



RSA LIQUID MANGANESE 5%

NUTRIENT COMPLEX

GUARANTEED ANALYSIS

Sulfur (S)	3.0%
Manganese (Mn)	5.0%

Derived from manganese sulfate.

The manganese in this product is complexed with lignosulfonate.

GENERAL INFORMATION

RSA LIQUID MANGANESE is designed for foliar application to growing crops, alone or with pesticides.

RSA LIQUID MANGANESE may be applied directly to soil, alone or with pesticides or herbicides.

RSA LIQUID MANGANESE may be used in drip irrigation systems.

RSA LIQUID MANGANESE is compatible with most water-dispersed pesticides.

RSA LIQUID MANGANESE may be applied via conventional (high-volume), low-volume or aircraft sprayers.

RSA LIQUID MANGANESE is recommended for all field, row, vegetable, fruit, tree, vine, ornamental and turf crops.

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

PROPOSITION 65 WARNING: WARNING: This product may contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

NOTICE: 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.

CAUTION: KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid breathing spray mist. May cause irritation of nose, throat or skin. Avoid contact with eyes, skin and clothing. Do not contaminate feed or foodstuffs. Do not apply to any area not specified on label. Do not re-use empty container. Wash thoroughly with water and detergent. Puncture, make un-usuable. Dispose of in a safe place.

Net contents	5 gallons (19 litres)
Weight per gallon	9.8 lbs.

MANUFACTURED BY:

RSA MicroTech, LLC
PO Box 39 ~ Marysville, WA 98270

DIRECTIONS FOR USE:

ALL CROPS:

Nutrient Maintenance	*1-3 qts./acre
Light Deficiency	2-6 qts./acre
Severe Deficiency	1-2 gal./acre

*The lower rates are for field, row and vegetable crops. The higher rates are for fruit, tree, vine, ornamental and turf crops. When rates of over 2 quarts are called for, split or multiple applications of 2 quarts or less each are preferred. Applications should be separated by a minimum of 10-14 days.

CONVENTIONAL (DILUTE) SPRAY APPLICATIONS:

While the entire required quantity may be applied at one time, split applications will improve overall efficiency of uptake and will be more effective. Apply the required amount of this product with enough water for good coverage. Complete wetting of the foliage is not required.

GROUND CONCENTRATE APPLICATIONS:

Use up to 1/2 gallon of this product in a minimum of 25 gallons of water per acre per application. Repeat in 10-14 days if greater amounts of this product are required.

AIR APPLICATIONS:

Normal aerial application is 1 quart of this product per 5 gallons of water per acre per application. MAXIMUM concentration of 1 quart per gallon of spray may be used, but larger quantities of water will improve coverage.

LIQUID FERTILIZER APPLICATIONS:

This product may be applied with all nitrogen solutions. Thoroughly mix this product with the nitrogen solution before applying.

DRIP IRRIGATION:

The required amount of this product should be applied over the growing season of the crop via multiple applications 1-2 weeks apart.

WITH pesticides or herbicides. ALWAYS add this product to spray tank BEFORE adding the herbicide or pesticide. The alkaline water usually encountered in the Western United States will require 1-2 quarts per 100 gallons of spray water.

AVOID foliar applications of this product when plants are under moisture stress. Immediate post-irrigation or post-rainfall applications give best foliar uptake of nutrients. Avoid periods of high temperatures or low humidity.

ACTIVELY growing plants with young leaves absorb nutrients most effectively.

ADDITION of nitrogen (for example 5 lbs. of Lo-Bi urea per 100 gals. of spray) will increase efficiency of nutrient uptake.

COMPATIBILITY: This product is compatible with most pesticides except basic products such as lime, lime-sulfur, basic metal sulfates, metal oxides, etc. A compatibility test is recommended if the desired combination has not been used in the past.

SHAKE, STIR, OR SWIRL CONTENTS BEFORE USING