



**Bio MP™**

**5-3-2**

## A BIOPRO SOIL ADDITIVE

### Benefits of Use:

- Promotes soil microbial activity
- Increases tolerance of multiple stresses
- Improves overall plant vigor
- Source of micronutrients
- Improves color

### Problems Addressed:

- Thatch build-up on the surface or as a sub-surface layer

Bio MP is a unique soil additive that combines molasses with NPK and micronutrients to provide benefits to both soils and plants. Molasses stimulates soil biological activity by providing a high carbohydrate food source for soil microbes, while the macro and micro nutrients improve overall plant vigor and color.



2.5 Gal. Jug (9.46 L)  
Net Wt. 24.1 lbs. (10.9 kg)  
Model No. 57622



30 Gal. Drum (113.6 L)  
Net Wt. 289.5 lbs. (131.3 kg)  
Model No. 57623

**BIOPRO®**  
TECHNOLOGIES

F002182

### APPLICATION INSTRUCTIONS:

Bio MP can be applied through fertigation, conventional spray, or root injection. It may be applied alone or tank mixed with other products. Shake well before using.

### CONVENTIONAL SPRAY:

Apply 6 to 15 oz. diluted in 2 to 2.5 gallons of water per 1,000 sq. ft. (2 to 5 gallons diluted in 80 to 100 gallons of water per acre) per month. To maximize performance, rates may be split into weekly or bi-weekly applications.

### ROOT INJECTION:

**Dilution Rate:** Mix 32 fl. oz. of Bio MP per 100-gallon tank. Apply as needed.

**Operating Pressure:** 150 – 200 lbs PSI or ½ gal per 4 seconds

### Area Method:

**Trees:** Apply 50 gallons of solution per 1,000 sq. ft. Inject 4-8 inches into the soil where the feeder roots typically occur. Begin injections 1-3 feet out from the trunk to avoid injury to large roots and work in a grid pattern away from the tree to within 2 feet of the drip line. Apply 1 pint (16 fl. oz.) of diluted solution per injection site at 18 inch spacing or ½ gallon (64 fl. oz.) of diluted solution per injection site at 3 foot spacing.

**Shrubs:** Apply 50 gallons of solution per 1,000 sq. ft. Inject one pint (16 fl. oz.) of diluted solution per injection site. Inject 4-6 inches into the soil with 18 inch spacing between injections.

**DBH Method:** Use the chart below to determine the volume of diluted solution to apply per inch of trunk diameter at breast height (DBH).

Tree Size (DBH Inch)	Diluted Solution / Inch DBH
Very Small (1-4")	0.5 gallon (64 fl. oz)
Sm (5-7")	1 gallon
Sm - Med (8-11")	1.5 gallons
Medium (12-15")	2 gallons
Med – Lrg (15-19")	2.5 gallons
Large (20+")	3 gallons

**COMPATIBILITY:** Perform a standard "jar test" to check compatibility with other products before mixing.



### WARNING

CAUSES SERIOUS EYE IRRITATION. CAUSES SKIN IRRITATION  
HARMFUL IF SWALLOWED. MAY CAUSE RESPIRATORY IRRITATION.

**PRECAUTIONARY STATEMENTS:** Keep out of reach of children. Read label before use. If medical advice is needed, have product container or label at hand. Avoid breathing mist or spray. Use only outdoors or in a well-ventilated area. Do not get in eyes, on skin, or on clothing. Recommended PPE: Wear protective gloves, protective clothing, eye protection, face protection, and other personal protective equipment as required.

**FIRST AID: IF SWALLOWED:** Call a poison center and/or doctor if you feel unwell. **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and able to do so. Continue rinsing eyes. Seek medical attention if eye irritation persists. **IF ON SKIN:** Rinse skin with water or shower.

**STORAGE & DISPOSAL:** Store between 40°-120°F. Avoid direct heat or fire. Decomposition may occur at high temperatures. Avoid freezing. Dispose of contents/ container in accordance with local/regional/national and international regulations.

Refer to product SDS for additional safety instructions.

DO NOT APPLY NEAR WATER, STORM DRAINS OR DRAINAGE DITCHES. DO NOT APPLY IF HEAVY RAIN IS EXPECTED. APPLY THIS PRODUCT ONLY TO YOUR LAWN, AND SWEEP ANY PRODUCT THAT LANDS ON THE DRIVEWAY, SIDEWALK OR STREET BACK ONTO YOUR LAWN.

### Guaranteed Analysis:

Total Nitrogen (N) .....	5.00%
4.10% Ammoniacal 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 (Fe)	
Manganese (Mn).....	0.15%
0.15% Water Soluble Manganese (Mn)	
Zinc (Zn).....	0.15%
0.15% Water Soluble Zinc (Zn)	

### Derived From:

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

### Non-Plant Food Ingredients:

Soluble Carbohydrates	
(Molasses).....	14.00%
Citric Acid.....	2.00%

### Physical Characteristics:

9.65 lbs./gal. @ 68°F (0.48 lbs. N/gal.)

Information regarding the contents and levels of metals in this product is available on the internet at:  
<http://www.aapfco.org/metals.html>

Information about the components of this lot of fertilizer may be obtained by writing to BioPro Technologies, LLC, 4060 SE 45th Court, Ocala, FL 34480

BioPro Technologies, LLC warrants that this product is effective for all of the purposes recommended on this label when applied in accordance with the application instructions.