

# BORON



## COMPOSITION

### Element

Boron	50 ppm
Silicon (SiO <sub>2</sub> )	6.6%
Iron (Fe <sub>2</sub> O <sub>3</sub> )	5.5%
Calcium (CaO)	29.4%
Magnesium (MgO)	16.0%
Fulvic Acid	2.50%

### Trace Elements

Manganese (Mn)	520 ppm
Zinc (Zn)	83 ppm
Boron (B)	20 ppm
Copper (Cu)	8 ppm
Selenium (Se)	10 ppm
Molybdenum (Mo)	2 ppm
Chloride (Cl)	Less than 0.5%
Sodium (Na <sub>2</sub> O)	Less than 0.5%

## TARGETED BORON SOLUTION FOR SENSITIVE CROPS

MNG BORON is a specialized natural plant strengthener developed to address the boron needs of sensitive crops, ensuring balanced nutrient availability and consistent growth throughout the season. Its advanced formula, enriched with boron and fulvic acid, supports vital physiological processes that are essential for healthy plant development and resilience.

Designed to meet the diverse requirements of modern agriculture, it fosters sustainable productivity by improving the efficiency of nutrient absorption and optimizing plant metabolism. This targeted approach ensures plants are better equipped to thrive under varying environmental conditions, contributing to enhanced overall crop performance.

### Prolonged Flowering and Increased Yield

Strengthens plants against drought, frost, and fungal diseases, promoting resilience even in challenging conditions.

### Enhanced Disease Resistance

Strengthens plant immunity, reducing vulnerability to diseases and pests, while improving stress tolerance against cold and drought.

### Boosted Photosynthesis and Nutrient Absorption

The presence of fulvic acid enhances the plant's photosynthesis and encourages protein production, leading to higher levels of vital substances like vitamins and flavonoids.

### Improved Crop Quality and Storability

Enhances carbohydrate, protein, and nucleic acid metabolism, resulting in crops with improved taste, storage, and transport qualities.

### Optimized Water Use

Aids in better stomatal function, allowing for more efficient water use, which is essential in managing environmental stress.



## ADVANCED TECHNOLOGY

Our unique processing creates positively charged microfine particles that ensure:

- Superior leaf penetration
- Enhanced nutrient mobility
- Optimal cellular absorption
- Balanced mineral distribution

## QUALITY ASSURANCE

- Swiss-developed formula
- 100% natural ingredients
- 10-year shelf life
- Professional technical support

## EASY APPLICATION

- Simple foliar application 2–3 times per season
- Concentration: 0.2%–0.6% (crop-dependent)
- Compatible with most pesticides and fertilizers
- Best applied in early morning hours

## PHYSICAL/CHEMICAL SPECIFICATIONS

Particle size	3 µm
pH	9,0-9,5
Colour	Red
Spec. weight	0,8 kg/L
Appearance	Powder

## JAM-TECH ACTIVATION AND MICRONIZATION TECHNOLOGY

Our unique JAM-Tech technology revolutionizes the way plants receive nutrients, ensuring maximum efficiency and improved growth. By reducing mineral particles to just 3 µm through intense physical collisions, we enhance their reactivity, enabling faster nutrient release and better absorption through plant stomata. This leads to stronger, healthier crops, higher yields, and superior quality harvests. With the high Zeta potential of the minerals, nutrients are evenly distributed across the plant, ensuring optimal performance even with lower application rates. Particularly effective for calcium, magnesium, and trace elements, JAM-Tech ensures maximum nutrient efficiency.

Designed with sustainability in mind, our products are produced with near-zero emissions, offering both agronomic and economic benefits, all while being kind to the environment.

MANASEER NATURAL GREEN  
CHAMERSTRASSE 172, 6300 ZUG, SWITZERLAND  
+41 43 545-28-06 (SWISS HEADQUARTERS)  
[www.manaseernaturalgreen.com](http://www.manaseernaturalgreen.com)  
[info@manaseernaturalgreen.com](mailto:info@manaseernaturalgreen.com)