

# MICROSENSE® Swift



Made in Germany



## NEWGEN FOLIAR NUTRITION

**MICROSENSE® Swift** contains natural organic acids, amino acids and fulvic acid with low molecular weight that can easily diffuse from the leaves to the plant to provide significant effects especially via foliar applications. It is highly efficient in transporting mineral elements, especially in fruit or grain cultures. In both annual and perennial plants, it provides macro- and micro-nutrients needed for maintaining ion balance during plant growth. Its amino and fulvic acids support plants under stress conditions.

**MICROSENSE® Swift** contains 18 complete proteins and 12 free amino acids. These provide resistance to drought, stress conditions like salinity, alkalinity and water deficiency while also increasing photosynthetic efficiency, cell division and regeneration.

## BENEFITS & RECOMMENDED APPLICATION

- Raises the chelating capacity; better fertilizer use efficiency and less nutrient leaching
- Promotes root respiration and vertical development
- Improves nutrient uptake efficiency through the root system
- Effectively provides the nutrients that plants need during their growth period
- Improves soil quality index
- Increases plant immunity against biotic and abiotic stress
- Regenerates degraded soil
- Increases soil biodiversity and activity in the rhizosphere
- Promotes more uniform yields
- Improves plant quality
- Increases yield

## 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: 3 – 6 L / Ha (1 – 2 L / Ha per application)
Foliar	0.15 – 0.5 L / Ha via spraying
Substrates	0.5 – 1 L / m <sup>3</sup>
Seeds	1 – 2 L / 1 ton seed
Hydroponics	20 – 40 ml / 1.000 L nutrient solution during cultivation cycle

\* These are standard recommendations that can vary according to soil properties, cultivated crop and local system conditions.

## INHERENT COMPOSITION (Typical values based on Fresh Matter)

Fulvic Acid	5 %	Fe	2 %
N	8 %	Zn	1 %
P	4 %	Amino Acid	16 %
K	6 %	pH – Value	3 – 4

PGPR (Azotobacter chroococcum spp. Azospirillum brasilense spp. Peanibacillus polymyxa, Bacillus pumilus, Bacillus megaterium, Bacillus subtilis, (1 X 10<sup>9</sup> KBE/ml).

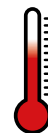
\* Humintech keeps the right to change the composition of products.

## STORAGE

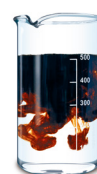
Store in cool, dry areas, protected from frost, heat and direct sunlight.

Keep containers closed when not in use.

**STAY AWAY FROM CHILDREN, PADS AND FOOD PRODUCTS.**



## DELIVERY SPECS



Bottle  
1 L

Canister  
5/10/20 L

IBC  
Container



German technology

Administration & Distribution: **HUMINTECH GMBH**

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