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APPLICATION RECOMMENDATIONS

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

FRUIT AND NUT CROPS

ALMONDS: **Soil:** In early spring, apply 1 to 1.5 qts per tree. **Foliage:** Mix 1 to 1.5 qts per 100 gallons of water and apply with delayed dormant oil spray, or in pre-bloom or post-harvest coverage sprays

APPLES AND PEARS: **Soil:** In early spring, apply 1 to 1.5 qts. per tree. **Foliage:** Mix 1 to 1.5 qts 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.

APRICOTS, NECTARINES, PEACHES, PLUMS AND PRUNES: **Soil:** In early spring, apply 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.

CHERRIES: **Soil:** In early spring, apply 1/2 to 1 qt. per tree. **Foliage:** Mix 1 qt. per 100 gallons of water and apply as a thorough cover spray 2 to 3 weeks after full bloom or at bud swell. Repeat application can be made after harvests

CITRUS: **Soil:** In early spring, apply 1 to 2 qts per tree. **Foliage:** As a split application, apply prebloom 1 qt. per 100 gallons of water and then repeat this same rate in the post bloom spray. Repeat application in the fall if necessary.

GRAPES: **Soil:** In early spring, apply 2 to 8 qts. per acre. **Foliage:** Mix 1 qt. per 100 gallons of water and apply as a thorough cover spray 10 days to 2 weeks before bloom. Do not apply during bloom.

PECANS: **Soil:** In early spring, apply 1/2 to 1 qt. per tree. For severe deficiencies a second application may be required. **Foliage:** Mix 1 qt. per 100 gallons of water and apply as a thorough cover spray at time of full leaf in spring. Older trees may require two or three applications at 2 week intervals.

WALNUTS: **Soil:** In early spring, apply 1 to 2 qt. per tree. For severe deficiencies, a second application may be required. **Foliage:** Mix 1 to 1.5 qts per 100 gallons of water and apply 2 or 3 times at 2 to 3 week intervals as a thorough cover spray beginning soon after bloom when feathers on pistillate flowers have turned brown.

OTHER FRUIT AND NUT CROPS: **Soil:** In early spring, apply 1 to 1.5 qts per tree. **Foliage:** Mix 1 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.

TOMATOES Soil: Band or sidedress 1 to 8 qts. per acre at planting or within a few weeks after planting. Transplant water: Mix 1/2 qt per 100 gallons of water to be used as transplant solution. Apply 4 to 8 ounces of solution per transplant after setting plants in the soil. **Foliage:** Apply 1 to 2 qts 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, Peppers, Radishes, Spinach, Squash and -others: **Soil:** Band or sidedress 1 to 5 qts. per acre at planting or within a few weeks of planting.

Field Crops

BEANS, including Soybeans and Dry Edible Beans: **Soil:** Apply 1 to 4 qts. per acre with irrigation water, pesticides, or fertilizer preplant or before the 4th trifoliolate. **Foliage:** Apply 1 qt. per acre to foliage with sufficient water to cover foliage when beans are between the 2nd and 4th trifoliolate stage. Apply 1 to qts per acre with normal pesticide spray program.

CORN: **Soil:** Band, sidedress or broadcast 1 to 8 qts. per acre preplant, 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.

COTTON: **Soil:** Apply 1 to 3 qts. per acre as a soil injection just prior to planting or as a sidedress within a few weeks after planting. **Foliage:** Apply 1/2 qt. per acre in sufficient -water to assure thorough coverage. Apply when -cotton is 6 to 12 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.

RICE: **Soil:** Apply 1 to 8 qts. per acre preplant broadcast based on soil test. **Foliage:** Apply 1 to 2 qts. per acre in sufficient water to assure thorough coverage post emergence to rice seedlings.

SORGHUM: **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.