Actino-Iron®

biological fungicide

PROD. # 5200-700
Grade: 0-0-0
GUARANTEED ANALYSIS
Iron (Fe) 15.0%
Molybdenum (Mo) 0.001%
Derived from magnetite ore

ALSO CONTAINS NON-PLANT FOOD INGREDIENT:
1% Humic Acid derived from decomposed plant residue

ACTIVE INGREDIENT
Streptomyces lydicus WYEC 108* 0.013%
OTHER INGREDIENTS 99.987%
Total 100.0%

*Contains a minimum of 1 x 10^6 colony forming units per gram.

ATTENTION: This product contains molybdenum (Mo). Crops high in molybdenum can be toxic to ruminant animals. Use only according to manufacturer’s directions.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Biological Fungicide with iron & humic acid Protects roots from disease-causing fungi

See attached booklet for additional Precautionary Statements, First Aid, Complete Directions for Use and Warranty.

FIRST AID

IF IN EYES:
• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

IF INHALED:
• Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for advice.

IF ON SKIN OR CLOTHING:
• Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for advice.

IF SWALLOWED:
• Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific Time (PT), seven days a week. During other times, call the poison control center at 1-800-222-1222.

Net weight
10 lb (4.54 kg)
USA

EPA Registration Number: 73314-2
EPA Establishment Number: 73314-TX-001
Made in the USA. Information regarding the contents and levels of metals in this product is available on the internet at http://www.aapcfa.org/metals.htm
14033 05.14 2521-127-0214

novozymes®
Rethink Tomorrow

Novozymes BioAg Inc.
13100 W. Lisbon Road, Suite 600
Brookfield WI 53005
1-800-245-4104
Integrated Pest Management:
Integrate Actino-Iron Biological Fungicide into an overall disease and pest management strategy whenever fungicide use is necessary. Apply Actino-Iron Biological Fungicide alone or in combination and/or rotation with chemical fungicides. Follow practices known to reduce disease development. Consult local agricultural authorities for specific IPM strategies developed for your crop(s) and location.

Application directions
Application uses:
For indoor/outdoor greenhouse, nursery, turf grass, ornamental plant, and field uses. Actino-Iron Biological Fungicide is a biological fungicide for use in soil applications (top dressing, soil incorporation and in furrow) for growing plants.

Greenhouses and nurseries potting soil mix:
Use in greenhouses, glass houses, shade houses, enclosed nurseries, and outdoor field grown and container nurseries, including perennials, ornamentals, trees, seedlings, ornamental grasses, all types of hardwood and softwood cuttings, palms, foliage plants, cut flowers, cut foliage and ferns, seedlings, plugs, bench or bed grown plants, vegetables, and herbs.

Evenly mix 5 lbs of Actino-Iron Biological Fungicide per cubic yard of planting media. Re-apply to planting media when repotting.

For nursery beds, incorporate at a rate of 2–8 pounds per 1,000 square feet of bed by raking or tilling. Application of irrigation water will help move Actino-Iron Biological Fungicide into the soil.

For top dressing, apply at a rate of 3 oz per cubic foot of planting media in pot. Water in thoroughly without creating runoff.

If soil is fumigated or steam sterilized apply Actino-Iron Biological Fungicide after treatment. Actino-Iron Biological Fungicide can be used in combination with or in rotation with other fungicides, insecticides, miticides, fertilizers or micronutrients. Consult other product's labels for additional information or restrictions concerning tank mixing. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures. Do not exceed label dosage rates. This product cannot be mixed with any product containing a label prohibition against such mixing.

Turf Grass:
Use on all cool and warm season turf grass varieties such as Bentgrass, Bluegrass, Bermudagrass (common and hybrid), Fescue, Ryegrass, St. Augustine, Zoysia, Paspalum and Poa Annu. Use on Greens, Tees, Fairways and Roughs, Sports Turf, Parks, Cemeteries, (Residential) Lawns, Sod Farms, Seed Production Grasses, and all ornamental grass varieties. Apply Actino-Iron Biological Fungicide throughout the growing season on all types of soils and turf grass varieties.

For problem areas with a history of, or potential for, fungal disease evenly apply 9 lbs of Actino-Iron Biological Fungicide per 1,000 square feet of turf grass. For general maintenance, evenly apply 4 lbs of Actino-Iron Biological Fungicide per 1,000 square feet of turf grass. If soil is fumigated or steam sterilized, apply Actino-Iron Biological Fungicide after treatment. Actino-Iron Biological Fungicide can be used in combination with or in rotation with other fungicides, insecticides, miticides, fertilizers or micronutrients. Consult other product's labels for additional information or restrictions concerning tank mixing. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures. Do not exceed label dosage rates. This product cannot be mixed with any product containing a label prohibition against such mixing.

For optimal results apply with a drop spreader or by blending Actino-Iron Biological Fungicide into top dressing (sand, peat, humus, compost). Water in immediately after application.

Outdoor field use on growing crops and ornamental plants:
For use throughout the growing season on all types of soils and all outdoor field grown food crops including vegetables, herbs, small fruits, berries, and fruit and nut trees. For use throughout the growing season on all types of soils and on all outdoor grown ornamentals, landscape plants, trees, shrubs, annuals, perennials, ground covers, and tropical plants.

Apply Actino-Iron Biological Fungicide at a rate of 10–15 pounds per acre using properly calibrated application equipment. For best results, apply Actino-Iron Biological Fungicide using a metering device, mounted to deliver granules into the furrow just behind the furrow opener.

Apply Actino-Iron Biological Fungicide either at seeding or to established crops as a side-dress. Water in after application. Actino-Iron Biological Fungicide can be used in combination with or in rotation with other fungicides, insecticides, miticides, fertilizers or micronutrients. Consult other product’s labels for additional information or restrictions concerning tank mixing. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures. Do not exceed label dosage rates. This product cannot be mixed with any product containing a label prohibition against such mixing.
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Storage and disposal
Do not contaminate water, food, or feed by storage or disposal.

Pesticide storage
Store in a dry, cool place out of direct sunlight and away from heat sources. Keep from overheating or freezing. Optimum storage temperature is 40°F to 85°F.

Pesticide disposal
To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container handling
Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Then offer for recycling if available, or dispose of empty bag in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances.

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