil improver designed to stimulate soil biology and strengthen soil vitality. Its natural chitin content promotes beneficial microbial activity, improving nutrient cycling and supporting healthier, more active soils. This circular, low-carbon-footprint product contributes to better soil structure, enhanced moisture retention, and improved root-zone function, helping crops establish stronger and grow more efficiently. MONTERRA Activator supports long-term soil productivity and is ideal for use in sustainable and organic farming systems.

Product Description

- Organic soil improver; NPK 3.5-2.5-2 + 2.5 CaO
- Product is based on insect frass
- 100% natural, no chemical or other additives
- High percentage of stable organic matter
- 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

- Contains around 80% organic matter with a C/N ratio of 13
- Insect-based circular product with a low carbon footprint
- Natural source of chitin, stimulating beneficial soil microbes
- Activates soil biology and enhances nutrient cycling for improved soil vitality
- Improves soil structure and increases the water-holding capacity of the soil
- Boosts root-zone activity for stronger and healthier plant growth
- Promotes long-term soil health and sustainable productivity in organic systems

Product Characteristics

	% on total product
Dry matter	90
Organic matter (loss on ignition at 550°C)	80
C/N ratio	13
Nitrogen (N) total	3.5
Nitrogen (N) organic	3.4
Phosphate (P ₂ O ₅) total	2.5
Potassium (K ₂ O) total	2
Magnesium (MgO) total	0.5
Calcium (CaO) total	2.5
Bulk density	650-750 kg/m ³
Product appearance	Pellets (4-5mm)





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Dosage Recommendations

Crop	kg/ha
Open field vegetables	1.000 - 3.000
Greenhouse vegetables	2.000 - 3.000
Broadacre crops	2.000 - 3.000
Grains and rice	900 - 2.600
Fruit trees & orchards	1.500 - 3.000
Vineyard	1.000 - 2.000
Ornamentals & floriculture	1.500 - 2.500
Tree nurseries & perennials	1.000 - 2.000
Lawn and sports turf	1.000 - 1.500

Dosage recommendations are based on average crop needs. The exact amount depends on the crop, climate, and soil conditions. For tailor-made advice, please contact MeMon or the local consultant.

General Application Advice

- Apply 7-10 days prior to sowing or planting and mix with the top layer of the soil
- In planted areas, apply as a top or row fertilization at 15-20 cm from the roots
- Apply before rain or use irrigation after application
- Apply post-harvest to maintain soil condition for the next crop cycle

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. on'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



