

55146-97



6/10/2011
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

JUN 10 2011

Danielle A. Larochelle
Registration Manager
Nufarm Americas, Inc.
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527

Subject: Mycoshield
EPA Registration No. 55146-97
Your Amendment dated February 28, 2011
Decision No. 446654

Dear Ms. Larochelle:

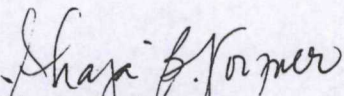
The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made:

1. On page 1, within the "Ingredient Statement" place a space between the words "Equivalent" and "to".
2. On page 2, revise the paragraph under "Personal Protective Equipment," by inserting the word "exist" after washables so that the sentence reads: If no such instructions for washables exist..."
3. On page 2, move the "User Safety Recommendation" box above the "Engineering Controls Statement," and add the following (3rd) bullet:
 - 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.
4. On page 3, move the "Agricultural Use Requirements" box above the first paragraph on that page.
5. On page 3, under "Application Procedures," revise the sentence to read: "For best results, apply this product using an airblast sprayer with enough water to provide full coverage. Thorough coverage is essential."
6. On page 4, within the "Crop Use Directions" 1st sentence, delete the phrase "is recommended and encourage" and replace the phrase with the word "will" so that the sentence reads, "Use of predictive models for fire blight threshold treatment will minimize the number of applications of..."

7. On page 4, under "Crop Use Directions," revise the "Comments" heading to read "Application Instructions."
8. On page 4, within the "Application Instructions" section for "Peaches and Nectarines" revise the 3rd sentence to read, "Use the higher rate early in the season and during periods conducive for disease."
9. On page 4, within the "Application Instructions" section for "Apples and Pears" revise 1st paragraph for "Aerial Application" to read "Aerial Application: Application by air is not a direct replacement for applications by ground. Use aerial application only in those orchards in which optimal coverage can be achieved by aerial application. Even with optimal coverage, the extent of control may be reduced. Apply by ground applications within 3 to 6 days subsequent to an aerial application."
10. On page 5, within the "Storage and Disposal" section for "Pesticide Storage" revise this section to read "Store in a cool, dry area under lock and key. Post as a pesticide storage area. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizers, and veterinary supplies."

One copy of the label stamped "Accepted with comments" is enclosed for your records. This label supersedes all labels previously accepted for this product. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment. If you have any questions, please contact Tamue L. Gibson by phone at (703) 305-9096 or via email at gibson.tamue@epa.gov.

Sincerely,


Shaja B. Joyner
Product Manager (20)
Fungicide Branch
Registration Division (7504P)

Enclosure

Mycosshield®

FOR THE CONTROL OF FIRE BLIGHT OF PEAR AND APPLE 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 INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840

EPA REG. NO. 55146-97
EPA EST. NO. _____

Manufactured For
NUFARM AMERICAS INC.
AGT DIVISION
150 Harvester Drive
Burr Ridge, IL 60527



NET CONTENTS: 2.0 POUNDS

ACCEPTED
with COMMENTS
In EPA Letter Dated
JUN 10 2011

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.

55146-97

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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 to 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 to 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 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.
HOT LINE NUMBER	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.</p>	

**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
- Chemical-resistant gloves made of any waterproof material
- 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 Controls Statement

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) (46)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS
<p>Users Should:</p> <ul style="list-style-type: none"> • Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. • Remove clothing/PPE 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 high water mark. Do not contaminate water when disposing of equipment washwater.

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.

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This product contains the antibiotic oxytetracycline. To reduce the development of drug resistant bacteria and maintain the effectiveness of this and other antibacterial products, this product should be used only to treat or prevent infections that are proven or strongly suspected to be caused by bacteria.

This material is not to be used for medical or veterinary purposes.

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
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear

CHEMIGATION

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

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 this product. Thorough spray coverage is essential.

CROP	DISEASES CONTROLLED	USE RATE	COMMENTS
<p>Peaches Nectarines</p>	<p>Bacterial Spot (<i>Xanthomonas campestris pv. pruni</i>)</p>	<ul style="list-style-type: none"> • 0.75 - 1.5 lbs. per 50 - 200 gals. water per acre 	<p>Apply at 7 day intervals beginning at petal fall (<5% shuck split) through first cover. After first cover, application interval can be extended to 7 - 10 days depending on weather conditions. The higher rate is recommended early in the season and during periods conducive for disease.</p> <p>Use a pressure sprayer capable of delivering the spray at a minimum of 250 lbs. pressure per square inch through a hand-held single nozzle gun, or 150 lbs. pressure per square inch using an airblast sprayer. For best results with airblast sprayer, do not exceed 3 miles per hour ground speed or 100 miles per hour spray velocity.</p> <p>Do not apply within 3 weeks of harvest. Do not apply more than 12 lbs. product per acre per year.</p>
<p>Apples Pears</p>	<p>Fire Blight (<i>Erwinia amylovora</i>)</p>	<p>Ground Application: Apply a 200 ppm solution per acre which is equivalent to:</p> <ul style="list-style-type: none"> • 1.0 lb. Mycoshield / 100 gals. water <p>Aerial Application:</p> <ul style="list-style-type: none"> • 1.0 lb. Mycoshield / minimum 10 gals. water 	<p>Ground Application: Apply using airblast sprayer. Ensure good coverage of plant parts. Apply beginning with 10% bloom and continue at 3 - 6 day intervals or apply when blight favorable weather is expected during apple bloom. Do not exceed 5 applications per year.</p> <p>Aerial Application: Application by air is not a direct replacement for applications by ground and should only be used in those orchards in which optimal coverage can be achieved by aerial application. Even with optimal coverage, the extent of control may be reduced and ground applications should be used within 3 to 6 days subsequent to an aerial application.</p> <p>Begin spray application at 10% bloom and continue at 3 - 6 day intervals, or apply when blight favorable weather is expected during apple bloom. Spray coverage of blossoms is essential.</p> <p>Restrictions:</p> <p>DO NOT apply more than 1.0 lb. of product per acre per application.</p> <p>DO NOT exceed a total of 5 applications of oxytetracycline per year using either ground or aerial methods of application.</p> <p>DO NOT apply within 60 days of harvest.</p> <p>DO NOT use treated crop or by-products for feed.</p> <p>DO NOT allow livestock to graze on treated orchards.</p> <p>NOTE: Use of this product may cause phytotoxicity to the fruit and/or foliage of sensitive pear varieties, especially Asian varieties.</p>

STORAGE AND DISPOSAL

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

PESTICIDE 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 HANDLING:

Plastic Containers:

[Nonrefillable Containers 50 lbs or Less]

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

[Nonrefillable Containers larger than 50 lbs]

Nonrefillable container. Do not reuse or refill this container. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

Paper Bags: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Fiber Drums with Liners:

Nonrefillable container. Do not reuse or refill this container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then offer for recycling, if available, or dispose of liner in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

If drum is contaminated and cannot be reused, dispose of it in the manner required for its liner.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

LIMITATION OF LIABILITY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURER OR SELLER TO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

If you do not agree with or do not accept any of directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

(RV022811)

Mycosshield is a registered trademark of Nufarm Americas Inc.

BATCH CODE: _____

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LABEL HISTORY

File Name	Revision Mark	Comment
055146-00097.20110228.Amended Label	RV022811	<ul style="list-style-type: none">• Combined use directions for apples and pears, adding aerial application for use on pears.• Updated Container Handling statement.