

69834-12

7-20-2007

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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:
69834-12

Date of Issuance:
JUL 20 2007

Term of Issuance: Unconditional

Name of Pesticide Product:
Messenger

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. 69834-12."
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:

W. Michael McDavit

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

Date:

7/20/07

EPA Form 8570-6

CONCURRENCES

Table with 3 columns for SYMBOL, SURNAME, and DATE. Row 1: 7511P, Gagliardi, 7-19-07. Row 2: 7511P, Reynolds, 7/19/07. Row 3: 7511P, [unclear], 7/19/07.

EPA Form 1320-1A (1/90)

Printed on Recycled Paper

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Non-Agricultural I

This product is Toxicity Category IV for all routes of exposure, thus the inclusion of PPE is not a requirement for non-WPS uses such as this section.

MESSENGER®

[OPTIONAL TAG LINES – For use individually or in combination on labels and/or accompanying materials:

Home, Yard & Garden; A Biochemical Plant Activator For Healthier Plants; Promotes Plant Growth; Helps Manage Disease; For Home and Garden Use; Concentrate; For Healthier Plants; Healthier Plants Better Blooms; Plant Health Regulator; Growth Stimulator; Larger Harvests; Easy to Use; Broad Spectrum; Promotes Plant Growth for Superior Gardens; Breakthrough Technology; Revolutionary; Effective; The Science Behind a Beautiful Garden; It's more than plant protection it's plant empowerment; Economical; 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; Boosts overall growth and production; Improves 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; Makes up to 9 gallons; Makes up to 3 gallons; Each gallon of spray can treat up to 1,000 square feet of your garden! Harp-N-Tek® is a registered trademark for proprietary harpin protein technology; For Use in Water Gardens and Ornamental Ponds; Delivering stronger and healthier plants; with Harp-N-Tek®]

ACTIVE INGREDIENT:

Harpin Protein: 3.0%

INERT INGREDIENTS: 97.0%

Total: 100.0%

[OPTIONAL: CONTAINS NON-PLANT FOOD INGREDIENT: 3.0% Harpin protein]

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



Net Weight: _____

[OPTIONAL – Packed for:]
EDEN BIOSCIENCE Corporation • 11816 North Creek Pkwy. North, Bothell, WA 98011-8201
1-888-522-5976 [And/Or] www.edenbio.com
[And/Or] www.messenger.info
[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.

Messenger is derived from a naturally occurring protein (harpin) [REMAINDER OF SENTENCE OPTIONAL: that activates plant growth systems and harnesses the plants' ability to defend themselves against disease and withstand other stresses.] Messenger stimulates a plant's growth and defense mechanisms to improve the plant's ability to grow and protect it from stresses caused by adverse environmental conditions. Use Messenger to

boost overall plant growth vigor, and production, and to aid in the management of disease.

FOR ALL STATES EXCEPT CALIFORNIA:

Messenger may be used on all plants grown indoors and outdoors, including Roses and other Flowers, Vegetables, Fruiting Trees, Berries, Vines, Herbs, Root Crops, Floating and Emergent Aquatic Plants in Water Gardens and Ornamental Ponds, and all ornamental plants such as Trees, Shrubs, and Turf. [ALTERNATE LANGUAGE FOR CALIFORNIA: See further instructions for use in California.]

[IN CALIFORNIA – Messenger may be used on the following crops for the uses specified below:

Crop	Use in California
Citrus (such as orange, grapefruit, tangelo, tangerine, and lemon)	To aid in the control of post harvest diseases such as citrus green mold and citrus blue mold
Fruiting vegetables (tomato, pepper, eggplant, etc.)	To aid in disease management (bacterial speck, leaf spot)
Grape (such as juice, raisin, table, and wine)	To aid in disease management (powdery mildew, bunch rot)
Strawberry	To aid in disease management (<i>Botrytis cinerea</i>)

People and Pets may enter treated areas after spray has dried.

Wash your hands after use.

Mixing and Application Instructions

1. Add one packet (0.12 oz.) to 1 gallon of water OR Add one packet (0.03 oz.) to 1 quart of water (¼ teaspoon per quart of water) and mix thoroughly. [ALTERNATE LANGUAGE FOR LARGE PACKETS: Add one packet (0.35 oz.) to 3 gallons of water.] [ALTERNATE LANGUAGE FOR 8 oz. (or 2 oz.) PACKET: Add 8 oz. (2 oz.) to 100 (25) gallons of water (approximately 1 teaspoon per gallon or 1/3 cup per 25 gallons) and mix thoroughly. Apply 1-2 gallons per 1,000 square feet.]
2. Apply mixed product to plant foliage with a pump sprayer, mister, watering can, or other suitable applicator. Apply as a fine mist for most efficient coverage. [ALTERNATE LANGUAGE FOR SEASONAL CHRISTMAS TREE PACKET: Add mixed product into tree stand. For best results, make sure the tree trunk is freshly cut.]
3. Apply when plants are actively growing. For best results, continue applications every 3 weeks through harvest, until first frost, or until plants become dormant.
4. Apply product the same day it is mixed. Re-apply if it rains within 30 minutes of application.
5. Reseal opened packets to minimize exposure to air and moisture. Use opened packets within 3 weeks.

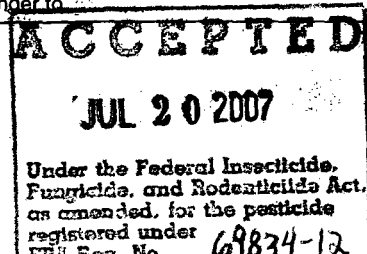
STORAGE AND DISPOSAL

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

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

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



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

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

OPTIONAL LANGUAGE for labels and accompanying materials:

MAY BE USED UP TO THE DAY OF HARVEST

What does Messenger 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

Use Messenger to increase plant health and vigor, and aid in the management of disease, such as: bacterial leaf spot, black leaf spot, *Botrytis*, *Fusarium* wilt, and powdery mildew

[BARCODE]

07.0716 US Messenger H&G