

7.75"



Koppert

Isarid™ HG

WETTABLE POWDER MYCOINSECTICIDE

For Home & Garden Use

**ACTIVE INGREDIENT:**

Isaria fumosorosea strain FE 9901*18.0%

OTHER INGREDIENTS82.0%**TOTAL**100.0%*Contains a minimum of 2x10⁸ colony forming units per gram of product (dry weight basis)**KEEP OUT OF REACH OF CHILDREN****CAUTION**

See inside this booklet for additional Precautionary Statements and complete Directions for Use.

FIRST AID: 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 treatment advice. If **inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice. 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 **swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person. **HOTLINE NUMBER:** Have the product container or label with you when calling a poison control center or doctor, or when going for treatment. For non-emergency information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378, Monday through Friday, 8:00 am to 12:00 pm Pacific Time (NPIC Website: www.npic.orst.edu). For emergencies, call your local poison control center at 1-800-222-1222.

PRECAUTIONARY STATEMENTS: Hazards to Humans and Domestic Animals. Caution. Harmful if swallowed, absorbed through skin, or inhaled. Avoid contact with skin, eyes or clothing. Avoid breathing vapor. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear protective eyewear and waterproof gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Storage and Disposal

Do not contaminate water, food, or feed by storage and disposal. **Pesticide Storage:** Except when preparing product for application, store under refrigerated conditions (46°F (8°C)). When preparing for application, store at room temperature conditions (75°F (24°C)). The spores are alive and may be harmed by storage at high temperatures (>86°F (>30°C)) or contact with water for more than 24 hours. Protect from extreme heat and cold. **Pesticide Disposal and Container Handling:** Non-refillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available. If **partly filled:** Call your local solid waste agency or (800) 858-7378 (National Pesticide Information Center) for disposal instructions. Never place unused product down any indoor or outdoor drain.

EPA Reg. No.: 89635-5

Koppert Biological Systems, Inc.

1502 Old US 23

Howell, MI 48843

Item Code: US21002

v1.0(8.4)/25.12.11

Manufactured for:

Koppert Biological Systems, Inc.

1502 Old US 23

Howell, MI 48843

Batch Code: See packaging**Not for sale or use after:**

See packaging

PF 262089

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

(continued)

FIRST AID (cont.)
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USER SAFETY RECOMMENDATIONS
Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS
To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticides off the treatment areas. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

DIRECTION FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

PRODUCT INFORMATION
Isarid™ HG is effective against whitefly, aphids, thrips, mites, beetles, psyllids, mealybugs, and fungus gnats* on fruit and vegetable plants, annual and perennial bedding plants and flowers, roses, potted flowers, foliage plants, trees, shrubs, and lawns located in homes, gardens,

greenhouses, and home landscapes. Isarid™ HG contains live spores of the fungus *Isaria fumosorosea* strain FE 9901. The spores are alive and may be harmed by storage at high temperatures or contact with water for more than 24 hours. ***Not for use in California**

APPLICATION DIRECTIONS (HOW TO APPLY)
Carefully read and follow all label directions, use rates, and restrictions. For best results, apply Isarid™ HG at the first signs of the presence of insect or mite larvae or eggs. Apply Isarid™ HG throughout the year from early spring to late fall (when soil temperature is above 39°F but less than 86°F). Typically, it takes 3 – 7 days for an infected insect or mite to die and 7 – 10 days after the first spray to see a reduction in an insect or mite population. Repeat applications 2 – 3 times at 15-day intervals sufficient to maintain control or shorter (5- to 8-day intervals) depending on pest pressures. If attempting to control an insect or mite population with a single application, make the treatment when egg hatch is essentially complete but before severe damage occurs. Isarid™ HG can be applied in commonly used pressurized hand-held sprayers, spray trigger bottles, and hose-end sprayers.

HOW TO USE FOR HAND-HELD SPRAYERS AND SPRAY TRIGGER BOTTLES
Fill sprayer or bottle with appropriate amount of water and Isarid™ HG. Mix spray solution thoroughly. Keep spray solution agitated during application. Use a minimum pressure of 40 PSI for manual or hand-held sprayers. Do not allow spray mixture to stand overnight.

HOW TO USE FOR HOSE-END SPRAYERS
Follow hose-end sprayer instructions to determine how to fill, set dial, clean, and disconnect from hose. Set dial on sprayer to deliver rate as directed below.

To assure that plants to be treated are not sensitive to the treatment, apply a small amount of the product to a few leaves or the above ground portion of the plant and check back in 2 – 4 days for signs of phytotoxicity.

Application Type	Amount of product per gallon of water	Directions
Foliar Spray	2 – 4 teaspoons per gallon	Dissolve product in appropriate amount of water and apply as a spray onto all foliage and leaves allowing product to run off an soak top layer of soil
Soil Drench	2 – 4 teaspoons per gallon	Dissolve product in appropriate amount of water and apply to soil at the base of the plant. Soak soil until run off.
Lawn and Grass	2 – 4 teaspoons per gallon	Dissolve product in appropriate amount of water and apply to lawn. Use 1 gallon of solution per 200 square feet.

Soil Application: Dissolve 2 – 4 teaspoons of Isarid™ HG per gallon of water to create solution. For more severe pest pressure, use higher label rate. Apply solution to pot, base of plant, roots (at transplant), or at pre-plant by watering until soil is completely saturated without creating run off. One cup of solution usually treats about one 6" pot or its equivalent. For best results, apply to damp soil and/or apply in conjunction with a wetting agent.

Foliar Spray: Dissolve 2 – 4 teaspoons of Isarid™ HG per gallon of water to create solution. For more severe pest pressure, use higher label rate. Spray leaves, stems, and new shoots to run off providing complete coverage of entire plant. If heavy rainfall occurs following application, it may be necessary to reapply the product after the rain has stopped. Do not water foliage within 4 hours of application.

For best results with foliar and lawn applications, use a spreader-sticker (a product designed to break the surface tension of water and evenly spread it over the surface of the foliage) in conjunction with application. Consult your garden center or dealer for specific product suggestions. (Examples include Weather Shield®, Coco-Wet®, Mega Wet®, Agri-2®, Plant Camel® and yucca extract.)

Lawn and Grass Treatment: Use direct watering, a pump-up type sprayer, or hose-end sprayer to apply Isarid™ HG solution until grass and soil are saturated.

Direct Lawn Watering: Mix 2 – 4 teaspoons of Isarid™ HG per gallon of water and apply at a rate of 1 gallon per 200 square feet of lawn. Thoroughly soak turf to provide complete coverage of treatment area. Avoid excessive run off.

Pump-up Sprayer Lawn Application: Mix 1 – 2 teaspoons (4 – 8 grams) of Isarid™ HG per gallon of water and apply to 200 square feet of lawn. Thoroughly soak turf to provide complete coverage of treatment area. Avoid excessive run off.

Hose-end Sprayer Lawn Application: Make a liquid concentrate from Isarid™ HG powder to treat the desired coverage area. Mix ½ – 1 teaspoons (2 – 4 grams) of Isarid™ HG per 20 oz of water and set hose-end setting to 4 oz to treat 100 square feet of lawn.

Storage and Disposal

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Pesticide Disposal and Container Handling: Non-refillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or (800) 858-7378 (National Pesticide Information Center) for disposal instructions. Never place unused product down any indoor or outdoor drain.

WARRANTY

To the extent allowed by law, buyers/users assume all risk when the product is used contrary to label directions. If the product fails to perform as warranted, the customer's sole remedy is replacement of the product or a refund of the purchase price, at Koppert's option.

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EPA Reg. No.: 89635-5
EPA Est. No.: 89635-MI-2

Net Weight: 4 oz (113.4g)
Item Code: US21002

Manufactured for:
Koppert Biological Systems, Inc.
1502 Old US 23
Howell, MI 48843

Batch Code: See packaging
Not for sale or use after:
See packaging

