

69834-13

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:
69834-13

Date of Issuance:
JUL 20 2007

Term of Issuance: **Unconditional**

Name of Pesticide Product:
Messenger[®] Seed Treatment

NOTICE OF PESTICIDE:
 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. 69834-13."
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

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

EPA Form 1320-1A (1/90)

Printed on Recycled Paper

OFFICIAL FILE COPY

2/3

Non-Agricultural Use – See Treatment
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® SEED TREATMENT

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

Seed Treatment for strong, healthy, plants; Home, Yard & Garden; A Biochemical Plant Activator For Healthier Plants; Promotes Plant Growth; Helps Manage Disease; For Home and Garden Use; 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; Economical; 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 • Grass Seed; Boost overall growth and production; Improve plant stamina & vigor; Strengthen a plant's resistance to disease; It's more than plant protection, it's plant empowerment; Simply Puff & Plant; The Science Behind a Beautiful Garden; Treats up to 8 pounds of bulk seed; Harp-N-Tek® is a registered trademark for proprietary harpin protein technology; 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 Parkway 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 Seed Treatment is derived from a naturally occurring protein (harpin) (REMAINDER OF SENTENCE OPTIONAL: and formulated to provide a superior type of seed coating.) Messenger Seed Treatment 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 Seed Treatment to boost overall plant growth, vigor, and production, and to aid in the management of disease.

Messenger Seed Treatment may be used on all seeds, tubers, corms or bulbs planted indoors and outdoors, including Fruits, Flowers, Vegetables, Herbs and Turf.

Wash your hands after use.

Mixing and Application Instructions

For large quantities of seed:

Place seed in plastic or paper bag (or use container in which seed was packed). Add ¼ teaspoon of Messenger Seed Treatment for each pound of seed (each bottle contains 2 teaspoons of Messenger Seed Treatment). Shake vigorously to create a light uniform dust on seeds. Follow planting instructions on seed container. Close lid on bottle to minimize exposure to air and moisture. Use opened bottles within one planting season.

For small quantities of seed:

Treat seed in the seed packet or transfer seed to a small paper or plastic bag for treatment. For each teaspoon of seed to be treated, add 2-4 puffs of Messenger Seed Treatment to the seed packet or bag and shake vigorously to create a light, uniform dust on the seeds. Squeeze the bottle to produce a puff (each bottle contains about 400 puffs). Follow planting instructions on seed package. Close lid on bottle to minimize exposure to air and moisture. Use opened bottles within one planting season.

[ALTERNATE Mixing & Application Instructions for 2 oz. Bottle:

Place seed in a container (or use container in which seed was packed). Add 1 teaspoon of Messenger Seed Treatment for each 4 pounds of seed (each bottle contains enough Messenger Seed Treatment to treat 100 pounds of seed). Shake or stir vigorously to create a light uniform dust on seeds. Follow planting instructions on seed container. Close lid on bottle to minimize exposure to air and moisture. Use opened bottles within one planting season.]

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. Dispose of shaker bag in trash. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS

ENVIRONMENTAL HAZARDS: 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 contents 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.

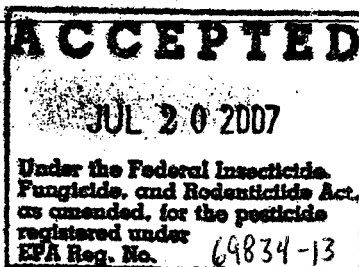
OPTIONAL LANGUAGE for labels and accompanying materials:

MAY BE USED UP TO THE DAY OF HARVEST

What does Messenger Seed Treatment do?

- Increases root mass and uniformity in germination
- Stimulates a plant's defense and growth mechanisms
- Boosts overall growth, vigor, and production

Messenger Seed Treatment, EPA Reg. No. 69834 - XX
Draft Label Version (2), dated July 16, 2007



- 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 Seed Treatment 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 Seed Treatment H&G