



# RECOMMENDATIONS



## TIGER MICRONUTRIENTS<sup>®</sup> Iron 22% (55%S, 22%Fe)

### Product Description

TIGER MICRONUTRIENTS<sup>®</sup> Iron 22% is a new formulation that offers several improved features over conventional micronutrient sources.

- Reduced heavy metal content
- Improved handling and blending with cleaner (less dust) and uniform sizing.
- New "Acid Forming" Technology allows for quick dispersion and increased performance.
- "Ultra Low" analysis products allows for greater micronutrient distribution and performance.
- Dual nutrient formulations allows for greater value over conventional source.

TIGER MICRONUTRIENTS<sup>®</sup> Iron 22% is a unique, micronutrient fertilizer that delivers agronomically and economically, and provides excellent handling characteristics. TIGER MICRONUTRIENTS<sup>®</sup> Iron 22% provides a cost effective method of correcting Iron deficiencies. Iron within the plant plays an important role in chlorophyll synthesis. A reduction of Iron causes a reduction of photosynthesis within the plant, which in turn creates the characteristic chlorosis symptoms of Fe stress. For more information regarding deficiencies contact your local agronomic consultant.

**Guaranteed Analysis** 55% Sulphur, 22% Iron (Fe), 23% Inert Ingredients

### Where to use TIGER MICRONUTRIENTS<sup>®</sup> fertilizers

TIGER MICRONUTRIENTS<sup>®</sup> fertilizers are formulated to provide the most cost-effective micronutrients available on the market. They offer superior blending and handling qualities with minimal dust.

When used as a part of a balanced fertility program, TIGER MICRONUTRIENTS<sup>®</sup> Iron 22% can provide a season-long source of Iron. TIGER MICRONUTRIENTS<sup>®</sup> Iron 22% can be applied alone or blended with granular fertilizers.

Iron is not readily translocated from old to young leaves, so season long supply of Iron is required to meet demand. TIGER MICRONUTRIENTS<sup>®</sup> fertilizers unique design allows uniform distribution and availability throughout the growing season.

Surface applications of TIGER MICRONUTRIENTS<sup>®</sup> fertilizers allows the granule to disperse onto the soil surface. A light incorporation will assist in even distribution of the micronutrient particles into the soil.

## TIGER MICRONUTRIENTS® IRON 22% Recommendations

Amount required should be based on agronomic recommendations from soil tests, and tissue analysis.

For more information view the “Acid Forming Technology – How it Works” in our TIGER MICRONUTRIENTS® fertilizers Technical information.

### General Application Recommendations

The best methods of detecting Iron deficiencies are soil testing, tissue testing as well as using visual identifications of symptoms in moderate to severe deficiencies.

TIGER MICRONUTRIENTS® Iron 22% is a unique low analysis Iron source that ensures optimal root to particle contact for uptake into the plant. TIGER MICRONUTRIENTS® Iron 22% can be both banded and broadcast.

### Trigger Levels for Iron – Based on Soil Test Results

	Soil Test (Hot Water Extraction)	High Response Crops Lbs/ac (kg/ac) to apply	High Response Crops Lbs/ac (kg/ac) to apply	Low Response Crops Lbs/ac(kg/ac) to apply	Low Response Crops Lbs/ac(kg/ac) to apply
Iron Fertility	ppm	Broadcast	Band	Broadcast	Band
<u>Very Low</u>	0 - 0.3	1.0 - 2.0 lbs/acre (0.45 - 0.91 kg/acre)	0.5 - 1.0 lbs/acre (0.23 - 0.45 kg/acre)	1.0 - 2.0 lbs/ acre (0.45 - 0.91 kg/acre)	0.5 - 1.0 lbs/acre (0.23 - 0.45 kg/acre)
<u>Low</u>	0.4 - 11	0 - 1.0 lbs/acre (0 - 0.45 kg/acre)	0 - 0.5 lbs/acre (0 - 0.23 kg/acre)	0 - 0.3 lbs/ acre (0 - 0.14 kg/acre)	0 - 0.3 lbs/acre (0 - 0.14 kg/acre)
<u>Medium</u>	12 - 24	0	0	0	0
<u>High</u>	25 - 50	0	0	0	0
<u>Very High</u>	50 or higher	0	0	0	0

Pounds (Kg) of Actual Iron per acre to apply

**TIGER MICRONUTRIENTS® Iron 22%**  
**When used as directed will pose no Environmental Hazard.**  
**Does Not Stain Sidewalks, Concrete, Driveways, Patios etc.**

#### CONTACT INFORMATION



Tiger-Sul Products, LLC.  
 Corporate Headquarters  
 4 Armstrong Road, Suite 220  
 Shelton, CT 06484, USA  
 203-635-0190 (phone)  
 203-227-8351 (fax)

Tiger-Sul (Canada) Co.  
 P.O. Box 126  
 275137 Range Road 263  
 Irricana, AB TOM 1B0, Canada  
 877-299-3399  
 403-935-4197 (direct)

Tiger-Sul Products, LLC.  
 25 Byrne Drive  
 Atmore, AL 36502, USA  
 800-239-3647  
 251-202-3850 (direct)  
 251-368-4964 (fax)  
 Mailing Address:  
 P.O. Box 5; Atmore, AL 36504, USA

[tigersul.com](http://tigersul.com)  
[info@tigersul.com](mailto:info@tigersul.com)