

STALFERT TOP N 2.5

BIO ACTIVE N

GROWING SUBSTRATE

mixed growing substrate activated with
Bacillus pseudomycoides, a nitrogen
fixing bacterium

Provides organic matter from bovine and equine manure

Increases nitrogen availability and uptake at root level with *Bacillus pseudomycoides*

Improves soil structure, biological fertility and microbiological function



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STALFERT TOP N 2.5

BIO ACTIVE N

Characteristics

STALFERT TOP N 2.5 BIO ACTIVE N is a high quality substrate derived exclusively from bovine and equine manure not originating from industrial farms, and from selected vegetable matrices permitted in organic farming. The new formulation contains *Bacillus pseudomycolides*, strain 1901, a nitrogen-fixing microorganism with high root colonisation and environmental adaptation capacity. The strain used is active in a wide range of pH (4.5-9) and temperatures (0-45°), tolerates high salinity (>4%), and develops rapidly even in suboptimal conditions. This bacterium mainly acts by increasing the amount of nitrogen available to the roots and promoting its absorption. Thanks to its co-formulation with humified organic matrices and selected microbial consortium, **STALFERT TOP N 2.5 BIO ACTIVE N** improves the structure, biological fertility and microbiological functionality of the soil, resulting in ideal conditions for restoring poor soils and allowing plants to synthesise 30 to 50 units of N per hectare, while reducing chemical inputs and nutrition costs.



Composition

	w/w (UFC/g)
Organic nitrogen (N) on dry matter	2.5%
Organic carbon (C) on dry matter	32.0%
Humic and fulvic carbon (C) on dry matter	7.0%
Organic matter	64.0%
<i>Bacillus pseudomycolides</i> , strain 1901**	1.00 x 10 ⁷

pH	7.8
Electrical Conductivity	1.0 dS/m
Apparent dry density	950 kg/m ³
Total porosity	2.0% (v/v)

*Average values not reported on the label and on the natural living organic matrix

**Exclusive strain isolated and deposited by Organazoto in an international microbial collection.

Components

ORGANIC FERTILISERS:

Dried bovine and equine manure from non-industrial farms

Meat meal

Inoculation of mycorrhizal fungi and bacteria authorised in accordance with Annex II, Part I, point 1.9.6 of Regulation (EU)

Green compost soil improver obtained from mixtures of plant materials subjected to composting, not containing chemically treated wood

Mixed compost soil improver not containing waste

Bone meal

Doses and Instructions

CROPS

Fruit trees

Horticultural crops

Ornamental crops

Industrial crops

Fresh-cut produce crops

APPLICATION RATES Kg/ha

1000-1500 during planting, pre-vegetative growth phase, and post-harvest

1500-2000 pre-sowing or transplanting

1000-1500 pre-sowing or transplanting

2000-2500 pre-sowing or transplanting

1500-2000 pre-sowing

* Suggested application rates are indicative and may vary depending on local conditions and crop needs.

Formulation

Pellet

Packaging

25 -500 kg

Diameter

5 mm

Humidity

< 10%

Warnings

The product is recommended to be buried in the ground, avoiding direct contact with the plant. We recommend storing it in a place protected from the elements. Organazoto guarantees the vitality of the product for at least 12 months from the date of production.

Technical Notes



SOIL
APPLICATION



PELLET



BIO

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