

82706-1

8-6-2007

1/5



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

EPA Reg. Num.
82706-1

Date of Issuance:
8/6/07

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

Term of Issuance:

Unconditional

Name of Pesticide Product:

AgroGuard™ Z

NOTICE OF PESTICIDE:

Registration
 Reregistration (under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Bio-Oz Biotechnologies Ltd.
c/o OMC Ag Consulting
828 Tanglewood Ln.
East Lansing, MI 48823

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.

The registration application referred to above, submitted in connection with registration under § 3(c)(5) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided that you do the following terms and conditions.

1. Submit/cite all data required for registration of your product under FIFRA § 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add an "i" in "virons" = virions on the first page of the USA label, 072407, Version 1A.
3. Change the EPA Reg. No. from 82706-R to 82706-1.
4. Submit 2 copies of Final Printed Labeling before shipment.

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

Signature of Approving Official:

Janet L. Andersen

Date:

8/6/07

Janet L. Andersen, Director, Biopesticides and Pollution Prevention Division (7511P)

CONCURRENCES

EPA Form 1320-6	7511P	7511P						
SURNAME	Tomimatsu	Reynolds						
DATE	03 Aug 2007	8/3/07						

2/5



BIO-OZ
Biotechnologies Ltd.

AgroGuard™ Z
USA Label
072407 – version 1A

AgroGuard™ Z

Protects Against Zucchini Yellow Mosaic Virus

Active ingredient: ZYMV-WK*	0.000005 %
Other ingredients**:	99.999995 %
Total	100 %

*mild strain of zucchini yellow mosaic virus at a minimum of 1×10^{13} virons/L
**extract of homogenized zucchini leaves

EPA Reg. No. 82706-R
EPA Est. No. 82706-XX-Y

KEEP OUT OF REACH OF CHILDREN

CAUTION

SHAKE WELL PRIOR TO USE

Net Contents:

Expiration Date:

ACCEPTED
AUG 06 2007

Under the Federal Insecticide, Fungicide, and Rodenticide Act, use consistent for the pesticide registered under EPA Reg. No. 82706-1

Manufactured by:
BIO-OZ Biotechnologies Ltd.
Yad-Mordechi, Mobile Post Hof-Askelon 79145 ISRAEL
Tel: 972-8-6720690 Fax: 972-8-6720668
Internet: www.bio-oz.co.il
E-mail: info@bio-oz.co.il



3/5

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco. Wear PPE as specified below (**Personal Protective Equipment**). Remove and wash contaminated clothing before reuse.

FIRST AID	
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted con detalle. (If you do not understand the label, find someone to explain it to you in detail.)	
If on Skin or Clothing:	<ul style="list-style-type: none"> • 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 in Eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present, after the first 5 minutes. Then continue rinsing eye. • Call a poison control center or doctor for treatment advice
If Inhaled	<ul style="list-style-type: none"> • 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 further treatment advice.
If Swallowed	<ul style="list-style-type: none"> • 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 to an unconscious person
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

User Safety Recommendations:
<p>Users should:</p> <ul style="list-style-type: none"> • Avoid contact with skin or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. • Remove clothing/PPE immediately if pesticides get inside. Then wash thoroughly and put on clean clothing. • Remove PPE immediately after handling this product. • Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.



BIO-OZ
Biotechnologies Ltd.

4/5
AgroGuard™ Z
USA Label
072407 – version 1A

Personal Protective Equipment (PPE): Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- NIOSH approved respirator with any N, P, R or HE filter

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

SHAKE WELL BEFORE USING

DIRECTIONS FOR USE

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

GENERAL INFORMATION

AgroGuard™ Z is an agricultural control treatment (cross protection) against virulent Zucchini Yellow Mosaic Virus infestations. For use with greenhouse crops, greenhouse transplants and field use.

MIXING INSTRUCTIONS

Some settling may occur during storage. Shake well the bottle several times before opening.

Please follow the instructions and precautions in the User Manual of the BIM apparatus (please see Appendix in User Manual) for correct mixing calculations.

LIMITATIONS:

- Container must be kept at 2-4°C (35-39°F). Prolonged exposure to temperatures higher than this renders the solution inactive. Do not use after the expiration date.
- Do not apply to plantlets that have already been exposed to virulent ZYMV and/or aphid vectors of ZYMV.
- This extract is intended for direct application on Cucurbit plants using only a BIM (nursery, lab or field type) inoculation apparatus and is sufficient to protect 10,000 Cucurbit plantlets (or 0.1 milliliter per plantlet) from virulent ZYMV, if applied according to the instructions and protocols of the BIM apparatus.
- Do not apply through any type of irrigation equipment.

5/5



BIO-OZ
Biotechnologies Ltd.

AgroGuard™ Z
USA Label
072407 - version 1A

COMPATIBILITY: AgroGuard™ Z cannot be mixed and applied together with any other substance apart from water.

CROPS: Cucurbits (including cucumbers, cantaloupes, watermelons, muskmelons, winter and summer squash, pumpkins, zucchini, and other cucurbits)

AgroGuard™ Z protects cucurbit plants against virulent ZYMV (Zucchini Yellow Mosaic Virus) infection

AgroGuard™ Z needs to be applied at least 5 days before transplantation of plantlets to the field and before appearance 4th true leaf using BIM (Bio-oz Inoculation Machine) application machine. Prior to treatment and 5 days after, it is advised to protect the plant using insect nets. Proper application and use the product prevents infestations of severe ZYMV.

Protected cucurbit plants should show mild mosaic symptoms on leaves (not on fruit). Other cucurbits do not show symptoms indicating successful inoculation, although they should be totally protected against virulent ZYMV devastation. Tests have shown that this product may reduce the total yield by approximately 10% compared with crops unexposed to ZYMV, while retaining full marketable fruit status.

PESTICIDE STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Keep from freezing. Store only in original sealed container and keep out of reach of children.

PESTICIDE DISPOSAL: If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY

Except as stated on this product label, the seller makes no other warranty, express or implied, of merchantability, fitness or otherwise concerning use of this product. The user assumes all risks of use, storage or handling that are not in strict accordance with the accompanying directions.

Label date:

US Patents No. 123

AgroGuard™ Z is a registered trademark of Company, Inc.