

55146-97

06/21/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Danielle A Laroche
Nufarm Americas Inc AGT DIVISION
c/o Nufarm Americas Inc
4020 Aerial Center Parkway
Morrisville NC 27560

JUN 21 2012

Subject Mycoshield
EPA Reg No 55146 97
EPA Decision Number 463513
Your master label amendment updating the PPE and the Directions for Use as well as minor editorial changes and your supplemental label for apple and pear

Dear Ms Laroche

The amended master label and supplemental label for apple and pear referred to above submitted in connection with registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA) as amended are acceptable

One copy of the labels stamped Accepted are enclosed for your records These labels supersede all labels previously accepted for this product Please submit one copy of the final printed label before the product is released for shipment If you have any questions please contact Heather Garvie by phone at 703 308 0034 or via email at garvie.heather@epa.gov

Sincerely

Marcel Howard
Acting Product Manager 20
Fungicide Branch
Registration Division

Enclosure Stamped labels Accepted

Mycoshield®

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 PRECAUTIONARY STATEMENTS

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

ACCEPTED
JUN 21 2012
Under the Federal Insecticide
Fungicide and Rodenticide Act
as amended for the pesticide
registered under
EPA Reg No

55146-97

EPA REG NO 55146 97
EPA EST NO _____

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



NET CONTENTS 20 POUNDS

FIRST AID	
IF IN EYES	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	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	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	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	
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	

**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 Do not breathe dust or spray mist

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
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC 21C) or a NIOSH approved respirator with any N R P or HE filter

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 exist use detergent and hot water Keep and wash PPE separately from other laundry

USER SAFETY RECOMMENDATIONS

Users Should

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
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

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

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

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 internal 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

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

CHEMIGATION

Do not apply this product through any type of irrigation system

APPLICATION PROCEDURES

For best results apply this product using an 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 gal	100 gal	500 gal
ppm			
150	6 oz	12 oz	3 ¾ lb
200	8 oz (½ lb)	16 oz (1 lb)	5 lb

ppm = parts per million oxytetracycline base in prepared solution

CROP USE DIRECTIONS

Use of predictive models for fire blight threshold treatment conditions will minimize the number of applications of this product. Thorough spray coverage is essential.

CROP	DISEASES CONTROLLED	CONCENTRATION / USE RATE	APPLICATION INSTRUCTIONS
<p>Peaches Nectarines</p>	<p>Bacterial Spot (<i>Xanthomonas campestris pv pruni</i>)</p>	<p>150 ppm Equivalent to 12 oz Mycoshield / 100 gal water</p>	<p>Ground Application Use 12 oz of Mycoshield/100 gallons of water (equivalent to 6 oz/50 gal or 24 oz/200 gal) Vary the total volume of solution per acre from 50 to 200 gallons depending on the size and foliar development of the trees. Smaller less dense trees will require a lower volume and larger more dense trees will require a higher volume of spray to obtain coverage to the point of runoff. 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 to 10 days depending on weather conditions. Use the higher rate early in the season and during periods conducive for disease. Use a pressure sprayer capable of delivering the spray at a minimum of 250 lb pressure per square inch through a hand held single nozzle gun or 150 lb 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. Do not apply within 3 weeks of harvest. Do not apply more than 12 lb product per acre per year.</p>
<p>Apples Pears</p>	<p>Fire Blight (<i>Erwinia amylovora</i>)</p>	<p>Ground Application 200 ppm Equivalent to 1 0 lb Mycoshield / 100 gal water Aerial Application 1 0 lb Mycoshield / minimum 10 gal water</p>	<p>Ground Application Apply using airblast sprayer. Ensure good coverage of plant parts. Apply beginning with 10% bloom. <u>For Apples</u> repeat applications at 3 to 6 day intervals or apply when blight favorable weather is expected during apple bloom. <u>For Pears</u> repeat applications at 4 to 6 day intervals. 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 air. Even with optimal coverage the extent of control may be reduced. Apply by ground within 3 to 6 days subsequent to an aerial application. Begin spray application at 10% bloom. <u>For apples</u> repeat applications at 3 to 6 day intervals or apply when blight favorable weather is expected during apple bloom. <u>For pears</u> repeat applications at 4 to 6 day intervals. Spray coverage of blossoms is essential.</p>
<p>Restrictions <u>For Apples</u> DO NOT apply more than 1 5 lb of product per acre per application DO NOT exceed a total of 6 applications per year using either ground or aerial methods of application DO NOT apply within 60 days of harvest <u>For Pears</u> Do not apply more than 1 0 lb of product per acre per application DO NOT exceed a total of 10 applications per year using either ground or aerial methods of application DO NOT apply within 60 days of harvest 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 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

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 lb 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 / 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 lb]

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

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

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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 the 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

(RV032212)

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All other trademarks are the property of their respective owners

BATCH CODE _____

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SUPPLEMENTAL LABEL

Mycoshield®

FOR THE CONTROL OF FIRE BLIGHT OF PEAR AND APPLE AND BACTERIAL SPOT OF PEACH AND NECTARINE

ACCEPTED
JUN 21 2012
Under the Federal Insecticide Fungicide and Rodenticide Act as amended for the pesticide registered under EPA Reg No

55146-97

EPA Reg No 55146 97
05 01 2012

READ AND FOLLOW THE ENTIRE LABEL BOOKLET FOR THIS PRODUCT BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING Label as used in this supplemental labeling refers to the label booklet for this product and this supplemental label

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN ANY MANNER INCONSISTENT WITH ITS LABELING This label must be in the possession of the user at the time of application

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

ALL APPLICABLE DIRECTIONS RESTRICTIONS AND PRECAUTIONS IN THE PRODUCT LABEL BOOKLET MUST BE FOLLOWED INCLUDING STATEMENTS PERTAINING TO THE WORKER PROTECTION STANDARDS ON THE EPA REGISTERED LABEL

APPLE and PEAR

DISEASE CONTROLLED	CONCENTRATION / USE RATE	APPLICATION INSTRUCTIONS
Fire Blight (<i>Erwinia amylovora</i>)	Ground Application 200 ppm Equivalent to 1.0 lb Mycoshield / 100 gal water	Ground Application Apply using airblast sprayer Ensure good coverage of plant parts Apply beginning with 10% bloom <u>For Apples</u> repeat applications at 3 to 6 day intervals or apply when blight favorable weather is expected during apple bloom <u>For Pears</u> repeat applications at 4 to 6 day intervals
	Aerial Application 1.0 lb Mycoshield / minimum 10 gal water	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 air Even with optimal coverage the extent of control may be reduced Apply by ground within 3 to 6 days subsequent to an aerial application Begin spray application at 10% bloom <u>For apples</u> repeat applications at 3 to 6 day intervals or apply when blight favorable weather is expected during apple bloom <u>For pears</u> repeat applications at 4 to 6 day intervals Spray coverage of blossoms is essential

Restrictions

For Apples

DO NOT apply more than 1.5 lb of product per acre per application
DO NOT exceed a total of 6 applications per year using either ground or aerial methods of application
DO NOT apply within 60 days of harvest

For Pears

Do not apply more than 1.0 lb of product per acre per application
DO NOT exceed a total of 10 applications per year using either ground or aerial methods of application
DO NOT apply within 60 days of harvest

NOTE

Use of this product may cause phytotoxicity to the fruit and/or foliage of sensitive pear varieties especially Asian varieties

NOTICE

Read the WARRANTY DISCLAIMER and LIMITATION OF LIABILITY in the label booklet for this product before using this product Those terms apply to this supplemental labeling and if those terms are not acceptable return the product unopened at once

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

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