



000100-00899-121898

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Systems Integration Group, Inc.

PM 21



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
NOTIFICATION

Application for Pesticide - Section I

1. Company/Product Number 100-899	2. EPA Product Manager Ms. Mary waller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Agri-mycin 17 ?	PM# 121 21	
5. Name and Address of Applicant (Include ZIP Code) Novartis Crop Protection, Inc. P. O. Box 18300 Greensboro, NC 27419 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i) my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION DEC 18 1998
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For Section I and Section II.) Add another container size (2.0 lb).

This notification is consistent with the provision of PR Notice 95-2 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec.1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under section 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
*Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Unit Packaging wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2.0 pounds		5. Location of Label Directions <input type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product			<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____		

Section - IV

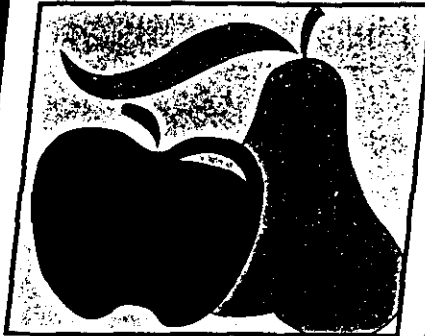
1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Richard Pence	Title Senior Regulatory Manager	Telephone No. (Include Area Code) 336-632-2101
<p align="center">Certification</p> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Richard Pence</i>	3. Title Senior Regulatory Manager	
4. Typed Name Richard Pence	5. Date December 1, 1998	

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete. Please read instructions on reverse before completing form.

NOTIFICATION

DEC 18 1998

Agri-mycin®



17

**AGRICULTURAL
STREPTOMYCIN**

**KEEP OUT OF
REACH OF
CHILDREN.
CAUTION**

See additional precautionary
statements and directions for
use on back of bag.

<i>Active Ingredient:</i>	
Streptomycin Sulfate (equivalent to 17% streptomycin) (CAS No. 3810-74-0)	22.4%
<u>Other Ingredients:</u>	<u>77.6%</u>
Total:	100.0%

EPA Reg. No. 100-899
EPA Est. 67545-AZ-1

**2.0 POUNDS
NET WEIGHT**

 **NOVARTIS**

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

CONDITIONS OF SALE AND WARRANTY

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Novartis Crop Protection, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Novartis warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. **Novartis makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Novartis or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** Novartis and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Novartis.

No end use of this product other than manufacturing is intended or implied by the above Conditions of Sale and Warranty.

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 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

MIXING INSTRUCTIONS

Concentration Desired	Quantity Agri-mycin 17 Per Volume of Water		
	50 gals.	100 gals.	500 gals.
ppm*			
50	2 oz.	4 oz.	20 oz.
60	2.4 oz.	4.8 oz.	1 1/2 lbs.
100	4 oz.	1/2 lb.	2 1/2 lbs.
200	1/2 lb.	1 lb.	5 lbs.

*ppm = parts per million

Agri-mycin® 17

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Disease and Crop	Recommended Concentration	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 Rot Philodendron	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 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 Chrysanthemums	50 ppm	Soak plant cuttings in streptomycin solution for 4 hours; plant as usual.	
Crown Gall Roses (New Jersey Area)	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 rose bushes 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.	
Fire Blight Pears	24-48 oz. Agri-mycin 17 per acre (equivalent to 50-100 ppm at 600 gals./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.
Fire Blight of the Rosaceae Home Garden Apple Trees, Home Garden Pear Trees, Pyracantha (Fire Thorn Bush) (CA)	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. Agri-mycin 17 per acre (equivalent to 60 ppm at 600 gals./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 (West Coast Area)	28.8 oz. Agri-mycin 17 per acre (equivalent to 60 ppm at 600 gals./A)	Full bloom	Apply at petal fall and late secondary bloom. Continue to spray at 5 to 7-day intervals to maintain disease control but not later than 50 days before harvest.
Fire Blight Apples	24-48 oz. Agri-mycin 17 per acre (equivalent to 50-100 ppm at 600 gals./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 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 Captan, Phygon, dithiocarbamates) should be used as an adjunct to this treatment for the control of fungal diseases associated with potato seed pieces.	

Disease and Crop	Recommended Concentration	First Spray	Follow-up Spray Schedule
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 wildfire 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.	

Disease and Crop	Dust Concentration	First Dust	Follow-up Dust Schedule
Fire Blight Apples (West Coast Area)	1500 ppm dust	Full bloom	Apply at petal fall and late secondary bloom. Continue to apply at 5 to 7-day intervals to maintain disease control but not later than 50 days before harvest.
Fire Blight Pears (West Coast Area)	1500 ppm dust	10% bloom	Repeat at 5-day intervals until all late bloom is over. (This could mean 12-15 applications.) Continue to apply dust at 5 to 7-day intervals to control shoot and fruit infections. Do not apply within 30 days of harvest.
Wildfire and Blue Mold Tobacco	"Streptomycin Tobacco Dust" 0.3% activity (3000 ppm activity)	Apply 8 lbs./A within one week after setting tobacco plants in the field. Make 3 additional weekly applications at 10 lbs., 12 lbs., and 15 lbs. per acre, respectively. If weather conditions favor disease development thereafter, apply 15 lbs./A, as needed, until harvest.	

Additional information regarding use of Agri-mycin 17 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.

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.

Disposal

Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill, by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

May cause allergic skin reactions. Do not breathe dust or spray mist. Personal Protective Equipment (PPE): Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C). 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. This material is not to be used for medical, veterinary, or human purposes. For 24-hour emergency information, call 1-800-888-8372, day or night.

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 outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

Keep out of lakes, ponds, and streams. Do not contaminate water when disposing of equipment wash water.

Agri-mycin® trademark of Novartis
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Greensboro, North Carolina 27419
NCP 899A-L4A 1098