Micro Mix
Glucoheptonate Chelate

PLANT FOOD COMPANY, INC.

38 Hightstown-Cranbury Station Road
Cranbury, New Jersey 08512
(800) 562-1291 ~ Fax: (609) 443-8038
www.plantfoodco.com

Guaranteed Analysis

Total Nitrogen (N) ………………… 1.00%
    1% Urea Nitrogen
Magnesium (Mg)……………….... 1.50%
Sulfur (S) ……………...…………… 4.00%
Boron (B) …………………………… 0.04%
Iron (Fe) …………………………………… 2.50%
    2.50% Chelated Iron (Fe)
Manganese (Mn) …………………… 0.10%
    .10% Chelated Manganese (Mn)
Zinc (Zn) ……………...…………….. 0.10%
    .10% Chelated Zinc (Zn)

Derived from Urea CAS #57-13-6, Magnesium, Sulfur, Boron derived from Sodium Borate, Iron, Manganese, and Zinc Glucoheptonate.

- Weight per gallon: 10.6 lbs.
- Each gallon contains
        .106 lb. Nitrogen
        .159 lb. Magnesium
        .429 lb. Sulfur
        .004 lb. Boron
        .265 lb. Iron
        .010 lb. Manganese
        .010 lb. Zinc
- pH: 7.0

GENERAL INFORMATION:
Micro Mix is an organically chelated micronutrient package. The Glucoheptonate organic chelating agent encapsulates the micronutrients. This prevents the micronutrients from being held by soil particles. Micro Mix will remain available to the plant through foliar and soil applications without being held tied up by soil imbalances. The minimal amount of Nitrogen helps to aid in the foliar absorption of the micronutrients.

RECOMMENDATIONS FOR USE:
Micro Mix is recommended on the following crops: Alfalfa, almonds, avocados, apples, barley, all beans, broccoli, cabbage, cauliflower, carrots, celery, citrus, corn, grapes, lettuce, melons, nectarines, rice, pears, peaches, pecans, peppers, plums, prunes, potatoes, peanuts, sorghum, soybeans, sugar beets, sweet corn, sugar cane, strawberries, tomatoes, turnips, walnuts, watermelons, wheat, and most other crops.

Directions for use:

General rates for soil application

Maintenance	1 Quart per acre
Moderate Deficiency	½ to 1 Gallon per acre
Heavy Micronutrient Deficiency	1 to 1.5 Gallons per acre

Nursery, Ornamental
Micro Mix may be applied in concentrations up to 1 pint in 1 gallon of spray. However, a normal application would be spraying to thoroughly wet the plant foliage with a spray solution containing 1 pint in 5 gallons of water on a weekly basis during the vegetative growing season. Turf should receive 2-5 applications per year at 3 quarts in 50 gallons of water per acre.

Foliar:
When foliar spraying Micro Mix use 1-2 pints of **Micro Mix** with a minimum of 20 gallons of water per acre through a conventional sprayer.

For best results spray when the crop is in an active growing state, after irrigation or natural rain fall. Spray early in the morning or late afternoon. Mid-day sprays may not be effective because of excessive moisture evaporation.

A jar test is a good field practice for evaluating compatibility of multiple chemical mixtures. **Caution:** Check compatibility with chemical mixtures and high phosphate and alkaline (high pH) solutions.

Tank Mixing:
Prior to any fertilizer of pesticide application, all spray mixing and application equipment must be cleaned. A quality tank cleaner is recommended. Carefully observe all cleaning directions on the pesticide and fertilizer label. Fill the spray or mix tank at least ¾ full of water and begin agitation. Add pesticides and/or fertilizers as directed by labeling or in the following sequence:
1) Dry flowables or water dispersible granules, 2) Wettable powders, 3) Flowables, 4) Emulsifiable concentrates, 5) Water based solutions, 6) Compatibility agents, 7) Micronutrients and fertilizer, 8) Spray adjuvant

Caution:
Keep away from children and domestic animals. Avoid contact with eyes, open cuts, or sores. Harmful if swallowed. External: Flood with water. Internal: Induce vomiting. Contact a physician immediately.

Storage and Handling:
Store in a cool dry place, keep container tightly closed, do not add water or other material to the container. Do not contaminate water, food, or feed by storage or disposal. Do not store near acids or other acidic materials.

Store Above 35°F. Do not allow to freeze