



Micro-Tech™ Manganese

GUARANTEED ANALYSIS

2-0-0

Total Nitrogen (N)	2.0%
2.0% Water Soluble Organic Nitrogen	
Sulfur (S), combined	2.0%
Manganese(Mn)	5.0%
5.0% Chelated Manganese	

Derived from: Derived from Manganese Sulfate, Citric Acid as chelating agent. Nitrogen derived from glycine.

CAUTION

KEEP OUT OF REACH OF CHILDREN

STORAGE and DISPOSAL

Store above 32°F. Store out of direct sunlight. Keep in a cool location out of reach of children and livestock. Dispose of empty containers by triple rinsing and discard empty containers in a landfill in accordance with current local, state, and federal regulations.

PRECAUTIONS

Use eye protection and protective clothing, when handling undiluted product, to minimize exposure. Clean all equipment before and after use.

Manufactured For:
RSA MicroTech, LLC
P.O. Box 64589
St. Paul, MN 55164-0589

Weight per gallon 10.5 lbs (4.76 kg)
Net Contents: 2.5 gallons (9.46 L)
Net Weight : 26 lbs 4 oz. (11.9 kg)
0/107/4

RECOMMENDATIONS

Micro-Tech™ Manganese is designed to be used as a supplement to a complete fertility program.

SHAKE WELL BEFORE USING Avoid foliar application under extreme climate conditions such as rapid drying, extremely slow drying, frost, rains or when weather fronts or rain are anticipated.

Micro-Tech™ Manganese contains citric acid chelated manganese designed for soil and foliar application. It is completely bioavailable and non-phytotoxic to plants when applied in accordance to directions. Designed to prevent and correct manganese deficiencies and to boost crops during critical or fast growing periods. May be applied with nitrogen fertilizer.

Compatibility: **Micro-Tech™ Manganese** is formulated to mix with most commonly used insecticides and fungicides. However, a jar test for compatibility should be performed prior to application. This product is not recommended for use with copper or tin fungicides.

Apples: Applications of 0.5 to 1 quarts/acre at ½ inch green to pink stage. In season application can be made to the foliage 3 to 4 weeks after petal fall of 0.5 to 1 quarts/acre. Applications 0.5 to 1 quarts/acre after harvest and within two weeks of leaf fall. Water Rate: 50 to 100 gallons/acre.

Avocado: Applications of 0.5 to 1 quarts/acre at spring flush, repeat as required.

Water Rate: 50 to 100 gallons/acre

Blueberries: Applications of 0.5 to 1 quart /acre starting from leaf expansion to sign of small fruit. Water Rate: 50 gallons per acre.

Canola: 0.5 to 1 quart/acre prior to pod formation. If appropriate, consider a second application 10 to 14 days later. Water Rate: 20 gallons/acre.

Carrots (Field Grown): 2 to 3 applications of .5 to 2 quarts/acre when crop is 4 - 6 inches tall. Allow 10 to 14 day intervals between applications. Water Rate: 20 gallons/acre.

Corn: Application of 0.5 to 1 quart /acre from 5th to 6th leaf up to just before tasseling. Water Rate: 20 gallons/acre.

Cereals: 1 to 2 quarts/acre from top dress to heading. Water Rate: 20 gallons/acre.

Citrus: Applications of 0.5 to 1 quarts/acre, spring flush is best, repeat as required. Water Rate: 50 to 100 gallons/acre.

Cole Crops (Broccoli, Brussels Sprouts, Cabbage, Cauliflower): Applications of 0.5 to 1 quarts/acre from 10 to 14 days post thinning; repeat as required using 1 pint/acre. Water Rate: 20 gallons/acre.

Cotton: 0.5 to 3 pints/acre at 6 to 8 leaf stage, repeat as required. If used with pesticides use 1 pint/acre or less. Water Rate: 20 gallons/acre by ground, 5 gallons per acre by air.

Cucurbits (Field Grown): Applications of 0.5 to 1 quart/acre commencing at first bloom, may repeat after each picking with 1 pint/acre. Water Rate: 20 gallons/acre.

English Walnuts: Applications of 0.5 to 1 quarts/acre tender pink to early feather, repeat 1 pint/acre with first insect spray. Water Rate: 100 gallons/acre.

Lettuce (Field Grown): Applications of 0.5 to 1 quarts/acre from 10 to 14 days post thinning. Repeat as required using 1 pint/acre. Water Rate: 50 gallons/acre.

Grain Sorghum: Application of 0.5 to 2 pints/acre from 5th to 6th leaf up to boot. Water Rate: 20 gallons/acre by ground, 5 gallons per acre by air.

Onions (Field Grown): 0.5 to 2 quarts/acre at 3 to 6" tall. Repeat as required. Water Rate: 20 gallons/acre.

Pears: Applications of 1 to 2 pints/acre at bud break to full bloom, dormant, delayed dormant. Water Rate: 100 gallons/acre.

Pecans: Applications of 1 to 2 quarts per 100 gallons of water applied from bud break to end of shoot elongation, 1 to 5 applications recommended 10 days intervals. Spray for complete coverage.

Peppers (Field Grown): 0.5 to 2 quarts/acre up to first bloom. Repeat as required at 10 to 14 day intervals. Water Rate: 50 gallons/acre.

Potatoes: Applications of 1 to 2 quarts/acre commencing at tuber initiation (when 50% of the tip swellings are twice the diameter of the rest of the stolon) and following petiole analysis during tuber bulking with 10 to 14 day intervals between applications. Water Rate: 20 gallons/acre.

Stone Fruit (Apricot, Cherry, Nectarine, Peach, Plum): Applications of 1 to 2 quarts /acre applied from bud break to petal fall. Repeat as needed at post harvest, dormant, delayed dormant. Water rate: 50 to 100 gallons/acre.

Strawberries (Field Grown): Non-everbearing varieties: 3 applications of 1 to 2 quarts/acre starting when plants are small. Repeat applications at 7 to 10 day intervals. Everbearing varieties: Divide a total rate of 6 quarts/acre into 6 applications of 1 quart/acre. Do not apply successive applications at intervals of less than 10 to 14 days. Water rate: 50 gallons/acre.

Tomatoes (Field Grown): Applications of 0.5 to 2 quarts/acre from first bloom. Repeat as needed, allow 7 days between applications. Water Rate: 50 gallons/acre.

METHOD OF USE - FOLIAR APPLICATION

Shake the container thoroughly before use. Pour into a tank three-quarters filled with water, while agitating. Top off with water and continue to agitate until spraying is completed.

SOIL APPLICATION

Deficiency Level	Rate Banded	Rate Broadcast
Mild	1-2 qt/acre	1-3 qt/acre
Moderate	2-3 qt/acre	3-5 qt/acre
Severe	3-4 qt/acre	5-8 qt/acre

MIXING INSTRUCTIONS

Add 1/3-1/2 of the liquid fertilizer to mix tank. Add correct amount of **Micro-Tech™ Manganese**. Add remainder of fertilizer, then mix thoroughly with strong agitation. Other chemicals, if used, should be added after the fertilizer-micronutrient mix has been prepared. If there are questions regarding compatibilities of other substances with **Micro-Tech™ Manganese** a jar pilot test to determine the mixing characteristics of the different materials. Avoid mixing with 100% ortho phosphate fertilizers.

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.regulatory-info-rsa.com>

Notice of Warranty

Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal condition of use. Seller makes no warranties of merchantability or fitness for a particular purpose or any other express or implied warranty except as stated above. Under no circumstances will such warranty extend to the use, storage or handling of this product contrary to the label instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller. The buyer shall assume all such risks of such use, including but not limited to crop injury, ineffectiveness, damage to plants, damage caused by drift to other plants or crops, personal injury or other unintended consequences. These consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of the seller. In no case shall RSA MicroTech, LLC be liable for consequential, special or indirect damages resulting from the use or handling of this product.