

MIXRITE™ Mn

SOLUBLE POWDER

GUARANTEED ANALYSIS

Manganese (Mn)13.0 %
13.0% Chelated Manganese (Mn)

Derived from: Manganese EDTA (Ethylenediaminetetraacetic acid).

F001601

GENERAL INFORMATION

MIXRITE™ can be applied on all agricultural, horticultural, turf and ornamental crops that require and respond to nutritional supplements. MIXRITE™ can be soil applied via granular fertilizer impregnation, irrigation, with liquid fertilizers as well as foliarly via ground or low volume aerial application.

MIXRITE™, as a fully EDTA-chelated product, can be mixed with a wide range of liquid fertilizers and pesticides. Please refer to the section "DIRECTIONS FOR MIXING".

DIRECTIONS FOR USE

Use low rates for maintenance or repeat applications, middle rates for medium deficiencies and high rates for extreme deficiencies. Always follow the "DIRECTIONS FOR MIXING".

SOIL APPLICATIONS

1. Can be applied via irrigation (fertigation), in-furrow or in 2 x 2 side dress applications with liquid fertilizer but mixing compatibility should be confirmed by a JAR TEST
2. Can be sprayed onto the soil surface but should then be cultivated into the soil in order to be available to plant roots
3. For impregnation onto granular fertilizers, mix ½ lb in 1-2 gallons of water to prepare a slurry before impregnating

FOLIAR APPLICATIONS

1. Can be mixed with pesticides (including glyphosate) and foliar fertilizers.
2. DO NOT apply this product when the crop is under severe water stress; in this case, application should be made after irrigation or rainfall .
3. DO NOT apply to plants bearing mature fruit until it has been determined that this product will not damage or mark the fruit in any way

| CROPS | RATE | APPLICATION TIMING/COMMENTS |
|---|--|---|
| VEGETABLE CROPS Including but not limited to: onion, carrot, pepper, eggplant, zucchini, melon, water melon, cucumber, tomatoes, cole crops, leafy vegetables, etc. | 0.25 – 2.0 lbs per broadcast acre | For best results, initiate application at planting or during early vegetative growth and repeat every 14-21 days as necessary or until deficiency symptoms disappear |
| TREE & VINE FRUIT CROPS Including but not limited to: apples, cherries, citrus, pear, stone fruit, kiwi, grapes (raisin, table, wine) etc. | 2-8 oz per tree OR 0.25 – 2.0 lbs per broadcast acre | For best results, initiate application at greenup or during early vegetative growth and repeat every 14-21 days as necessary or until deficiency symptoms disappear |
| SHRUB, BERRY AND BUSH CROPS Including but not limited to: blueberries, cranberries, raspberries, strawberries etc. | 2-4 lbs per 100 bushes OR 0.25 – 2.0 lbs per broadcast acre | For best results, initiate application at greenup or during early vegetative growth and repeat every 14-21 days as necessary or until deficiency symptoms disappear |
| NUT CROPS Including but not limited to: almond, pecan, pistachio, walnut, etc. | 2-8 oz per tree OR 0.25 – 2.0 lbs per broadcast acre | For best results, initiate application at greenup or during early vegetative growth and repeat every 14-21 days as necessary or until deficiency symptoms disappear |
| FIELD ROW CROPS Including but not limited to: barley, beans (edible, field, snap, etc), corn (field, silage, seed, sweet, etc), cotton, peanuts, potatoes, rice, soybeans, sorghum (grain, sweet, etc), sugar cane, sugar beets, wheat etc. | 0.25 – 2.0 lbs per broadcast acre | For best results, initiate application at planting or during early vegetative growth and repeat every 14-21 days as necessary or until deficiency symptoms disappear |
| FORAGE/GRASS CROPS Including but not limited to: alfalfa, timothy, fescue, switchgrass etc. | 0.25 – 2.0 lbs per broadcast acre | For best results, initiate application at planting, greenup or during early vegetative growth and repeat every 14-21 days as necessary or until deficiency symptoms disappear |
| GOLF COURSE GREENS | 0.5 lb/acre (43,650 sq ft) in a minimum 150-200 gallons of water | Apply in early spring when greens are actively growing. Four or more applications can be made at monthly intervals to maintain color and vigor. Applications should always be made late in the evening or early in the morning to reduce potential for phytotoxicity as a result of high temperatures or other stress factors |
| TURF Including but not limited to: sod, lawns, golf course fairways and tees, playing fields, recreational areas etc. | 0.25 - 2.0 lbs per acre in a minimum 40 gallons of water | For best results, initiate application at planting, greenup or during early vegetative growth and repeat every 14-21 days as necessary or until deficiency symptoms disappear to maintain vigorous turf |
| ORNAMENTALS | 0.25 – 2.0 lbs per broadcast acre | Apply as a drench between rows and cultivate into the soil early in the season. Irrigate after application |

NET WEIGHT:

5 lb (2.27 Kg) 20 lb (9.07 Kg)

DO NOT SELL UNPACKED



Manufactured for **Stoller Enterprises, Inc.**
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MIXRITE™ Mn

SOLUBLE POWDER

DIRECTIONS FOR MIXING

1. Dissolve **MIXRITE™** into a sufficient amount of water to facilitate complete solubility and a stable solution.
2. Because **MIXRITE™** is very hygroscopic (high degree of solubility due to affinity for water or air humidity), all contents of opened bags should be completely dissolved in water within a few hours to ensure solubility characteristics are not compromised.
3. If impregnating **MIXRITE™** onto granular fertilizer or adding to a saturated solution (i.e. liquid fertilizer or spray solutions with multiple tank mix ingredients), add half a pound of MIXRITE MIX 7 to a minimum of one gallon of water to make a slurry which can be then be impregnated or added to liquid fertilizer or tank mix solutions. Add a buffering agent to spray solutions over pH 6.5.
4. Use a water volume necessary to achieve effective results consistent with the application method and equipment being used.
5. Ensure application equipment is set up and calibrated for effective delivery of the spray solution to/onto the target area.
6. Application should be carried out during the day when conditions facilitate accurate and effective delivery to/onto the target area.
7. If rainfall occurs within several hours after foliar application, a repeat application 3 to 4 days later may be required.
8. In order to account for water quality variability, application/spray solution water volume and number of tank mix ingredients, a compatibility jar test should be performed before mixing **MIXRITE™** with fertilizers or pesticides to ensure satisfactory tank mix compatibility and solution stability.
9. If **MIXRITE™** is to be applied in a tank mix with a pesticide, a non-ionic wetting agent may be added to the spray tank in accordance with the pesticide manufacturer's label directions. If applied in conjunction with pesticides which contain their own wetting agent, then the addition of a wetting agent may not be necessary.
10. If using **MIXRITE™** in conjunction with a hormone type herbicide or other pesticides, consult the applicable product manufacturer regarding the effect of wetting agents on their pesticide product (i.e. many wetting agents tend to destroy the selectivity of hormone type herbicides, for example).

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.

CAUTIONARY STATEMENTS

1. This product has been determined to be hazardous in accordance with 29 CFR 1910.1200 (OSHA Hazard Communication).
 - a. Handle and use this product in accordance with good industrial hygiene safety practices which includes:
 - I. Avoid unnecessary exposure to dusts and sprays.
 - II. Avoid ingestion of product or spray solutions.
 - III. Avoid inhalation of dusts and sprays.
 - IV. Avoid eye and unnecessary skin contact.
 - b. Store away from children, pets, livestock, food, and water sources.
 - c. Wash hands before meals and after work.
2. In case of spill, confine material and handle in accordance with Federal, State, and Local regulations.
3. Dispose of any waste material and container in accordance with Federal, State, and Local Regulations.

CLEANING OF SPRAYER

Flush with clean water all parts of the sprayer including the pump, hoses and nozzles several times prior to and after the use of this product.

STORAGE INSTRUCTION

Keep the product sheltered from the sun and in a dry warehouse. DO NOT allow product to become damp.

CONDITIONS OF SALE

Seller warrants this product consists of the ingredients specified and is reasonably fit for the purpose stated on this label when used in accordance with directions under normal conditions and use. No one other than an officer of the seller is authorized to make any warranty, guarantee or direction concerning this product. Because time, place, rate of application and other conditions of use are beyond the seller's control, the seller's liability from handling, storage, and use of this product is limited to replacement of the product or a refund of the purchase price. It is impossible to eliminate all risks associated with use of this product. Crop injury, lack of performance or other unintended consequences may result because of such factors as use of the product contrary to label instructions, abnormal conditions, presence of other materials, the manner of application, or other factors, all of which are beyond the control of USAg, Inc. or the seller. All such risks shall be assumed by buyer.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm> **MIXMn060514**

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