



Moore Ag
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Mor-Gro Zinc Citrate 10%

APPLICATION RECOMMENDATIONS

It is important that the zinc deficiency be treated before visual symptoms appear to insure proper yields. Rates of application will vary depending upon the severity of the deficiency, climate, soil conditions, and method of application. Consult your State Agricultural Experiment Station or Extension Specialists for advice in selecting treatment .

HOW TO APPLY

Soil Application: **Mor-Gro Zinc Citrate 10%** can be applied in water or in combination with liquid fertilizer for pre-plant, starter or side dress applications. The most effective treatment of row crops is soil applications in a band at planting time or as aside dressing shortly after planting. **For dry fertilizer applications use Omni Agri Greensun granular secondary nutrients and granular micronutrients.**

Foliar Application: **Mor-Gro Zinc Citrate 10%** diluted with water according to label recommendations, can be applied as a foliar spray. To insure even distribution on the leaf surfaces and increase the effectiveness of foliar application a small amount of wetting agent may be added. **Mor-Gro Zinc Citrate 10%** is formulated for use in liquid fertilizer and is compatible with commonly used liquid fertilizers, including polyphosphates and nitrogen solutions.

Mor-Gro Zinc Citrate 10% is recommended for application to the following crops:

FRUIT AND NUT CROPS

ALMONDS, PECANS, WALNUTS: **Soil:** In early spring, apply 1/2 to 1 qt. per tree. **Foliage:** Mix 1 qt. per 100 gallons of water and apply with delayed dormant oil spray, or in pre-bloom or post-harvest coverage sprays

APPLES, APRICOTS, CHERRIES, CITRUS, GRAPES, PEACHES AND PEARS: **Soil:** In early spring, apply 1/2 to 1 qt. per tree. **Foliage:** Mix 1 qt. per 100 gallons of water and apply with dormant or delayed dormant oil spray, or as a thorough cover spray in the spring pre-bloom, or after harvest. For severe deficiencies, make 1 or 2 additional applications at 2 to 3 week intervals. Consult your local farm advisor for sensitive hybrids. Do not apply to plums post harvest.

OTHER FRUIT AND NUT CROPS: **Soil:** In early spring, apply 1/2 to 3/4 qt. per tree. **Foliage:** Mix 3/4 qt. per 100 gallons of water and apply with delayed dormant oil spray, or as a thorough cover spray 3 to 4 weeks after full bloom. Repeat in 2 to 3 weeks if needed.

PEPPERS, TOMATOES **Soil:** Band or sidedress 1 to 8 qts. per acre at planting or within a few weeks after planting. Transplant water: Mix ¼ qt per 100 gallons of water to be used as transplant solution. Apply 4 ounces of solution per transplant after setting plants in the soil. **Foliage:** Apply 1 qt. per

acre in sufficient water to assure thorough coverage. apply when plants are 3 to 6 inches high. Repeat if necessary.

COLE CROPS AND OTHERS, including Blackeyed Peas, Cabbage, Carrots, Cauliflower, Celery, Cucumbers, Eggplants, -Melons, Mustard, Onions, Parsnips, Peas, Radishes, Spinach, Squash and -others: **Soil:** Band or sidedress 1 to 4 qts. per acre at planting or within a few weeks of planting.

Field Crops

BEANS, including Soybeans and Dry Edible Beans, CANOLA, FLAX, SUNFLOWER, SORGHUM: **Soil:** Apply 1 to 4 qts. per acre with irrigation water, pesticides, or fertilizer pre-plant or before the 4th trifoliolate. **Foliage:** Apply 1 to 1.5 qts per acre to foliage with sufficient water to cover foliage when beans are between the 2nd and 4th trifoliolate stage.

COTTON, PEANUTS: **Soil:** Apply 1 to 4 qts. per acre in a liquid fertilizer or water prior to planting. **Foliage:** Apply 1/2 to 1qt. per acre in sufficient water to assure thorough coverage. Apply when plants are min of 6 inches high or when deficiency symptoms first appear. **CAUTION:** Foliar applications may injure young cotton plants under 6 inches high.

POTATOES: **Soil:** Band, sidedress or broadcast 1 to 8 qts. per acre at planting or within 2 weeks after emergence, or when deficiency symptoms first appear. **Foliage:** Apply 1 qt. per acre in sufficient water for thorough coverage. Apply within 30 days after planting and before flowering. Split applications are preferred over a single application.

SUGAR BEETS: **Soil:** Band or sidedress 1 to 4 qts. per acre at planting or within 3 weeks after planting. **Foliage:** After thinning, apply 1 to 2 qts per acre in sufficient water to assure thorough coverage.

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 8 qts. per acre at planting or within 2 weeks after emergence or when deficiency symptoms first appear. **Foliage:** Apply 1 qt. per acre in sufficient water for thorough coverage. Apply within 30 days after planting and before flowering. Split applications are preferred over a single application.

Other Crops and Uses

ORNAMENTALS, CONTAINER GROWN TREES AND SHRUBS AND FIELD GROWN NURSERY STOCK: **Soil:** Apply 1 to 4 oz. per 100 sq. ft. Repeat application at fertilization or regular intervals. **Foliage:** Apply 1 qt per acre as a thorough cover spray.

GREENHOUSE-GROWN CHRYSANTHEMUMS, ROSES, CARNATIONS, AND POTTED FLORAL PLANTS: **Soil Only:** Apply 1 to 3 oz. per 100 sq. ft. at regular intervals with fertilizer or drip irrigation.

TURF GRASSES: Apply 1 qt. per acre or 1 to 2 oz. per 1000 sq. ft. Mix with water, liquid fertilizer solution or pesticide solution and apply in early spring. Repeat as needed.

Application With Irrigation Water

PIVOT, SPRINKLER, OVERHEAD AND SOLID SET IRRIGATION: Apply 1 to 8 qts. per acre with irrigation water. For best results apply within 2 weeks of planting and before flowering. May be mixed with fertilizer and/or pesticides before injection. Use a back-flow check valve to prevent material from -running back into water system.