

69834-14

UNITED

STATES ENVIRONMENTAL PROTECTION

AGENCY

7-20-2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division
(7511C)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:

69834-14

Date of Issuance:

JUL 20 2007

Term of Issuance:

Unconditional

Name of Pesticide Product:

MightyPlant with Messenger[®] Gold

NOTICE OF PESTICIDE:

X Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

EDEN Bioscience Corporation
1181 Keaveny Court
Walnut Creek, CA 94597-2465

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA Sec. 3(c)(5) provided you:

1. Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) and section 4 when the Agency requires all registrants of similar products to submit such data.
2. Revise the EPA Registration Number to read, "EPA Reg. No. 69834-14."
3. Submit three (3) copies of the revised final printed labeling before you release the product for shipment.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

Date:

7/20/07

W. Michael McDavit, Associate Director,
Biopesticides and Pollution Prevention Division (7511P)

EPA Form 8570-6

CONCURRENCES

SYMBOL	7511 P	7511P	7511P					
SURNAME	Gagliardi	Reynolds	Rull					
DATE	7-19-07	7/19/07	7/19/07					

MightyPlant with Messenger® Gold

Water Soluble All Purpose Plant Food

x-x-x plus micronutrients

[OPTIONAL TAG LINES – For use individually or in combination on labels and/or accompanying materials: Home, Yard & Garden; A Combination Plant Food and Biochemical Plant Activator For Healthier Plants; The Science Behind a Beautiful Garden; Promotes Plant Growth, visual crop quality, nutrient health and plant production; Helps Manage Disease For Home and Garden Use; For Healthier Plants; Healthier Plants; Better Blooms; Larger Harvests; Plant Health Regulator; Growth Stimulator; Easy to Use; Broad Spectrum; Promotes Plant Growth for Superior Gardens; Breakthrough Technology; Revolutionary; Effective; Economical; Delivering stronger and healthier plants; Increases root mass; Improves the health of every plant you grow! Improves the health of every plant in your garden! Improves the health of every plant you grow in your Garden! Fruits • Garden Flowers & Shrubs • House Plants • Vegetables; Boost overall growth and production; Improve plant stamina & vigor; Strengthen a plant's resistance to disease; Mix and Spray, or Simply Mix and Spray, or Mix and Spray Every Three Weeks, or Simply Mix and Spray Every Three Weeks; Harp-N-Tek® inside [LOGO]; Harp-N-Tek® is a registered trademark for proprietary harpin protein technology; with Harp-N-Tek® Plant Health Regulator]

ACTIVE INGREDIENT:Harpin $\alpha\beta$ Protein: 0.1%**INERT INGREDIENTS:** 99.9%

Total: 100.0%

EPA Reg. No. 69834 - XX EPA Est. No. 69834-WA-001

[ALTERNATE RE-PACKER'S EPA Est. No. 75447-CA-001]

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Net Weight:

[OPTIONAL – Packed for:]EDEN BIOSCIENCE Corporation • 11816 North Creek Parkway North
Bothell, WA 98011-82011-888-522-5976 [And/Or] www.messenger.info[And/Or] www.edenbio.com**[OPTIONAL]** See Back Panel for additional precautionary statements**DIRECTIONS FOR USE**

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

MightyPlant with Messenger® Gold stimulates the plant's natural growth and defense systems, enhancing overall plant health. Use MightyPlant with Messenger® Gold to boost overall plant growth, vigor, and production, and to aid in the management of disease. Harpin $\alpha\beta$, the active ingredient in MightyPlant with Messenger® Gold, is derived from naturally occurring harpin proteins.

MightyPlant with Messenger® Gold may be used on all plants grown indoors and outdoors, including Roses and other Flowers, Vegetables, Fruiting Trees, Small Fruits, Berries, Vines, Herbs, Root Crops, and all ornamental plants such as Trees, Shrubs, and Turf.

Wash your hands after use.

Mixing Instructions**For outdoor plants:**

Mix one packet in one gallon of water (one tsp. per quart of water) and mix thoroughly. [ALTERNATE LANGUAGE FOR 25 gal. package (or 50 gal. package): Add 13.25 ounces (26.5 oz) to 25 gallons (50 gallons) of water (approximately 1 tablespoon per gallon) and mix thoroughly.]

For indoor plants:

To feed with every watering, mix ½ tsp. per gallon of water. To feed every 14-21 days, mix one tsp. per gallon.

Application Instructions

- Only apply mixed product to the leaves (foliage) of plants that are not sensitive to liquid applications. Apply as a root drench for plants that are sensitive to liquid applications.
- Apply mixed product to plant foliage with a pump sprayer, watering can, or other suitable applicator and thoroughly soak the root zone of plants every 7-21 days.

STORAGE AND DISPOSAL

Store dry and out of direct sunlight. Do not store in temperatures over 110°F for more than 7 days. If Empty: Do not reuse this container. Place in trash or offer for recycling if available. If Partly Filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS:**

CAUTION: Causes eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

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.
- Call a poison control center or doctor for treatment advice.

ENVIRONMENTAL HAZARDS: Do not apply directly to water. Do not contaminate water when cleaning equipment or disposing of equipment wash waters or rinsate.

GUARANTEED ANALYSIS

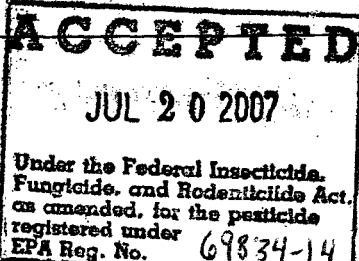
Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.html>

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CONTAINS NON-PLANT FOOD INGREDIENT:0.1% Harpin $\alpha\beta$ Protein

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

The contents of this package and/or the use of the contents are protected by U.S. Patent Nos. 5,849,868, 5,859,324, 5,776,889, 5,977,060, and 6,277,814. REFORMULATION OR REPACKAGING



MightyPlant with Messenger® Gold, EPA Reg. No. 69834 - XX
Draft Label Version (2), dated July 16, 2007

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FOR SALE IS PROHIBITED. © 2007 EDEN BIOSCIENCE Corporation. Always read and follow label instructions before buying or using this product.

[ALTERNATE LOCATION for Address/Phone/Website]

[OPTIONAL – Packed for:] EDEN BIOSCIENCE Corporation, 11816 North Creek Parkway North, Bothell, WA 98011-8201

OPTIONAL LANGUAGE for labels and accompanying materials:

MAY BE USED UP TO THE DAY OF HARVEST

What does MightyPlant with Messenger® Gold do?

- Stimulates a plant's defense and growth mechanisms
- Boosts overall growth, vigor, and production
- Aids in the management of disease
- Improves the plant's ability to grow and protect itself from stresses caused by adverse environmental conditions

[BARCODE]

07.0716 US MightyPlant with Messenger Gold