



# Bio MP™ 5-3-2

Bio MP (5-3-2) is a high carbohydrate soil conditioner designed to stimulate biological activity by providing an immediately available energy source for soil microbes. Bio MP is particularly well suited for soils with organic layers, organic matter accumulated on the surface, or soils with anaerobic conditions caused by compaction. Bio MP is also an excellent product for sterile sandy soils with low CEC and water holding capacities. Molasses is a key component.

### Benefits of Use

- Reduces leaching and loss of nutrients in sterile sand conditions
- Enhances nutrient uptake
- Stimulants root growth
- Increases tolerance of multiple stresses
- Increases overall plant vigor
- Stimulates decomposition of layering caused by anaerobic soil conditions
- Easily applied through fertigation
- Source of micronutrient and humates

### Problem Conditions Improved

- Anaerobic conditions caused by black layering
- Thatch build-up on the surface or as a sub-surface layers
- Excessive nutrient leaching
- Low CEC
- Low water holding capacity

### Guaranteed Analysis

Total Nitrogen (N).....	5.00%
4.10% Urea Nitrogen	
0.90% Nitrate Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	3.00%
Soluble Potash (K <sub>2</sub> O).....	2.00%
Iron (Fe).....	0.15%
0.15% Water Soluble Iron	
Manganese (Mn).....	0.15%
0.15% Water Soluble Manganese	
Zinc (Zn).....	0.15%
0.15% Water Soluble Zinc	

### Derived From

Urea, Potassium Nitrate, Potassium Phosphate, Phosphoric Acid, Molasses, Iron Sulfate, Manganese Sulfate, Zinc Sulfate.

Contains soluble carbohydrates (sugars), a complete vitamin package, & micronutrients.

### Physical Characteristics

10.8 lb./gal. (0.5 lb. N/gal.); pH 2.5

### Application Instructions

Apply 6-15 oz. diluted in 2.5 gal. of water per 1000 sq.ft. or 2-5 gal. diluted in 100 gal. of water per month.

Shake well before using.

### Container Sizes & Model Numbers

2.5 gal.	Model	57622
30 gal.	Model	57623

### Handling & Storage

Store between 40-95° F. Avoid direct heat or fire. Decomposition may occur at high temperatures (above 225° F). Avoid Freezing!

Keep out of reach of children. Harmful if swallowed. Avoid inhalation, eye contact, or ingestion. Avoid prolonged or repeated contact with skin which may cause irritation. Wash thoroughly after handling. Corrosive.