

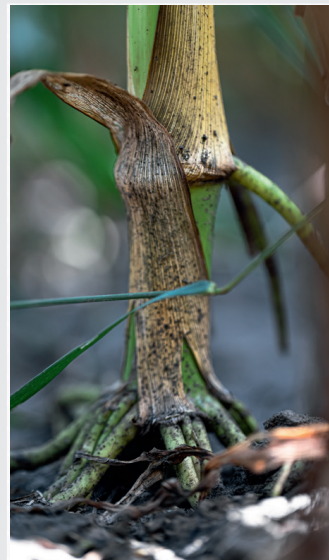
OMNIVITA[®]
"with power of science"

www.omnivitaproduct.com

TerraVita

Soil conditioner
For a sustainable soil status and better plant condition

- Selected bacterial strains and technology protected by International Intellectual Property rights
- Third generation preparations, exceptional resistance and stable biological activity even in extreme conditions
- Effective stubble residue degradation
- Nitrogen fixation, nutrient mobilization (capability to provide 50/20/10 kg/ha N/P/K)



Omnivita[®] TerraVita

Manufacturer/Distributor:

Nova Scientia Kft.

6235 Bócsa, 03/151

E-Mail: info@novascientia.com

Results of the use of Omnivita® TerraVita

Omnivita® TerraVita

The strains of natural bacteria settled in the roots zones of the plants have a positive effect on soil life.

The increasing biological activity helps root development and improves nutrient supply of the plant. It will stabilize the flora and biologically inhibit the growth of several pathogenic fungi (e.g. Fusarium) and consequently, significantly reduce the mycotoxin residue in the product. Nutrient uptake is accelerated and is harmonious throughout the entire vegetation period. Besides the yield gain the quality and nutritional value of the crop composition is also improved (e.g. starch, protein and oleic acid content).

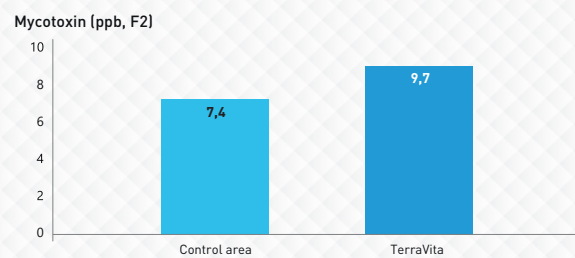
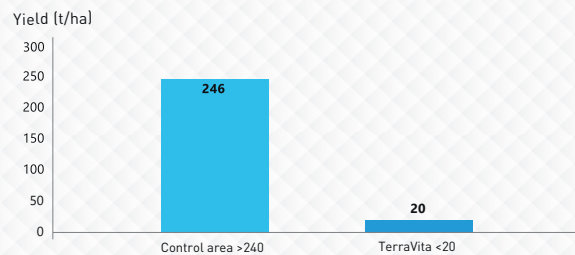
pH value: 6.5 - 7.5

Density: 1,02 kg/dm³

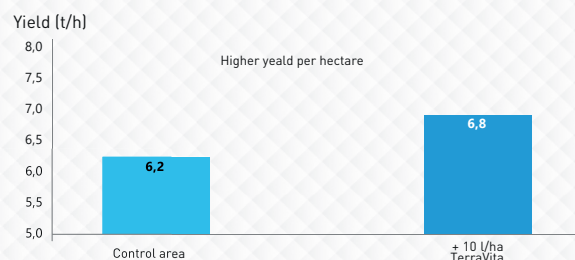
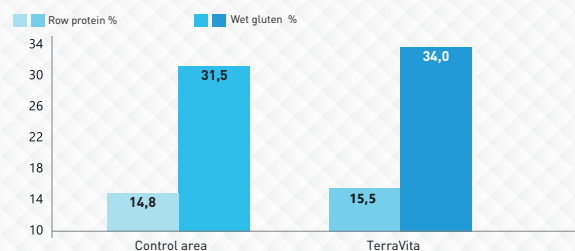
Composition:

Natural microbial preparation
(*Azotobacter chroococcum*, *Azospirillum brasilense*, *Bacillus licheniformis*)

Results of maize production



Results of grain production



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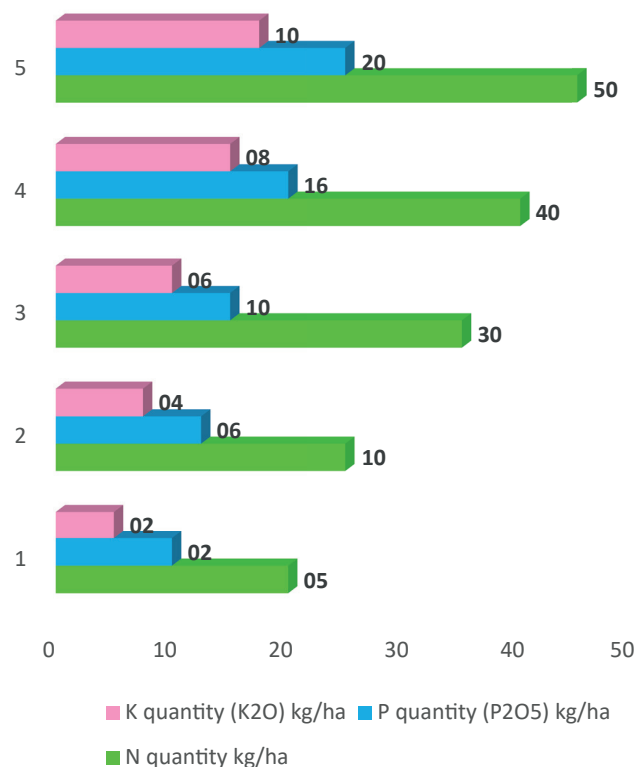
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Indispensable for modern agriculture

Omnivita® TerraVita

- effectively binds nitrogen from the air, in organically bound form, which is always will later be available to the plants and is not washed out of the soil;
- provides plants further macro, meso and organic nutrients (e.g. phosphorus and potassium);
- decomposes plant residues, which suppress the overwintering of pathogens and pests;
- increases the organic content in the soil in the short term, while in the long term it increases the humus content. It also stabilizes soil pH and supports the lifecycle of valuable soil inhabitant organisms;
- will increase plant vitality: which results in healthier vegetation, generates intensive root development, increases the quality and yield of the product;
- - Depending on soil conditions, 10 l/ha Omnivita® TerraVita fixes an average of ~50 kg/ha N* and makes available - ~20 kg/ha phosphorus (P₂O₅*) and ~10 kg/ha potassium (K₂O*).
* as equivalent

Biologically available N/P/K quantity kg/hectare



1: skeletal soil (sand), 2: load soils (alluvial), 3: meadow soils, 4: brown woodland soil, 5: chernozem



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Application

Autumn

Spray Omnivita[®] TerraVita with a dose of 10 l/ha with 200-300 l/ha of water on the stubble residues of the previous crop or on the soil, then mix under the soil with the plough or discs or remove from the soil together with liquid manure.

Due to the increased resistance and tolerance of the preparation to sunlight, extreme heat, cold and other physical and chemical stressors, application to the soil can also take place several days later. Therefore, the use of the preparation is compatible with normal agricultural practice. It binds nitrogen from the air, has a positive effect on the supply of macro-, meso- and microelements, breaks down stem residues and has a dampening effect on pathogens living in the soil.

Spring

Spray Omnivita[®] TerraVita at a dose of 10 l/ha with 200-300 l/ha water on the stubble residues of the previous crop or on the soil, then mix under the soil with the plough or discs or apply together with animal liquid manure Injection.

Advantages

- bacterial spores and other stubborn formations are only activated after incorporation into the soil
- increased UV and direct light tolerance
- increased heat and cold tolerance
- can be mixed with pesticides
- not harmful to bees

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The result is:

Healthy crops and good yields!

An indispensable tool in water protection and agri-environmental management!