

55146-80

8/13/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

Danielle A Larochelle
Nufarm Americas Inc - AGT Division
c/o Nufarm Americas Inc
4020 Aerial Center Parkway Suite 101
Morrisville NC 27560

AUG 13 2012

Subject	Application for Pesticide Notification (PRN 98 10)
Submission date	7/23/2012
Product Name	Streptrol Agricultural Streptomycin
EPA Reg No	55146 80
EPA Decision Number	468003

Dear Ms Larochelle

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98 10. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98 10 and finds that the action(s) requested fall within the scope of PRN 98 10.

The Agency acknowledges Streptrol Agricultural Streptomycin as the primary brand name and Streptomycin Sulfate WP as the alternate brand name.

The label submitted with the application has been stamped Notification and will be placed in our records. If you have questions concerning this letter please contact Erin Malone at 703 347 0253 or me at 703 308 9443.


Sincerely

A handwritten signature in black ink that reads "Mary L Waller".

Mary L Waller
Product Manager (21)
Fungicide Branch
Registration Division (7504P)

Please read instructions on reverse before completing form

Form Approved OMB No 2070 0060 Approval expires 05 31 98

	United States Environmental Protection Agency Washington DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide Section I

1 Company/Product Number 55146 80	2 EPA Product Manager Mary Waller	3 Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) STREPTOMYCIN SULFATE WP	PM# 21	
5 Name and Address of Applicant (Include ZIP Code) Nufarm Americas Inc AGT Division C/O Nufarm Americas Inc Agent for Nufarm Americas Inc AGT Division 4020 Aerial Center PKWY STE 101 Morrisville NC 27560 <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 _____
<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)

Notification of Primary Brand Name Change per PR Notice 98 10 The primary brand name for Reg # 55146 80 is changed to STREPTROL™ Agricultural Streptomycin Please keep the brand name STREPTOMYCIN SULFATE WP on record as an alternate brand name for this product

This notification is consistent with the provisions of PR Notice 98 10 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 98 10 and 40 CFR 152 46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA

CONTACT Tel (919) 379 2530 email danielle.larochelle@us.nufarm.com

Section III

1 Material This Product Will Be Packaged In				2 Type of Container	
Child Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify)
*Certification must be submitted if Yes Unit Packaging wgt No per container		if Yes Package wgt No per container			
3 Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4 Size(s) Retail Container 2 lbs bags 5 & 10 lbs jugs		5 Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On labeling accompanying product	
6 Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Other <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section – IV

1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application)		
Name Danielle A Larochelle	Title Registration Manager	Telephone No (Include Area Code) 919 379 2530
Certification 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 	3 Title Registration Manager	
4 Typed Name Danielle A Larochelle	4 Date July 23 2012	

3/8

Streptrol™

Agricultural Streptomycin

[Alternate Brand Name Streptomycin Sulfate WP]

ACTIVE INGREDIENT

Streptomycin Sulfate

21.3%

OTHER INGREDIENTS

78.7%

TOTAL

100.0%

(Equivalent to 17% streptomycin)

NOTIFICATION

AUG 13 2012

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

EPA REG NO 55146 80

EPA EST NO _____

MANUFACTURED FOR
NUFARM AMERICAS INC
AGT DIVISION
150 HARVESTER DRIVE
BURR RIDGE IL 60527



NET CONTENTS _____ POUNDS

FIRST AID	
IF ON SKIN OR CLOTHING	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 IN EYES	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 INHALED	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
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
CAUTION**

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

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 shoes plus socks and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC 21C) or 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

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 PPE immediately after handling this product Wash the outside of gloves before removing As soon as possible wash thoroughly and change into clean clothing

ENVIRONMENTAL HAZARDS

This product may be hazardous to aquatic plants 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 wastewater

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

Do not apply this product through any type of irrigation system
 This material is not to be used for medical veterinary or human purposes
IMPORTANT Read the entire Directions for Use before using this product

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 lb
100	4 0 oz	0 5 lb	2 5 lb
200	0 5 lb	1 0 lb	5 0 lb

ppm = parts per million

SPRAY APPLICATION

CELERY*

(Florida) *Bacterial Blight* Apply 200 ppm spray concentration Apply first spray when seedlings are in the 2 leaf stage when first true leaves appear For follow up spray schedule apply at 4 to 5 day intervals Continue applications until celery is transplanted in the field

PHILODENDRON*

Bacterial Leaf Rot Apply 200 ppm spray concentration Apply first spray as preventative or at first signs of water soaked areas on leaf For follow up spray schedule apply every 4 to 5 days For curative action remove all rotted leaves from plant and then spray at 200 ppm every 4 days

TOMATOES PEPPERS*

Bacterial Spot Apply 200 ppm spray concentration Apply first spray when seedlings are in the 2 leaf stage when first true leaves appear For follow up spray schedule apply at 4 to 5 day intervals Continue applications until transplanted in the field

DIEFFENBACHIA CUTTINGS*

Bacterial Stem Rot Use 200 ppm solution concentration Soak cuttings in streptomycin solution for 20 minutes Plant cuttings in sterilized rooting medium To check spread of *stem rot* in stock plants use 100 ppm spray concentration every 5 to 7 days

CHRYSANTHEMUMS*

Bacterial Wilt Use 50 ppm solution concentration Soak plant cuttings in streptomycin solution for 4 hours plant as usual

ROSES*

Crown Gall Use 200 ppm solution concentration Remove infected plant Cut out gall tissue Soak the root system and cut surfaces on the infected area in streptomycin solution for 15 minutes Replant rose bushes in soil free of the crown gall organisms Use 50 ppm streptomycin in watering solution and in foliar sprays applied weekly starting one week after planting as an adjunct to this treatment

PEARS

Fire Blight Apply 24 to 48 oz product per acre (equivalent to 50 to 100 ppm at 600 gal per acre) For first application spray trees at 20% to 30% of bloom For follow up spray schedule spray trees every 3 to 4 days during blossom time Apply sprays after petal fall every 10 to 14 days to control *twig blight* (This could mean an additional 6 to 8 applications after blossom sprays) Do not apply within 30 days of harvest
(CA OR & WA) *Fire Blight* Apply 28.8 oz product per acre (equivalent to 60 ppm at 600 gallons per acre) Apply first spray at 10% bloom For follow up spray schedule repeat at 5 day intervals until all late bloom is over (this could mean 12 to 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

**ROSACEAE HOME GARDEN APPLE TREES HOME GARDEN PEAR TREES
PYRACANTHA (FIRE THORN BUSH)**

(California) *Fire Blight* Use 100 ppm spray concentration Apply in foliar and blossom sprays Apply first spray at start of blossoming period Continue spray application every 3 to 4 days during blossom time Apply additional sprays every 5 to 7 days after blossom period when weather favors spread of *fire blight* Do not apply after fruit is visible

APPLES

Fire Blight Apply 24 to 48 oz product per acre (equivalent to 50 to 100 ppm at 600 gallons per acre) For first application spray trees at 20% to 30% bloom For follow up spray schedule spray trees every 3 to 4 days during blossom time Apply sprays after petal fall every 10 to 14 days to control *twig blight* (this could mean an additional 6 to 8 applications after blossom sprays) Do not apply within 50 days of harvest
(CA OR & WA) *Fire Blight* Apply 28.8 oz product per acre (equivalent to 60 ppm at 600 gallons per acre) Apply first spray at full bloom For follow up spray schedule 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

POTATOES*

Soft Rot and *Blackleg* Use 100 ppm solution concentration Soak cut seed pieces in streptomycin solution for several minutes plant as usual

NOTE Use a suitable fungicide (such as Captan or dithiocarbamates) as an adjunct to this treatment for the control of fungal diseases associated with potato seed pieces

Maintain treated seed pieces that cannot be planted immediately in bulk storage at cool temperature and plant as soon as possible

Treated potato seed pieces that are bagged for later use must bear the following labeling language on the outside of the bag Potato seed pieces treated with the fungicide Streptomycin Sulfate Do not use for food or feed purposes When opening this bag or loading/pouring treated seed pieces wear long sleeved shirt and long pants chemical resistant gloves made of any waterproof material shoes plus socks and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC 21C) or a NIOSH approved respirator with any N R P or HE filter

TOBACCO*

Wildfire and Blue Mold Apply 100 ppm spray concentration for preventative 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 For follow up spray schedule 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 Apply 200 ppm spray concentration for curative action In locations where *wildfire* has been a problem in recent years or where applications have been delayed until disease appears use a 200 ppm spray concentration Follow the same schedule as above

*EXCEPT CALIFORNIA

STORAGE AND DISPOSAL	
Do not contaminate water food or feed by storage or disposal	
PESTICIDE STORAGE Keep tightly closed Store 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 HANDLING	
[Note to Reviewer The following statement will be included on all Final Printed Labels bearing multiple Container Handling statements] NOTE This product is available in multiple containers Refer to the Net Contents section of this product's labeling for the applicable Nonrefillable or Refillable designation Follow the container handling instructions below that apply to your container type/size	
[Nonrefillable 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 Do not burn unless allowed by state and local ordinance If burned stay out of smoke
[Nonrefillable Containers 50 Pounds 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 50 Pounds]	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 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
[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 or 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

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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

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