

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

34704-577

P. 123

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18

AUG 23 1991


Ms. Mary Beth Endres
Platte Chemical Co.
419 18th Street
P.O. Box 66
Greeley, Colorado 80632

Dear Ms. Endres:

Subject: Revised Labeling
Clean Crop Streptomycin 17
EPA Reg. No. 34704-577
Your Submission Dated October 17, 1990

The labeling referred to above, submitted in compliance with PR Notice 87-1, is acceptable. At your next label printing, change the last sentence under Environmental Hazards to "Do not contaminate water when disposing of equipment washwaters." A stamped copy is enclosed for your records.

Sincerely yours,



Susan T. Lewis
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (H7505C)

H7505C:B.MARANION:BM:8/21/91

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CONCURRENCES

MBOL							
RNAME							
DATE							



STREPTOMYCIN 17

34704-577

For control of Fire Blight on Apples & Pears,
Blue Mold & Wildfire on Tobacco,
and other Bacterial Diseases
AGRICULTURAL AND HORTICULTURAL USE ONLY

ACTIVE INGREDIENT:	
Streptomycin Sulfate	21.2%
(equivalent to 17% streptomycin)	
INERT INGREDIENTS:	78.8%
TOTAL	100.0%

STORAGE AND DISPOSAL
 Do not contaminate water, food or feed by storage or disposal.
STORAGE: Store in a cool, dry place.
PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.
CONTAINER DISPOSAL: Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill, or by incineration if permitted by State and local authorities.

KEEP OUT OF REACH OF CHILDREN CAUTION

See Below for Additional Precautionary Statements

EPA REG. NO. 34704-577

EPA EST. NO. 2393-IL-3[®], 2393-WI-1[®], 523-IL-1[®],
2393-WI-2[®], 33509-MO-1[®]

Superscript refers to first letter of lot number.

NET CONTENTS _____ GALLONS

27730

EXP10G90

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

MAY CAUSE ALLERGIC SKIN REACTIONS Avoid contact with skin and eyes. Do not breathe dust or spray mist. Wear dust mask and rubber gloves. Wash thoroughly after handling. This material is not to be used for medical, veterinary or human purposes.

Do not apply this product in a way that will contact unprotected workers, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow entry into treated areas until dusts have settled to perform hand labor tasks.

DECONTAMINATION: If the pesticide comes in contact with skin, wash off with soap and water. Always wash hands, face and arms with soap and water before smoking, eating, drinking or toileting. Before removing gloves, wash them with soap and water.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Use syrup of Ipecac if available. Do not induce vomiting or give anything by mouth to an unconscious person. Call a physician.

IF INHALED: Apply artificial respiration if indicated.

IF ON SKIN: Wash with plenty of water and get medical attention. Wash thoroughly after handling.

IF IN EYES: Flush with plenty of water and get medical attention.

NOTE TO PHYSICIAN: Monitor for possible allergic reaction.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

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.

MIX ACCORDING TO DIRECTIONS BELOW.

BE SURE TO FOLLOW ALL DIRECTIONS CAREFULLY.

Make sure that spray equipment has been flushed to remove previous spray materials. Sufficient jet or mechanical agitation should be provided during mixing and application to keep STREPTOMYCIN 17 uniformly suspended, especially in the case of 200 ppm concentration. Fill spray tank at least 1/2 full of water and while agitation is running, add the required amount of STREPTOMYCIN 17, then fill with water to desired level. Mix spray as needed; avoid prolonged storage of spray mix.

STREPTOMYCIN 17 should not be used in combination with emulsifiable concentrates. Avoid use with alkaline materials such as lime-sulfur. For highly alkaline water sources, use of an acceptable acidifying agent may be advisable to bring tank solutions to normal or slightly acid pH. Consult your State Agricultural Experiment Station for further information. Do not combine STREPTOMYCIN 17 with PennCap-M[®] Microencapsulated insecticide as plant injury may occur.

* PennCap-M is a registered trademark of Penwalt Corporation.

USE THE TABLE TO DETERMINE YOUR STREPTOMYCIN 17 CONCENTRATIONS.

CONCENTRATION	WATER DILUTION DIRECTIONS		
	QUANTITY STREPTOMYCIN 17 PER VOLUME OF WATER		
DESIRED	50 Gallons	100 Gallons	500 Gallons
50 ppm	2.0 ozs.	4.0 ozs.	20 ozs.
60 ppm	2.4 ozs.	4.8 ozs.	1 1/2 lbs.
100 ppm	4.0 ozs.	8.0 ozs.	2 1/2 lbs.
200 ppm	8.0 ozs.	1 lb.	5 lbs.

ppm — part per million

DUST MIXING DIRECTIONS		
Concentration	STREPTOMYCIN 17	Diluent
1500 ppm	3 lbs. 8 ozs.	397 lbs. 166 lbs.

Acceptable diluents include diatomites, kaolinites, pyrophyllites and talc. Dust ingredients must be thoroughly and uniformly blended.

DIRECTIONS			
CROP & DISEASE	METHOD	APPLI- CATION RATE	FIRST APPLICATION FOLLOW-UP
APPLES Fire Blight (West Coast Area)	Spray	60 ppm (28.8 ounces STREPTOMYCIN 17 per acre maximum)	Full bloom Apply at petal fall or 2 late secondary bloom. Continue to spray at 5 to 7 day intervals to maintain disease control. Do not spray within 50 days of harvest.
	Dust	1 lb. 1500 ppm dust per 1100 sq. ft. (40 lbs./A)	Full bloom Same as spray

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STREPTOMYCIN 17

EPA REG. NO. 34704-577

DIRECTIONS (cont'd.)

CROP & DISEASE	METHOD	APPLI-CATION RATE	FIRST APPLICATION	FOLLOW-UP
Other areas	Spray	50 to 100 ppm (48 ounces STREPTOMYCIN 17 per acre maximum)	20 to 30% bloom	Spray trees every 3 to 4 days during blossom time. After petal fall, apply sprays every 10 to 14 days to control twig blight. Do not apply within 50 days of harvest.
APPLES CRABAPPLES AND PEARS IN HOME GARDENS Fire Blight	Spray	100 ppm	Apply in tolar 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. Spray to runoff for full coverage.	
CELERY Bacterial Blight (Florida)	Spray	50 ppm	When conditions favor blight. Spray to runoff for full coverage.	Spray young plants in seedbed twice weekly until transplanting.
PEARS Fire Blight (West Coast Area)	Spray	60 ppm (28 8 ounces STREPTOMYCIN 17 per acre maximum)	10% bloom.	Repeat at 5 day intervals until all late bloom is over. Continue to spray at 5 to 7 day intervals to control shoot and fruit infections. Do not apply within 30 days of harvest.
	Dust	1 lb. 1500 ppm dust per 1100 sq. ft. (40 lbs./A)	10% bloom	Same as spray.
Other areas	Spray	50 to 100 ppm (48 ounces STREPTOMYCIN 17 per acre maximum)	20 to 30% bloom.	Spray trees every 3 to 4 days during blossom time. After petal fall apply sprays every 10 to 14 days to control twig blight. Do not apply within 30 days of harvest.
POTATOES Soft Rot Black Leg	Soak	100 ppm	Soak cut seed pieces in solution for 30 minutes and plant. Do not use treated seed pieces for food or feed purposes.	NOTE: A suitable registered fungicide (such as Captain Dichloro, or Mancozeb) should be used as an adjunct to this treatment for the control of fungal diseases associated with potato seed pieces.
TOBACCO Blue Mold	Spray	100 ppm (200 ppm for serious infection)	When seedling are in the two leaf stage or when disease is first reported in the areas. Spray to runoff for full coverage.	Spray at 5 to 7 day intervals until seedlings are transplanted in the field. Additional protection may be obtained by spraying established field plants with 100 ppm in a weekly spray schedule.
TOBACCO Wildfire	Spray	100 ppm (200 ppm where wildfire is already established)	When plant bed is in 2 leaf stage. Spray to runoff for full coverage.	Spray each week for 5 weeks or until transplanting. Additional protection may be obtained by spraying established field plants with 100 ppm in a weekly spray schedule.
TOMATOES AND PEPPERS Bacterial Spot	Spray	200 ppm	When first true leaves appear (two leaf stage). Spray to runoff for full coverage.	Continue every 4 to 5 days until transplanting.

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CROP & DISEASE	METHOD	APPLI-CATION RATE	FIRST APPLICATION	FOLLOW-UP
CHRYSAN- THEMUMS Bacterial W.M.	Soak	50 ppm	Soak basal ends of cutting for 4 to 6 hours and plant.	
DIFFEN- BACHIA Bacterial Stem Rot	Soak	200 ppm	Soak cuttings in STREPTOMYCIN 17 solution for 20 minutes. Plant cuttings in sterilized rooting medium.	
	Spray	100 ppm	To check spread of stem rot in stock plants, use 100 ppm spray every 5 to 7 days. Spray to runoff for full coverage.	
FLOWERING CRABAPPLE COTONEASTER FLOWERING QUINCE HAWTHORNE Fire Blight	Spray	50 to 100 ppm (in 50 to 100 gallons of water)	Make at least three applications particularly during bloom period. Continue post bloom on a 7 to 10 day schedule to prevent twig blight if conditions are favorable for infection.	
PHILO- DENDRUM Bacterial Leaf Rot	Spray	200 ppm	Apply as preventative or at first signs of water soaked areas on leaf. Spray to runoff for full coverage.	Apply every 4 to 5 days. For curative action, remove all rotted leaves from plant and then spray every 4 days.
PYRACANTHA (FIRE THORN) Fire Blight	Spray	100 ppm	Apply in tolar 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. Spray to runoff for full coverage.	
ROSES Crown Gall (New Jersey area)	soak	200 ppm	Remove infected plant when disease first appears. Cut out gall tissue. Soak the plant root system and cut surfaces of the infected area in STREPTOMYCIN 17 solution for 15 minutes. Replace rose bushes in soil free of crown gall organisms.	
	Spray	50 ppm	Use 50 ppm STREPTOMYCIN 17 in watering solution and in tolar sprays applied weekly starting one week after planting as an adjunct to this treatment. Spray to runoff for full coverage.	

NOTICE OF WARRANTY

Platte warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of the 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 Platte. In no case shall Platte be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Platte makes no warranties of Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

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FORMULATED FOR
PLATTE CHEMICAL CO.
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