

55146-96

2/3/2011

James W. F. 10/9



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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Nathan P. Ehresman
Director, Regulatory Affairs
Nufarm Americas Inc. AGT Division
15- Harvester Drive, Suite 200
Burr Ridge, IL 60527

FEB 3 2011

Subject: Agri-Mycin® 17
EPA Reg. No. 55146-96
Your letter dated November 4, 2010
EPA Decision Number: 441104

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

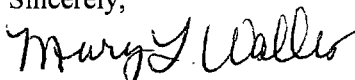
1. On the first page, remove the words "Gals." and "Liters" as Agri-Mycin® 17 is a solid product. Replace these words with "lbs. and/or ounces".
2. On page 2, move the FIRST AID section above the Precautionary Statements as First Aid instructions are not part of the Precautionary Statements section. Precautionary Statements only include Personal Protective Equipment, User Safety Requirements, Engineering Controls, User Safety Recommendations, Environmental Hazards, and Physical or Chemical Hazards.
3. On page 2, update the last four sentences under the PPE section to read as follows: "Applicators and other handlers must wear long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material, shoes plus socks and a NIOSH approved respirator with any N, R, P or HE filter. 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."
4. On page 2, the Hazards to Humans and Domestic Animals must be revised to read: "Harmful if absorbed through skin. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not breathe dust or spray mist. Avoid contact with eyes, skin, or clothing."
5. On page 2, under Environmental Hazards, add the following sentence to the beginning of the paragraph: "This product may be hazardous to aquatic plants."
6. On page 2 in the Agricultural Use Requirements box, update the last sentence to read: "...chemical-resistant gloves made of any waterproof material, a NIOSH approved respirator with any N, R, P or HE filter, and chemical-resistant footwear plus socks."
7. On page 3, under the Disease and Crop column and in the first row, delete the word "area" so that the cell reads "Celery (Florida)".

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8. On page 3, under the Disease and Crop column and in the sixth row, delete the word "area" so that the cell reads "Crown Gall (New Jersey)".
9. On page 3, under the Disease and Crop column and in the fifth and sixth rows, add a ":" after the word ORNAMENTALS.
10. On pages 3 and 4 under the **DISEASE AND CROP** column and under the ORNAMENTALS heading, remove the words "cut flowers" and "tropicals". "Cut flowers" is unacceptable as a fast track amendment submission as added worker risks may need to be assessed, and "tropicals" is not a definitive use site.
11. On pages 3 and 4 under the **DISEASE AND CROP** column, remove the words "including but not limited to" which appears in five places. Additional ornamental herbaceous plants and ornamental woody shrubs and vines submitted as a fast track amendment must each be listed specifically on the label. It is unacceptable to use the phrase "including but not limited to".
12. On page 4 in the Concentration or Rate column for Fire Blight – Pears, change the language to read as follows so as to be consistent with the most recently approved label: 28.8 oz of this product per acre per application (equivalent to 60 ppm at 600 gallons/A).
13. On page 4, under the Disease and Crop column and in the second row, add a ":" after the word ORNAMENTALS.
14. On page 4, under the Disease and Crop column and in the fourth row, delete the words "West Coast Area" and replace with "CA, OR and WA".
15. On page 5, change the subheading "Container Disposal" to "Container Handling".
16. On page 5, update the second sentence of the Pesticide Storage language to read as follows: "Store at a cool temperature when possible and with minimum..."
17. On page 5, place a period after the word "ordinance" and before the word "If" in three places in the Container Handling language for each of the three types of containers/bags.
18. On page 6 under the Limitation of Liability section, update the third sentence to read: "To the extent consistent with applicable law, all such risks shall be assumed by the buyer, user, or it's..."

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 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,



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

Enclosure

3049

Agri-Mycin[®] 17

Agricultural Streptomycin

ACTIVE INGREDIENT:

Streptomycin Sulfate (Equivalent to 17% streptomycin) 22.4%

OTHER INGREDIENTS: 77.6%

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

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. 55146-96

EPA EST. NO. _____

MANUFACTURED FOR
NUFARM AMERICAS INC.- AGT Division
150 HARVESTER DRIVE
BURR RIDGE, IL 60527
800-455-2000



**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

2/3/2011

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

55146-96

NET CONTENTS _____ GALS. (_____ Liters)

4 of 9

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

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart. Applicators and other handlers must wear long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material, and shoes plus socks. 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.

USER SAFETY RECOMMENDATIONS

Users Should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- 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.

FIRST AID

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 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.

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

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.

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 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 through any type of irrigation system. 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 intervals. The requirements in this box only apply to uses of this product 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 over long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material, shoes and chemical-resistant footwear.

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MIXING INSTRUCTIONS

Concentration Desired	Quantity of Product Per Volume of Water		
	50 gals.	100 gals.	500 gals.
ppm*			
50	2.0 oz	4.0 oz	20.0 oz
60	2.4 oz	4.8 oz	1.5 lbs
100	4.0 oz	0.5 lbs	2.5 lbs
200	0.5 lbs	1.0 lbs	5.0 lbs

*ppm = parts per million.

DISEASE AND CROP	CONCENTRATION OR RATE	FIRST SPRAY	FOLLOW-UP SPRAY SCHEDULE
Bacterial Blight Celery (Florida Area)	200 ppm	Apply first spray when seedlings are in the 2-leaf stage, when first true leaves appear.	Apply at 4 to 5 day intervals. Continue applications until celery is transplanted in the field.
Bacterial Leaf Spot, Bacterial Leaf Rot, Bacterial Blight caused by <i>Pseudomonas</i> and <i>Xanthomonas</i> spp. ORNAMENTALS including but not limited to Berberis, Carnation, Cut Flowers, Forsythia, Geranium, Hedera (ivy), Hydrangea, Impatiens, Lonicera (honeysuckle), Philadelphus, Philodendron, Poinsetta, Rudbeckia (Black-eyed susan), Salvia, Syringa, Tropicals, and Viburnum	200 ppm	Apply as preventive or at first signs of water-soaked areas on leaf.	Apply every 4-5 days.
	For curative action	Remove all rotted leaves from plant and then spray at 200 ppm every 4 days.	
Bacterial Spot, Bacterial Speck Tomatoes, Peppers	200 ppm	Apply first spray when seedlings are in the 2-leaf stage, when first true leaves appear.	Apply at 4 to 5 day intervals. Continue applications until transplanted in the field.
Bacterial Stem Rot Dieffenbachia Cuttings	200 ppm	Soak cuttings in streptomycin solution for 20 minutes. Plant cuttings in sterilized rooting medium.	
	100 ppm	To check spread of stem rot in stock plants, use 100 ppm streptomycin spray every 5-7 days.	
Bacterial Wilt caused by <i>Pseudomonas solanacearum</i> ORNAMENTALS including but not limited to Chrysanthemums, Hydrangea	50 ppm	Soak plant cuttings in streptomycin solution for 4 hours; plant as usual.	
Crown Gall ORNAMENTALS including but not limited to Roses, Lonicera (honeysuckle)	200 ppm	Remove infected plant. Cut out gall tissue. Soak the plant root system and cut surfaces of the infected area in streptomycin solution for 15 minutes. Replant in soil free of the crown gall organisms.	
	50 ppm	Use 50 ppm streptomycin in watering solution and in foliar sprays applied weekly starting one week after planting as an adjunct to this treatment.	

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DISEASE AND CROP	CONCENTRATION OR RATE	FIRST SPRAY	FOLLOW-UP SPRAY SCHEDULE
Fire Blight Pears	24-48 oz. of this product per acre per application (equivalent to 50-100 ppm at 600 gallons/A)	Spray trees at 20-30% bloom.	Spray trees every 3-4 days during blossom time. Apply sprays after petal fall every 10-14 days to control twig blight. (This could mean an additional 6-8 applications after blossom sprays.) Do not apply within 30 days of harvest.
Leaf Spot or Soft Rot caused by <i>Erwinia</i> spp. ORNAMENTALS including but not limited to Calla Lily, Cut Flowers, Gladiolus, Orchid, Tropicals	8 - 16 oz. of this product per 100 gallons (equivalent to 100 - 200 ppm)	First Sign of water-soaked areas on leaves	Apply as foliar preventive treatment. Apply every 4-7 days depending on disease pressure.
		Pre-plant	Apply as a postharvest, pre-plant dip or spray onto exposed bulbs.
		Post-plant, Pre-emergence	Apply as a post-plant, pre-emergent drench at a rate of 3-4 ounces solution per 6 inch pot or 3-4 ounces of solution per setting in the field.
Fire Blight of Rosaceae HOME GARDEN Apple & Pears Trees, and ORNAMENTALS including but not limited to Amelanchier, Cotoneaster, Pyracantha	100 ppm	Apply streptomycin in foliar and blossom sprays. Apply first spray at start of blossoming period. Continue spray application every 3-4 days during blossom time. Apply additional sprays every 5-7 days after blossom period when weather favors spread of fire blight. Do not apply after fruit is visible.	
Fire Blight Pears (West Coast Area)	28.8 oz. of this product per acre per application (equivalent to 50-100 ppm at 600 gallons/A)	10% bloom	Repeat at 5 day intervals until all late bloom is over. (This could mean 12-15 applications.) Continue to spray at 5 to 7 day intervals to control shoot and fruit infections. Do not apply within 30 days of harvest.
Fire Blight Apples	24-48 oz. of this product per acre per application (equivalent to 50-100 ppm at 600 gallons/A)	Spray trees at 20-30% bloom	Spray trees every 3-4 days during blossoms time. Apply sprays after petal fall every 10-14 days to control twig blight. (This could mean an additional 6-8 applications after blossom sprays.) Do not apply within 50 days of harvest.
Soft Rot and Blackleg Potatoes	100 ppm	Soak cut seed pieces in streptomycin solution for several minutes; plant as usual. Note: A suitable fungicide (such as Maxim® Potato Seed Protectant, Maxim MZ Potato Seed Protectant, Captan, or a dithiocarbamate) should be used as an adjunct to this treatment for the control of fungal diseases associated with potato seed pieces.	
Wildfire and Blue Mold Tobacco	100 ppm for preventive action	Apply first spray when plants are in the 2-leaf stage or about the size of a dime or when blue mold first appears in the area.	Repeat application at 5 to 7 day intervals until plants are set in the field. Additional protection may be obtained by spraying field plants with 100 ppm in a weekly spray schedule.
	200 ppm for curative action	In locations where wildlife has been a problem in recent years or where applications have been delayed until disease appears, a spray of 200 ppm streptomycin is recommended. Follow the same schedule as above.	

Additional information regarding use of this product may be obtained from your local Agricultural Extension Agent or State Experimental Station.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep tightly closed. Storage should be at a cool temperature when possible, and with minimum exposure to the atmosphere.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL:

[Nonrefillable bags of granular or dry formulation]

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. Do not burn unless allowed by state and local ordinance If burned stay out of smoke.

[Nonrefillable Containers 5 Gallons 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 1/4 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. Do not burn unless allowed by state and local ordinance If burned stay out of smoke.

[Nonrefillable containers larger than 5 Gallons:]

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 1/4 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. Do not burn unless allowed by state and local ordinance If burned stay out of smoke.

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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.

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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.

(RV110410)

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All other trademarks are the property of their respective owners.

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LABEL HISTORY

File Name	Revision Mark	Comment
055146-00096.20100928.Amended_label	RV090110	Additional ornamental uses added to label, update for PRN2007-4 Rejected by EPA – registration of the greenhouse use is subject to PRIA fee.
055146-00096.20101104.Amended_label	RV110410	Update for PRN2007-4 and additional ornamental uses proposed on 09/28/2010 without the greenhouse use.