Contains beneficial soil microorganisms

BLACKSMITH
BIOSCIENCE

BIO-IRON™

Agricultural Mineral and Soil Inoculant

- Contains iron humate
- Boosted with beneficial microbes
- Blend into soil or sprinkle on top
- Promotes vigorous roots & robust plants



Net Wt: 3 lb (1.36 kg)

For vegetable, fruit, hemp & ornamental crops









BIO IRON
Agricultural Mineral & Soil Inoculant

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

GUARANTEED ANALYSIS

Iron (Fe) …….....…14.0000%
Molybdenum (Mo)…..0.0005%
Derived from: Iron humate

ALSO CONTAINS NONPLANT FOOD INGREDIENTS:

Bacillus subtilis	2 X 10^7 cfu/g
Bacillus amyloliquefaciens	2 X 10^7 cfu/g
Bacillus licheniformis	2 X 10^7 cfu/g
Streptomyces nigrescens	2 X 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.

STORAGE AND DISPOSAL
Storage: Do not store in extremely high temperatures (above 130F).
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
Manufacture 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.

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. Use 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 mainte-nance, 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.

For Smaller Applications

Applcation	Amount of Bio Iron	Coverage
Blending into potting/ garden soil	3 oz	Per cubic foot of pot-ting/garden soil
Top dressing plants	1 tsp	Per 4" pot size
	3 oz	Per 1 gallon pot
Top Dressing trees/shrubs	1 oz	Per 1" caliper
Turf Grass	8 oz	Per 100 square feet

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