

Liquid soil improver to improve nutrient absorption

■ DESCRIPTION

MicroAktiv[®]-NU is a mixture of selected, naturally occurring micro-organisms for use in agriculture and horticulture for better plant resistance. **MicroAktiv[®]-NU** is a liquid containing micro-organisms, including those from the *Pseudomonas* family. This bacterium is known to produce enzymes that help crops absorb nutrients from the soil. This has a positive effect on the growth of the plant and also contributes to an increase in the dry matter content in the soil. A high dry matter content ensures that the plant is more resistant to abiotic plant stress.



Abiotic Plant Stress (APS) is a phenomenon caused by external factors in the plant's environment. APS can originate underground, e.g. by repotting or transplanting the crop, which causes damage to the roots, or by the salinity in the soil. But APS can also occur above ground due to wind and/or temperature influences, drought or too much radiation.

■ APPLICATIONS

MicroAktiv[®]-NU is used as a soil improver in agriculture and horticulture.

■ APPLICATION PROGRAMS

MicroAktiv[®]-NU can be applied via irrigation pipes or by spraying the product during sowing/planting. The dosages below can be used for these applications:

- Irrigation pipes: 3-5 litres/ha. 250 ml x 100 liters of water per 1000 m²
- Spraying: Dissolve 0.5 liters of product in 100 liters of water on 1000 m²



■ PRODUCT CHARACTERISTICS

Appearance	Light brown liquid
Ingredients	Selected, naturally occurring, non-pathogenic saprophyte microorganisms including a Pseudomonas strain.
Nominal CFU count	10 ⁸ CFU/ml
Shelf life	3 to 4 months (when properly stored; 5° -10° C)
Packaging	5 liter jerry cans

■ OPTIMAL APPLICATION CONDITIONS

MicroAktiv® products are based on natural components and bacteria. Therefore, do not use the product in combination with biocides and fungicides. Soils that have been exposed to these agents for a long time contain residues of these products and are not directly suitable for the application of **MicroAktiv®**. These obstacles can be overcome with the aid of certain additives. Consult the **MicroAktiv®** product specialist for the best treatment program.

■ STORAGE & HANDLING

Storage	5° - 10° C Dry conditions; DO NOT FREEZE
Handling	ATTENTION The product contains class 1 microbes, defined by the EEC Directive 2000/54, which are unlikely to cause disease in healthy humans and animals. However, individuals with compromised immune systems or a history of severe allergic reactions/reactions should avoid contact with open wounds and/or inhalation of dust or mist from product handling or manufacturing process.

MicroAktiv® is a registered trademark

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