

# Matrix Nitro Iron

A micronutrient supplement to correct iron chlorosis

Derived from Urea. Ferrous Sulfate. Zinc Sulfate.  
Copper Sulfate, and Manganese Sulfate.  
Chelated with a citric acid complex.

Net weight 10.5 lbs/gl.

## Guaranteed Analysis 5-0-0

Total Nitrogen (N)	5.0%
Iron (Fe)	5.0%
Sulfur (S)	4.0%
Manganese (Mn)	2.0%
Zinc (Zn)	1.0%
Copper (Cu)	0.5%

### CAUTION: Keep Out of Reach of Children

**WARNING:** Harmful if swallowed. Avoid breathing spray mist. May cause irritation of the nose, throat, and skin. Avoid contact with eyes, skin and clothing. **IF SWALLOWED:** Induce vomiting by sticking finger down throat. Never give anything by mouth to an unconscious person. Get medical attention. **IF IN EYES:** Wash eyes with plenty of clear water for at least 15 minutes. Get medical attention.

### GENERAL INFORMATION

**MATRIX NITRO IRON** is a foliar or soil-applied micronutrient that is non-phytotoxic when used as directed. **MATRIX NITRO IRON** is completely available and absorbed by the leaf surface or the root system because of the natural complexing properties of its phenolic acid complex. **MATRIX NITRO IRON** is recommended on but not limited to the following crops: Alfalfa, Almonds, Avocados, Apples, Barley, All beans, Broccoli, Cabbage, Cauliflower, Carrots, Celery, Citrus, Corn, Cotton, Grapes, Lawns, Lettuce, Milo, Melons, Nectarines, Tea, Rice, Pears, Peaches, Pecans, Peppers, Plums, Prunes, Potatoes, Peanuts, Sorghum, Soybeans, Sugar beets, Sweet Corn, Sugar cane, Strawberries, Tomatoes, Turf, Turnips, Walnuts, Watermelons, Wheat and most other crops. When Leaf and Soil Tests Are Not Available):

Maintenance application ..... 2 quarts per acre  
Moderate deficiency ..... 4 quarts per acre  
Heavy micronutrient deficiency ..... 6 quarts per acre

For best results, apply when plants are in an active growing state, after rainfall, irrigation or early morning/late afternoon.

### FOLIAR SPRAY

**Field crops:** Apply recommended rates when plants are young, approximately 4-6 weeks after planting or when deficiency symptoms first appear. This is the time when most severe deficiencies occur. For aerial applications, apply in a minimum of 3 gallons of water per acre.

**Tree/Orchard Crops:** Apply **MATRIX NITRO IRON** in at least 100 gallons, preferably 500 gallons of dilute spray. If concentrated spray is used, increase the concentration in direct proportion to dilution. If tree crops are sprayed several times a year, the above amount can be split into more numerous applications: Split applications over the year are considered more beneficial than single applications.

**CONDITIONS OF SALE:** 1. Seller warrants that 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 of use. No one, other than an officer of Seller, is authorized to make any warranty, guarantee of direction concerning this product. 2. Because of time, place, rate of application and other conditions of use are beyond seller's control, seller's liability from handling, storage, and use of this product is limited to replacement of product or refund of purchase price.

### DO NOT APPLY AFTER PETAL FALL.

**Turf:** Apply 2-8 fl. oz per 1,000 square feet in enough water (1-4 gallons per 1,000 square feet) for thorough coverage up to 3-5 times per year. **MATRIX NITRO IRON** can be incorporated in the normal spray program. Remember: mix **MATRIX NITRO IRON** in the spray tank before pesticides are added. For Injection Systems, inject at a rate of 1-2 ounces monthly. **DO NOT APPLY WHEN TEMPERATURES EXCEED 90°F.**

**Vegetables:** Apply in at least 20 gallons of water per acre early in the growing season. Repeat if crop continues to show deficiencies. **MATRIX NITRO IRON** can be incorporated in the normal spray program. Remember: mix **MATRIX NITRO IRON** in the spray tank before pesticides are added. **DO NOT APPLY DURING BLOOM PERIODS.**

Mixing Sequence: **MATRIX NITRO IRON** will disperse in water with little agitation. Many pesticides can be added and applied while spraying **MATRIX NITRO IRON**. Follow this mixing sequence: 1. Water, 2. **MATRIX NITRO IRON**, 3. Pesticide. When foliar spraying **MATRIX NITRO IRON** through conventional sprayers, use a minimum of 20 gallons of water per acre. When foliar spraying **MATRIX NITRO IRON** with low volume equipment, 3-5 gallons of water per acre is usually sufficient. If less water is used, slight burning of the foliage may occur. A maximum of 1/2 gallon per acre per application is recommended. Aerial applications should not exceed 1 quart per gallon of spray. For best results spray when the crop is in an active growing state, after irrigation or natural rainfall. Spray early in the morning or late afternoon. Mid-day sprays may not be effective because of excessive moisture evaporation. Liquid Fertilizer: Mix **MATRIX NITRO IRON** with liquid fertilizer agitating to thoroughly disperse the trace elements. This can be achieved by adding the product to the mixing batch tank or inducting through a pump. When mixing in batch tank, add product to water nitrogen solution before adding phosphate material. **MATRIX NITRO IRON** is compatible with most water-dispersible insecticides, fungicides, foliar nutrients and herbicides. **MATRIX NITRO IRON** is manufactured to rigid controls at the highest possible concentration for effective usage. Any residue in this container is water soluble. Rinse the container with water and add solution to spray tank. Freezing temperature: 25°F



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