



IRO-MAX[®]

Micronutrient

Guaranteed Analysis 12-0-0

Total Nitrogen (N).....	12.00%
12.00% Nitrate Nitrogen	
Sulfur (S)	4.00%
Iron (Fe)	8.00%

Derived From:

Urea, Ferrous Sulfate

Also Contains Non-Plant Food Ingredient:

10.5% Organic Matter (derived from Leonardite)

Physical Properties:

Form: Liquid

Appearance: Clear to slightly hazy, light green, having a unique characteristic odor.

Weight: 10.90 lb/gal, 1.20 kg/L

pH: 1.5–2.5

Caution:

Keep out of reach of children.

Harmful if swallowed. This product may be toxic by ingestion or inhalation of high mist concentrations.

The liquid and mists can be irritating to the eyes and skin. Inhalation of mists may be irritating to the entire respiratory tract.

Storage and Disposal:

Keep product in original container. Do not transfer into food or drink containers. Triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations. Do not store this product below 50°F (10°C) or above 90°F (30°C).

Conditions of Sale:

The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, crop conditions, and other factors are beyond the control of the seller.

The Solution for Improved Iron Nutrition in Plants

Huma Gro[®] IRO-MAX[®] carbon-complexed with Micro Carbon Technology[®] provides effective and quick iron uptake into the plant. Iron is a key micronutrient involved in photosynthesis that also enables other biochemical processes such as respiration, symbiotic nitrogen fixation, and transfer of ATP within the plant.

Benefits of Use:

- Iron is required by plants for the formation of chlorophyll.
- Iron is a component of enzymes that activate other biochemical processes within plants such as respiration, symbiotic nitrogen fixation, and energy transfer.
- IRO-MAX[®] relieves chlorotic symptoms of iron-deficient plants.

Deficiency Symptoms—When to Apply:

- Plants develop severe chlorosis, or a yellowing or “bleaching” of leaf tissue with veins remaining green
- Severe iron deficiencies result in stunted growth
- In grain crops, leaves will show chlorotic or yellow striping
- High pH, excess bicarbonate, calcium, magnesium, and/or phosphate
- High levels of nitrate, over-irrigation or poor drainage, poor aeration, plant viruses, root pruning, or nematode damage
- Deficiencies of potassium and calcium

Application Instructions:

Contents are highly concentrated and must be diluted with water in a ratio of at least 20 parts water to 1 part product prior to foliar application. See table below for specific rate instructions. Consult your local Huma Gro representative or other agricultural specialist for crop-specific recommendations. SHAKE WELL BEFORE USING.

METHOD OF APPLICATION	SUGGESTED RATE	
	Field Crops / Tree or Vine Crops	
Foliar band application at 50% coverage	Up to 1 quart/acre, 2.5 liters/hectare	—
Foliar broadcast or sprinklers: solid, set, pivot, linear (100% speed)	Up to 2 quarts/acre, 5 liters/hectare	Up to 1 gallon/acre, 10 liters/hectare
Soil banded or injected, through drip tape or micro sprinklers	Up to 2 quarts/acre, 5 liters/hectare	Up to 1 gallon/acre, 10 liters/hectare
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 1 gallon/acre, 10 liters/hectare	Up to 2 gallons/acre, 20 liters/hectare



Powered by
**MICRO CARBON
TECHNOLOGY**

**This Product Contains Micro Carbon Technology[®], a proprietary blend of very small organic molecules that allows for more effective absorption of nutrients by plants.*