

# Manganese

## 2-0-0 with L-Amino Acids

### PRODUCT DESCRIPTION/BENEFITS

Foliar-Pak Manganese is specially formulated with plant metabolites that increase nutrient uptake and improve plant health. It contains three natural and modified plant metabolites specifically designed to protect manganese and magnesium.

Foliar-Pak Manganese increases turf health by offering the following advantages:

- Protected manganese and magnesium provide long-lasting colour through being direct and indirect components of chlorophyll.
- Focused amino acid package increases photosynthetic efficiency, prolongs the life of chloroplasts, and produces anti-stress compounds.
- Manganese works to activate multiple plant enzymes.
- Available manganese can decrease susceptibility to soil patch disease organisms.

### Triple Protected Manganese and Magnesium

Foliar-Pak Manganese is a unique formulation utilizing natural and modified plant metabolites which protect nutrients for increased plant availability.

Each plant metabolite performs well in its own niche. The low-molecular weight plant metabolites allow for movement through the stomatal pores and trans-cuticular pores; the high-molecular weight modified plant metabolite chelates the manganese and magnesium for secondary uptake via the soil. This engineered redundancy ensures rapid uptake for the turf in all growing conditions.

GENERAL USE GUIDE	
This product is tank mix compatible with most fertilizers and pesticides. However, due to variability in water sources and pesticide formulations a compatibility test is recommended.	
<p><b>Golf Course Greens and Tees</b></p>	<p>Apply 15 ml to 90 ml per 93 m<sup>2</sup> (0.5 to 3.0 fluid US oz. per 1000 sq. ft.) in enough water to provide sufficient foliar coverage. Apply every 7 to 14 days throughout the growing season.</p> <p>Rapidly growing turf may require higher rates.</p>
<p><b>Golf Course Fairways Sports Turf</b></p>	<p>Apply 30 ml to 90 ml per 93 m<sup>2</sup> (1.0 to 3.0 fluid US oz. per 1000 sq. ft.) in up to 2.0 US gal water. Apply solution to 1000 sq. ft. of actively growing turf. Apply every 14 to 28 days throughout the growing season.</p>

### GUARANTEED MINIMUM ANALYSIS

Total Nitrogen (N) .....	2.0%
Magnesium (Mg) (Actual).....	1.0%
Manganese (Mn) (Actual).....	3.0%

Derived from: soy protein hydrolysate, magnesium nitrate, manganese sulphate

### PRODUCT INFORMATION:

Weight per Liter: 1.19 kg  
pH: 5.3

