

100-900

8/12/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

AUG 12 2003

Larry Zang
Senior Regulatory Product Manager
Sygenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419-8300

Subject: Mycoshield®
EPA Reg. No. 100-900
Amendment dated June 4, 2003

Dear Mr Zang:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made:

LIST OF INGREDIENTS: Fix the underlining so that it is only under the entry "68.5%"

PERSONAL PROTECTIVE EQUIPMENT: Change "Waterproof gloves" to "Chemical resistant gloves made of any waterproof material."

AGRICULTURAL USE REQUIREMENTS: Change "Waterproof gloves" to "Chemical resistant gloves made of any waterproof material."

STORAGE AND DISPOSAL: Suggest that the subheading "STORAGE" be changed to "PESTICIDE STORAGE"

CROP USE DIRECTION: In the table entry for Pears/Use Rate, change to wording to read:

50 to 150 gallons per acre of a 200 ppm solution which is equivalent to:

One copy of the label stamped "Accepted with comments" is enclosed for your records.

Please submit one (1) copy of the final printed label before you release the product for shipment.

Mycoshield®
Page 2 of 2

If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at westin.robert@epa.gov.

Sincerely,



Mary Waller
Product Manager (21)
Fungicide Branch
Registration Division (7505C)

Enclosure

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Draft Label

Mycoshield®

For the control of fire blight of pear and bacterial spot of peach and nectarine

Active Ingredient:

Oxytetracycline Calcium Complex:

(equivalent to 17% oxytetracycline) 31.5%

Other Ingredients: 68.5%

Total: 100.0%

KEEP OUT OF REACH OF CHILDREN.

WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional precautionary statements and directions for use on bag or container.

EPA Reg. No. 100-900
EPA Est.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
AUG 12 2003
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
100-900**

SCP 900A-

_____ pounds
Net Weight

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FIRST AID	
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 lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
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 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 by 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 do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire or Accident), Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals**WARNING/AVISO**

Causes substantial but temporary eye injury. Harmful if absorbed through skin. Do not get in eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow 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.

Engineering Control Statements

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

Do not apply directly to water, 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 wash water.

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CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of Sale and Limitation of Warranty and of Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

CHEMIGATION

Do not apply this product through any type of irrigation system.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Storage

Store in original containers in a cool, dry place. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label.

Pesticide Disposal

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

Container Disposal

Plastic Containers: Triple rinse (or equivalent); then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or alternatives allowed by State and local authorities.

Paper Bags: Completely empty bags into application equipment. Then dispose of empty bag in a sanitary landfill or alternatives allowed by State and local authorities.

Fiber Drums with Liners: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or alternatives allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

APPLICATION PROCEDURES

The recommended method of application of Mycoshield is by airblast sprayer with enough water to provide full coverage. Thorough coverage is essential.

MIXING PROCEDURES

MIXING:

To avoid possible pesticide contamination use only clean metal or plastic containers in preparing all solutions.

Concentration Desired	Quantity Mycoshield Per Volume of Water		
	50 gals.	100 gals.	500 gals.
ppm*			
150	6 oz.	12 oz.	3 ¾ lbs.
200	8 oz. (½ lb.)	16 oz. (1 lb.)	5 lbs.

*ppm = parts per million oxytetracycline base in prepared solution.

CROP USE DIRECTIONS

Use of predictive models for fire blight threshold treatment conditions is recommended and encouraged to minimize the number of applications of Mycoshield. Thorough spray coverage is essential.

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Crop	Diseases Controlled	Use Rate	Comments
Pears	Fire Blight (<i>Erwinia amylovora</i>)	200 ppm per acre in 50-150 gals. solution per acre which is equivalent to: <ul style="list-style-type: none"> • 0.5 lbs Mycoshield/50 gal water or; • 1.0 lbs Mycoshield/100 gal water 	Begin applications at 10% bloom and repeat on 4-6 day interval. Use of Mycoshield may cause phytotoxicity to the fruit and/or foliage of sensitive varieties, especially Asian varieties. Do not apply more than 10 applications per year. Do not apply more than 1 lb Mycoshield per acre. Do not apply within 60 days of harvest.
Peaches and Nectarines	Bacterial Spot (<i>Xanthomonas campestris pv. pruni</i>)	<ul style="list-style-type: none"> • 0.75 – 1.5 lbs per 50 - 200 gals. water per acre. 	Apply on a weekly application schedule beginning at petal fall (<5% shuck split) through first cover. After first cover, interval can be extended 7-10 days depending on weather conditions. The higher rate is recommended early in the season and during periods conducive for disease. Use a pressure sprayer capable of delivering the spray at least 250 lbs pressure per square inch through a hand-held single nozzle gun, or 150 lbs pressure per square inch using an air-blast sprayer. For best results with air-blast sprayer, do not exceed 3 miles per hour ground speed or 100 miles per hour spray velocity. Do not apply within 3 weeks of harvest. Do not apply more than 12 lbs product per acre per year.

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For non-emergency (e.g., current product information) call Syngenta Crop Protection at 1-800-334-9481.

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Syngenta Crop Protection, Inc.
Greensboro, North Carolina 27409
www.syngenta-us.com

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