

Increased Yield and Quality,
with Stoller's® MP™
Five Percent Manganese



STOLLER® brand Products

MP™ Five Percent Manganese

*Manganese is important to the development of chloroplast,
where sunlight energy is converted to chemical energy.*

Stoller Crop Health Products optimize plant genetic expression by bolstering natural plant tolerance to adverse weather, herbicide and other stresses. Grow a more marketable crop. Check this sheet for basic information and benefits from using Stoller's MP Five Percent Manganese to enhance your crop production. STOLLER® brand products will help increase your marketable yield, and profit.

MP™ Five Percent Manganese Chemical and Physical Properties

Physical State: Organic Liquid
Freezing Point: -10° F
Boiling Point: 100° C - 212° F
Acidity: 8 pH
Non-flammable
Solubility in water - 100%

MP™ Five Percent Manganese
Concentration of Element w/w
Manganese (Mn) 5%
lbs./gallon 9.8
Kg/litre 1.18

- Manganese is an enzyme catalyst, and plays a role in the assimilation of carbon dioxide. Manganese is also important to the development of chloroplast, where sunlight energy is converted to chemical energy.
- Manganese activates the reduction of nitrite and hydroxylamine to ammonia and is the predominant metal ion in the metabolism of organic acids. Manganese is also important to disease resistance.
- Manganese is not readily available above a soil pH of 6.5. Manganese deficiencies are more likely in low-organic-matter soils.

**Soil and Foliar Application
of MP Manganese**
Rates: .5 - 1 litre per acre

MP Manganese can be applied alone or with liquid fertilizer for soil applications.

For best results, spray when the crop is in an active growing state, after irrigation or natural rainfall. For most crops, application within 20 days of emergence is optimal. Split applications may provide results superior to single applications.

Use sufficient spray volume to provide uniform coverage of the leaves and woody tissue on tree crops.

MP brand micronutrients will readily disperse in water. Most pesticides can be added to the spray mixture.

For other MP brand products, and other use details, read product label thoroughly for application directions before use.

MP is more than a micronutrient.



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