

# Stress Master™

*Plant & Soil Nutrients*

**12-0-11-.2Fe-.05Mn** is a concentrated formulation designed to treat nitrogen, and potassium deficiencies in ornamental and turf. 12-0-11-.2Fe-.05Mn can be beneficial to plant growth, root development, flowering and transplant establishment. This product can be applied through ground, air and conventional sprayers.

## 12-0-11 .2Fe .05Mn with **UTE** Uptake Enhancement Technology

Fertilizer Solution with Nitrogen, Potassium and Chelated Micronutrients for Feeding Turf, Vegetable, Permanent and Ornamental Crops.

Featuring Foliar Phosphite.

12-0-11-.2Fe-.05Mn is intended to be a supplement to a well-balanced fertilizer program. It is not intended as a replacement for sound soil fertilization and conventional cultural practices. Thorough coverage of foliage is necessary for best results when used as a foliar treatment. Avoid foliar applications under stressful conditions – rapid drying conditions, extremely slow drying conditions, frost, rain, or when frost or rain are expected. This product contains Quests proprietary Uptake Enhancement Technology™ "UTE" for faster more uniform plant uptake and assimilation and for increasing soil microbe activity and beneficial soil VAM.

**DIRECTIONS FOR USE:** 12-0-11-.2Fe-.05Mn may be applied through various application equipment including air, ground and conventional sprayers at 10 to 500 gallons of water per acre. For each pint of 12-0-11-.2Fe-.05Mn, use 6 ¼ gallons of water/1000ft<sup>2</sup>. A 2% solution of 12-0-11-.2Fe-.05Mn by spray volume is the maximum permissible rate for foliar applications.

Use care to prevent potential root or foliar injury (including burning), plant media pH changes, irrigation system or injection system damage. If applying 12-0-11-.2Fe-.05Mn with other materials, a compatibility test is recommended to avoid potential incompatibilities. Prior to the addition of 12-0-11-.2Fe-.05Mn to a spray mix, the user or application advisor must have experience with the combination or must have conducted a phytotoxicity trial. Care should be taken not to blend 12-0-11-.2Fe-.05Mn with highly acidic materials and materials containing a high level of free ammonia. Use enough water to insure thorough coverage. It is not recommended to use additional surfactants and/or adjuvants with this product.

**Turf:** Warm and cool season turf including commercial landscape, golf course, lawn care and sod farms growing the following: Bent grass, Bluegrass, Zoysia grass, Rye grass, Bermuda grass, Fescue, St. Augustine grass, Centipede grass and Poa Annua.

Apply 5-10 oz. 0-28-26/1000ft<sup>2</sup> every 14-21 days. Use 10 oz. 12-0-11 to apply 0.1# N/1000ft<sup>2</sup>. This rate will also provide the equivalent of 3 oz. / 1000 sq. ft. 0-28-26 foliar phosphite. Rate and frequency of application may vary due to active growth periods and grass cultivar.

Application of 12-0-11-.2Fe-.05Mn aids in reducing summer stress due to increased potassium phosphite levels. 12-0-11-.2Fe-.05Mn is meant to be used as a supplement to a well-balanced fertilizer program.

Guaranteed Analysis	
Total Nitrogen (N)	12.0%
11.5% Urea Nitrogen	
0.5% Nitrate Nitrogen	
Soluble Potash (K <sub>2</sub> O)	11.0%
Iron (Fe)	.2%
Manganese (Mn)	.05%

Derived From: Phosphorus Acid, Potassium Hydroxide, Potassium Nitrate, Urea, Manganese EDTA, and Iron HEDTA.



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☐ 2 ½ Container    ☐ 5 gallon case  
Case Net Weight: 52.75 lb.  
Net weight 10.55 lb. Gallon