

# BIO IRON

Agricultural Mineral & Soil Inoculant

## GUARANTEED ANALYSIS

Iron (Fe) .....14.0%  
Molybdenum (Mo).....0.0005%  
*Derived from: Iron humate*

## ALSO CONTAINS NONPLANT FOOD INGREDIENTS:

<i>Bacillus subtilis</i>	$2 \times 10^7$ cfu/g
<i>Bacillus amyloliquefaciens</i>	$2 \times 10^7$ cfu/g
<i>Bacillus licheniformis</i>	$2 \times 10^7$ cfu/g
<i>Streptomyces nigrescens</i>	$2 \times 10^6$ cfu/g

## NOTICE

Application of fertilizing materials containing molybdenum (Mo) may result in forage crops containing levels of molybdenum (Mo) which are toxic to ruminant animals.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>

## KEEP OUT OF REACH OF CHILDREN

### CAUTION

Avoid creating dust. Breathing dust may be harmful to your health. Use with adequate ventilation or respiratory protection.

**Purpose:** BIO IRON is an iron product containing several species of beneficial microorganism that work to enhance root development.

## APPLICATION DIRECTIONS

### Greenhouse and Nurseries.

**Soil Blending:** Evenly mix 3–7 lbs BIO IRON per cubic yard of growing media. Use 5 lbs per cubic yard for normal growing conditions. Increase rate for more problematic crops. Use lower rates for trees and maintenance of longer-term crops.

**Top Dressing:** Apply to individual plants as a top dressing at a rate of ½-1 tbsp per 4” pot size or 5-10 lbs per 1,000 sq ft of surface area. Lightly water product into the soil in order to move it closer to the root system.

**Turf Grass.** For problem areas, evenly apply 5- 10 lbs of BIO IRON per 1,000 square feet of turf grass. For general maintenance, evenly apply 5-lbs of BIO IRON per 1,000 square feet of turf grass every 4-12 weeks.

**Agriculture:** Use 5-10 lbs per acre as a top dressing, soil incorporation or in furrow application. Apply as near to the plant’s root system as possible.

## STORAGE AND DISPOSAL

**Storage:** Do not store in extremely high temperatures (above 130°F).

**Disposal.** Completely empty bag. Then dispose of empty bag in a sanitary landfill or by incineration or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

## LIMITED WARRANTY/DISCLAIMER

Manufacturer warrants that this product is suited for the labeled use when applied according to label directions. Manufacturer makes no warranty of merchantability. There are no warranties that extend beyond the description on the face hereof and in no event shall manufacturer be liable for any consequential damages.

Manufactured by:  
**Blacksmith BioScience**  
504 Spring Hill Dr #440  
Spring Texas 77386  
832-647-9663

Lot Number:

Expiration Date:

Net Weight. xxx lbs (xxx kg)