

55146-80

2/25/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

FEB 25 2013

Danielle A. Larochelle
Registration Manager
Nufarm Americas Inc.
4020 Aerial Center Parkway, Suite 101
Morrisville, NC 27560

Subject: Revised label
Product Name: Streptrol™ Agricultural Streptomycin
EPA Reg. No.: 55146-80
Your submission: Amendment dated October 30, 2012
OPP Decision Number: 473048

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.

One copy of the label stamped "Accepted" is enclosed for your records. Please submit one copy of the final printed label before the product is released for shipment.

If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at westin.robert@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Hope Johnson".

Hope Johnson
Acting Product Manager (21)
Fungicide Branch
Registration Division (7504P)

Enclosure
Label stamped "Accepted"

Streptrol™

Agricultural Streptomycin

[Alternate Brand Name: Streptomycin Sulfate WP]

ACTIVE INGREDIENT:

Streptomycin Sulfate* 22.4%

OTHER INGREDIENTS: 77.6%

TOTAL: 100.0%

*(Equivalent to 17% streptomycin)

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

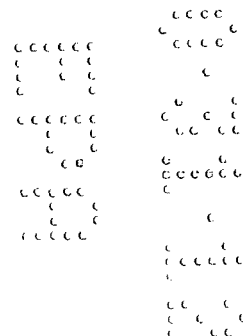
For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840

EPA REG. NO. 55146-80
EPA EST. NO. _____

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



ACCEPTED
FEB 25 2013
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 55146-80



NET CONTENTS: _____ POUNDS

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 - 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 - 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	<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 by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOTLINE 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

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.

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 and 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 of liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

(RV103012)

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