

# MIKROPAK<sup>TM</sup>

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## Features

- A fully liquefiable (99.998%), homogenous concentrated microelement product. Specially formulated to provide quick and long lasting plant and turf verdure.
- Non-staining and non-tracking
- Fully usable as a micronutrient or as a “stand alone green up” product.
- Tank mixable with known fungicides, herbicides, growth regulators, surfactants and most flowable fertilizers.
- Non-corrosive and non-damaging to spray or irrigation systems.
- Recommended for fertigation, drip irrigation and long term liquid storage.
- Recommended for hydroponic and drip irrigation agriculture.
- “Hose-end” sprayable on flora, trees, shrubs, landscape and ornamentals.
- User friendly packaging for storage and application.

**Iron:** Necessary for chlorophyll and cytochrome production and the cellular respiratory mechanism. Increases color, shoot growth and root growth. The micronutrient most often deficient in turf. Provides greening without excessive stimulation of top growth.

**Magnesium:** Chlorophyll production and many energy reactions such as sugar formation. Acts as a carrier of phosphorus and regulates the uptake of other plant nutrients.

**Manganese:** Necessary for photosynthesis, carbohydrate metabolism, chlorophyll synthesis and the oxidation-reduction process. Prevents yellowing and encourages response to nitrogen.

**Zinc:** Involved in the conversion of ammonium to amino nitrogen. Necessary for chlorophyll production. Promotes seed maturation and production.

**Sulfur:** Synthesis of sulfur-containing amino acids. Required for protein synthesis and activation of certain enzymes and hormone constituents. Reduces incidence of disease and increases availability of other elements.

# **MIKROPAK™**

**MIKROPAK™** is a unique fully liquefiable (99.998%) crystalline micronutrient. The concentrated homogenous composition of Chelated Iron, Magnesium, Manganese, Zinc, and Sulfur provide quick uptake, residual verdure and stress relief for plants and turf.

**MIKROPAK™** is fully "tank mixable" with known fungicides, herbicides, growth regulators, surfactants, and most flowable fertilizers.

**MIKROPAK™** is recommended for use on all Golf, Sports Turf, and Landscapes. It is usable on flora, trees, shrubs, fruits, vegetables, vineyards, and most specialty crops.

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## **PRIMARY USES**

- Micronutrient feed
- Preventative and chlorosis remedy
- Provides quick green up and residual verdure
- Control agent additive
- Flowable fertilizer additive

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## **APPLICATION MODES**

- Foliar Spray
- Fertigation Injection
- Drip Irrigation
- Hydroponics

## **APPLICATION TIMES**

- During ambient temperature growing seasons
- Pre and Post plant/turf dormancy
- Pre and Post plant/turf plantings

## **APPLICATION RATES**

1. As a "stand alone", green-up liquid micronutrient for plants and turf:  
Initial application is 5 lbs per acre with subsequent applications of 2.5 lbs per acre every 2 to 4 weeks to maintain color and vibrancy.
2. For tank mixing with fungicides, herbicides, growth regulators, surfactants or flowable fertilizers:  
Initial application is 5 lbs per acre with subsequent applications of 2.5 lbs per acre or less based on frequency of other products used in the tank mix.



**NOTE:** MIKROPAK does not require watering after application.

**CAUTIONS:** MIKROPAK is deemed "tank" compatible with most products except Calcium and Phosphates in large quantities. To be sure, a "jar test" is always advised prior to tank mixing.

### GUARANTEED ANALYSIS

Iron (Fe)	7.60%
7.50% Soluble Iron	
Magnesium (Mg)	3.90%
3.5% Soluble Magnesium	
Manganese (Mn)	3.90%
3.5% Soluble Manganese	
Zinc (Zn)	2.00%
1.8% Soluble Zinc	
Sulfur (S)	4.70%
3% Free Sulfur	

Derived From: Iron EDTA, Zinc Sulfate, Magnesium Sulfate and Manganese Sulfate. This product contains 0.00% slow or controlled release nitrogen

### Physical Characteristics

Crystalline, fully liquefiable (99.998%) micronutrient **pH 4±**

### Handling Cautions

Store in dry place. Avoid direct heat or fire. Decomposition may occur at high temperature (above 225°F/107°C). Harmful if swallowed or inhaled. Avoid eye contact and prolonged or repeated contact with skin. Wash thoroughly after handling. Keep out of reach of children and pets. Stored product efficacy may deteriorate after 6 years.



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