

Prime MICROSENSE®

Soil
Seed
Root



Made in Germany



HIGH QUALITY NUTRIENTS

MICROSENSE® Prime is specially developed to optimize plant growth in annual and perennial plants despite the effects of global warming. Extreme weather events like unusual frosts, long periods of heat, droughts and heavy rains putting plants under stress conditions which hinder cell division and regeneration.

MICROSENSE® Prime composition including amino acids like Alanine, Glycine, Serine, Tryptophan and Valine promote cell division and regeneration thus compensating for the effects of climate change.

MICROSENSE® Prime also contains macro- and micro-nutrients, natural organic acids, humic and fulvic acids and microorganisms. Holistic formulation provides all-in-one solution for essential nutrients, improved absorption and increased resilience to environmental factors

BENEFITS & RECOMMENDED APPLICATION

- Contains essential macro- and micro- nutrients
- Improves nutrient mobility and uptake
- Improves cell regeneration
- Increases plant immunity against stress factors
- Increases yield and fruit quality
- Extends shelf life of the fruit
- Increases soil quality index value and soil biodiversity
- Optimizes growth in annual and perennial plants
- Regulates the water balance of the plant
- Supports plants to regulate nutrient intake and assimilation at insufficient light intensity
- Increases resilience despite the effects from climate

FIELDS OF APPLICATION

- Open field and Greenhouse
- Agriculture
- Vegetable Production
- Fruit Production
- Substrate Cultivation
- Turf and Landscaping
- Seed Treatment

RECOMMENDED APPLICATION RATES *

Soil	Total amount/vegetation period 4 – 6 L / Ha (0.1 – 0.5 L / Ha per application)
Foliar	0.30 – 0.5 L / Ha via spaying
Substrates	0.20 – 0.30 L / m ³
Seeds	1 L / 1 ton seed
Hydroponics	20 – 50 ml / 1.000 L nutrient solution during cultivation cycle

* Standard recommendations that can vary according to soil properties, cultivated crop and local application conditions.

SHAKE WELL BEFORE USE

Please remind to shake well the bottle or container prepared mix well before use.



BLEND USE NOTICE

Before use in combination with other agents, first preparation of a sample mix in a small scale is recommended to avoid any risk of flocculation.



PREPARATION OF MIXTURE

Make sure sufficient amount of solution is added to half water filled tank while agitator is running. Add additional substances or crop protection agents before filling the tank fully with water.



INHERENT COMPOSITION* (Typical values based on Fresh Matter)

Humic Acid	5 %	Potassium (K)	4 %
Total Amino Acid	5 %	Calcium (Ca)	1 %
Bacillus Subtilis	1x10 ⁷ CFU/ml	Iron (Fe)	1.5 %
Bacillus Megaterium	1x10 ⁷ CFU/ml	Magnesium (Mg)	1 %
Azotobacter Chroococcum	1x10 ⁷ CFU/ml	Zinc (Zn)	1 %
Azospirillum Brassielience	1x10 ⁷ CFU/ml	pH	5.5 – 6.5
Nitrogen (N)	5 %	Density	1.3 – 1.4 g/cm ³
Phosphorus (P)	1 %		

* Humintech keeps the right to change the composition of the product.

CONDITIONS FOR SAFE HANDLING AND STORAGE

Store in a dry area, protected from frost, heat and direct sunlight.

KEEP OUT OF THE REACH OF CHILDREN, PETS AND FOOD



DELIVERY SPECS



Bottle
1 L

Canister
5 / 10 L

IBC
Container



German technology



Administration & Distribution: **HUMINTECH GMBH**

Am Pösenberg 9 – 13 • 41517 Grevenbroich / Germany • E-Mail: info@humintech.com • Internet: www.humintech.com