

EDTA

6% MANGANESE

For the Prevention and Correction of
Manganese Deficiencies of Crop & Ornamentals

GUARANTEED ANALYSIS

Manganese (Mn) 6.00%
6.00% Chelated Manganese

Derived from: Ethylenediaminetetraacetic acid and Manganese Oxide

Contains:

Total Manganese, as elemental..... 0.65 lb per gallon
Chelated Manganese, as elemental..... 0.65 lb per gallon

DO NOT STORE BELOW 25° F. IF FROZEN, WARM TO ROOM TEMPERATURE AND MIX VIGOROUSLY.

KEEP OUT OF REACH OF CHILDREN



WARNING

Avoid breathing mists. Harmful if swallowed. Avoid contact with skin, eyes or clothing.

F1548

FOR COMMERCIAL OR PROFESSIONAL USE ONLY

Density: 11.00 lbs/gallon @ 68°F

Net Contents: 2.5 gallons (9.46 liters)

Net Weight: 27.50 lbs (12.47 kg)

GUARANTEED BY:

LOVELAND PRODUCTS, INC.® • P.O. BOX 1286, Greeley, COLORADO 80632-1286



GENERAL INFORMATION

EDTA 6% Manganese is a fully chelated micronutrient recommended especially for:

1. Mixing with liquid fertilizers for preemergent application.
2. Application in irrigation water, either alone or in combination with fertilizers and/or pesticides.
3. Mixing with pesticide spray solutions for soil.

COMPATIBILITY

EDTA 6% Manganese is generally compatible with pesticides and fertilizer solutions. Add this micronutrient to water before adding pesticides. It is always advisable to test for compatibility on a small scale before tank mixing products.

APPLICATION RECOMMENDATIONS

EDTA 6% Manganese is recommended for application to the following crops:

Alfalfa	Figs	Peppers
Almonds	Garlic	Plums
Apples	Grapes	Pomegranates
Apricots	Grass	Potatoes
Asparagus	Hops	Prunes
Avocado	Lettuce	Radishes
Barley	Melons	Rape
Beans (all)	Milo	Rice
Boysenberries	Mint	Safflower
Broccoli	Nectarines	Sorghum
Brussels Sprouts	Nursery Stock	Soybeans
Cabbage	Oats	Spinach
Carrots	Olives	Squash
Cauliflower	Onions	Strawberries
Celery	Ornamentals	Sugar Beets
Cherries	Pasture & Range	Sugar Cane
Citrus	Grass	Sweet Corn
Corn	Peaches	Tomatoes
Cotton	Peanuts	Turf Grass
Cranberries	Pears	Walnuts
Cucumbers	Peas	Watermelons
Edgplant	Pecans	Wheat

FRUITS AND NUT CROPS

ALMONDS: Soil: In early spring, apply 1.5 to 2.5 pints per tree.

APPLES AND PEARS: Soil: In early spring, apply 1.5 to 3 pints per tree.

APRICOTS, NECTARINES, PEACHES, PLUMS AND PRUNES: Soil: In early spring, apply 1.5 to 3 pints per tree.

CHERRIES: Soil: In early spring, apply 0.75 to 1 pint per tree.

CITRUS: Soil: Apply 1.5 to 3 pints per acre in early spring.

GRAPES: Soil: Apply 1 to 4 gallons per acre in early spring.

PECANS: Soil: In early spring, apply 1.5 to 2.5 pints per tree. For severe deficiencies a second application may be required.

WALNUTS: Soil: In early spring, apply 1.5 to 2.5 pints per tree. For severe deficiencies a second application may be required.

OTHER FRUITS AND NUT CROPS: Soil: In early spring, apply 1.5 to 2.5 pints per tree.

VEGETABLE CROPS

TOMATOES: Soil: Band or sidedress 1 to 7 quarts per acre at planting.

TRANSPLANT WATER: Mix 1 pint per 100 gallons of water to be used as transplant solution. Apply 3 to 7 ounces of solution per transplant after setting plants in soil.

COLE CROPS AND OTHERS, INCLUDING BLACKEYED PEAS, CABBAGE, CARROTS, CAULIFLOWER, CELERY, CUCUMBERS, EGGPLANT, MELONS, MUSTARD, ONIONS, PARSNIPS, PEAS, PEPPERS, RADISHES, SPINACH, SQUASH AND OTHERS: Soil: Band or sidedress 1 to 4 quarts per acre at planting.

FIELD CROPS

BEANS, INCLUDING SOYBEANS AND DRY EDIBLE BEANS: Soil:

Apply 1 to 7 quarts per acre with irrigation water, pesticides or fertilizer preplant.

CORN: Soil: Band, sidedress, or broadcast 1 to 7 quarts per acre preplant, at planting.

COTTON: Soil: Apply 1 to 7 quarts per acre as a soil injection just prior to planting or as a sidedress within a few weeks after planting.

POTATOES: Soil: Band, sidedress, or broadcast 1 to 7 quarts per acre, at planting.

RICE: Soil: Apply 1 to 7 quarts per acre pre-plant broadcast based on soil test. When manganese deficiency is known to exist apply 3 to 7 quarts per acre.

SORGHUM: Soil: Band, sidedress, or broadcast 1 to 7 quarts per acre at planting.

SUGAR BEETS: Soil: Band, sidedress, or broadcast 2.5 to 7.5 pints per acre at planting.

OTHER FIELD CROPS, INCLUDING BARLEY, FIELD PEAS, HOPS, SMALL GRAINS, PEANUTS, ALFALFA, MINT AND MOST OTHER FIELD CROPS: Soil: Band, sidedress, or broadcast 1 to 7 quarts per acre at planting.

OTHER CROPS AND USES ORNAMENTALS, CONTAINER GROWN TREES AND SHRUBS AND FIELD GROWN NURSERY STOCK:

Soil Only: Apply 0.75 to 3 ounces per 100 square feet.

Repeat application at fertilization or regular intervals.

GREENHOUSE-GROWN CHRYSANTHEMUMS, ROSES,

CARNATIONS AND POTTED FLORAL PLANTS: Soil Only: Apply 1 to 2.5 ounces per 100 square feet at regular intervals with fertilizer or drip irrigation.

TURF GRASSES: Apply 2 pint per acre or 1 to 2 ounces per 1000 square feet. Mix with water, liquid fertilizer solution or pesticide solution and apply in early spring. Repeat as needed.

FOR APPLICATION IN IRRIGATION WATER PIVOT, SPRINKLER, OVERHEAD AND SOLID SET IRRIGATION:

Apply 1 to 8 pints per acre with irrigation water. For best results, apply within 2 weeks of planting and before flowering. The chelate may be mixed with fertilizer and/or pesticides before injection. Use a back-flow check valve to prevent material from running back in water system. **STORAGE:** May be stored for short periods (up to 3 months) in mild steel. For longer term storage, use stainless steel, fiberglass, polyethylene, or certain other plastic materials. Copper or any of its alloys (brass or bronze) should never be used in any chelate handling system. Aluminum tanks are not recommended for storage of this product. Check with equipment manufacturer for compatibility of components prior to use with this product. **NOTE:** Do not mix or contaminate any EDTA type chelates with strong acid materials.

FIRST AID

If in eyes: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store in cool place out of direct sunlight. May be stored in unheated facility. Spills from broken containers can be cleaned up by absorbing on clay or other suitable absorbent.

DISPOSAL: Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility.

CONTAINERS: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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