



THE ORIGINAL **SOIL/FOLIAR**

Manganese Plus™

GUARANTEED ANALYSIS
0-0-0

Combined Sulfur(S)	5.82%
Soluble Manganese (Mn)	10.00%

Derived from Manganese Sulfate
Weight per gallon: 11.60 lb at 68° F
Grams per liter: 1390 g at 20° C

GENERAL INFORMATION
Manganese Plus is designed as a source of manganese to treat or prevent deficiencies for all field, row, vegetable, fruit, tree, vine, ornamental and turf crops. This product contains organic complexors for improved foliar effectiveness.

CONTAINS NON-PLANT FOOD INGREDIENTS: Amino Acids, Enzymes, Vitamins, Organic Complexing Agents, Natural Plant Extracts.

Manganese Plus may be

- Foliar applied alone or with pesticides
- Used in drip irrigation systems
- Applied to soil via conventional methods

COMPATIBILITY
This product is compatible with most commonly used pesticides. However, it is advisable to always check for compatibility.

APPLICATION RATE
Soil: 24 to 32 ounces per acre.
Foliar: 1 Pint per acre.
Apply in a minimum 5 gallon volume for ample coverage.* As much as 32 ounces per acre can be applied where deficiencies are observed.

Drip Irrigation: Apply one-tenth (0.10) ounce per 1,000 square feet of foliage weekly as needed.

Injection at 1 to 100: Add 1 ounce per gallon of mix tank water (78 ppm of product) weekly as needed.

*Apply with ample water volume for good foliar coverage.

SHAKE WELL BEFORE USING

CAUTION: KEEP CONTAINER TIGHTLY CLOSED AND OUT OF REACH OF CHILDREN.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal. Follow all governmental procedures for the disposal of pesticide spray solutions. Triple rinse container; empty rinsate into spray tank. Dispose of empty container according to approved local practices.

CONDITIONS OF SALE
Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risk of use, storage or handling of this material when not in strict accordance with directions.

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Soybeans: Following glyphosate applications on seedling RR soybeans, many have experienced a type of chlorosis or whitish-yellow color that becomes purple over time. This condition can stunt crop development and delay maturity. With field diagnosis this appears as a **Manganese deficiency**. With recent University research, we now know the problem is blocked metabolism of Manganese and Zinc. Research shows that glyphosate applications create this problem in RR crops, especially soybeans.

NOTE: The most proven method for dealing with this condition is to make a manganese application **AFTER** the glyphosate application and/or after the condition appears. Most research has shown that an application of manganese tank mixed with glyphosate will NOT correct or help dodge the problem. At **DeltAg**, we have several years of observations that indicate the use of **Percplus** in with the glyphosate does tend to help avoid or reduce this problem.



Manganese Deficiency in Soybeans

DeltAg Manganese Plus foliar applied at 16 to 32 ounces has proven very beneficial in correcting this problem and in many cases, in just a few days!