

1007-17

04/14/1958

116

U. S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
PLANT PEST CONTROL DIVISION

REGISTRATION NO.

1007-17

DATE OF ISSUANCE

April 14, 1958

NAME OF ECONOMIC POISON

AS-50 AGRICULTURAL STREPTOMYCIN

**NOTICE OF REGISTRATION UNDER THE FEDERAL
INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT**

IN ANY CORRESPONDENCE ON THIS PRODUCT ALWAYS REFER TO ABOVE
REGISTRATION NUMBER.

NAME AND ADDRESS OF REGISTRANT

Charles Pfizer & Company, Inc.
11 Bartlett Street
Brooklyn 6, New York

On the basis of the information furnished by the registrant, the above named economic poison is hereby registered under Section 4 of the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted for registration is returned herewith.

Claims or directions for use which differ in substance from the representations made in connection with the application or changes in the name or formula of the economic poison covered by this notice should not be made prior to their submission to the Pesticide Regulation Section, and receipt of notice that they have been accepted.

Registration of a product is in no way to be construed as an endorsement or approval by this Department of any claims made for it. The labeling must not bear any reference to registration under this Act. In order to protect the public, the Secretary, on his own motion, may at any time cancel the registration of an economic poison and, in lieu thereof, issue a registration under protest, in accordance with Section 4 (c) of the Act. *In no event shall registration of an article, whether or not protested, be construed as a defense for the commission of any offense prohibited under Section 3 of the Act.* The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by a trademark held by others.

A request for registration under a new formula or labeling may be submitted at any time.

In Charge, Registration Unit
Pesticide Regulation Section

jlw

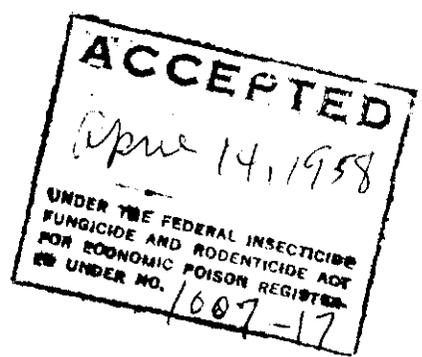
Enclosure.

With letter **FEB 3 1958**
application

PFIZER

AS-50*

Agricultural
Streptomycin



Active Ingredient:

Streptomycin	50%
Inert Ingredients	50%

CAUTION: Repeated contact with powder may cause temporary skin irritation. Wash exposed area thoroughly with water.

This material is non-sterile, suitably denatured, commercial grade antibiotic formulation, intended for agricultural use in control of plant diseases. Seller makes no warranty of any kind, expressed or implied, concerning results obtained by use of this material. Buyer assumes all risk of use or handling whether or not in accordance with any suggestions, recommendations, or directions of Seller.

SEE DIRECTIONS FOR USE ON ENCLOSED FOLDER

Lot. No.

Pfizer

Net Wt. 100 lbs.

*Trademark

Chas. Pfizer & Co., Inc.
Manufacturing Chemists since 1849

New York

U.S.A.

APPLICATIONS FOR STREPTOMYCIN SPRAY PRODUCTS

DISEASE AND CROP	RECOMMENDED CONCENTRATION	FIRST SPRAY	FOLLOW-UP SPRAY SCHEDULE
Fire Blight Pears (west coast area)	30 ppm	Spray trees at 20%-30% bloom.	Spray trees every 5-6 days during blossom time.
Fire Blight Apples	50 ppm	Spray trees at 20%-30% bloom.	Spray trees every 3-4 days during blossom time.
Blight Walnut	50 ppm	Spray trees at pre-bloom stage.	One post-bloom spray. Apply additional sprays if rain occurs during blossom time.
Bacterial Spot Tomatoes, Peppers	200 ppm	Spray seedlings in seedbeds and fields when first true leaves appear.	Spray plants every fifth day until fruit is set. X
Walo Blight Beans	200 ppm for preventive action	Apply first spray when first true leaves appear (approximately ten days after emergence).	Apply only on seed-crop beans or before fruit is set on table-crop beans. Spray at seven-day intervals for a total of three applications.
	400 ppm for curative action	In early and later stages of infection, spray at 5-day intervals for a total of at least four applications. Apply only on seed-crop beans or before fruit is set on table-crop beans.	
Soft Rot and Blackleg Potatoes	100 ppm	Soak cut seed pieces in Streptomycin solution for several minutes; plant as usual. NOTE: A suitable fungicide should be used as an adjunct to this treatment for the control of fungal diseases associated with potato seed pieces.	
Bacterial Blight Celery (Florida area)	200 ppm	Apply first spray when seedlings are in two leaf stage, when first true leaves appear.	Apply at 4 to 5 day intervals. Continue applications until celery is transplanted in the field.

APPLICATIONS FOR STREPTOMYCIN SPRAY PRODUCTS

DISEASE AND CROP	RECOMMENDED CONCENTRATION	FIRST SPRAY	FOLLOW-UP SPRAY SCHEDULE
Angular Leaf Spot Cucumber	200 ppm for preventive action	Apply on plants after their emergence in the field to obtain control during period prior to fruit set.	Apply at intervals of 5-7 days until fruit sets.
	400 ppm for curative action	When heavy infection occurs, spray at 5-day intervals for a total of 3 applications. Do not spray plants after fruit is set.	
Wildfire and Blue Mold Tobacco	100 ppm	Apply first spray when plants are in the two leaf stage or about the size of a dime.	Repeat application at 5 - 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.	
Downy Mildew hops	100 ppm	Treat hop-crown in early spring when infected shoots first appear. Apply first soak-spray after crown pruning when new shoot growth is between 4-12 inches advanced. Apply second soak-spray to hop plant after first vine training.	
Bacterial Leaf Spot Sesame	250 ppm	Soak seed in Streptomycin Solution for thirty minutes; plant seed as usual. (This treatment is not effective when treated seed is planted adjacent to fields of sesame grown from non-treated seed).	
Bacterial Stem Rot Dieffenbachia Cuttings	200 ppm	Soak cuttings in Streptomycin solution for twenty 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 to 7 days.	

APPLICATIONS FOR STREPTOMYCIN SPRAY PRODUCTS

DISEASE AND CROP	RECOMMENDED CONCENTRATION	FIRST SPRAY	FOLLOW-UP SPRAY SCHEDULE
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 fifteen minutes. Replant rose bushes in soil free of the crown gall organism.	
	50 ppm	Use 50ppm Streptomycin in watering solution and in foliar sprays applied weekly starting one week after planting as an adjunct to this treatment.	
Fireblight of The Rosaceae Home Garden Apple Trees, Home Garden Pear Trees, Pyracantha (Calif.) (Fire Thorn Bush)	100 ppm	Apply Streptomycin in foliar and blossom sprays. Apply first spray at start of blossoming period. Continue spray application every three to four days during blossom time. Apply additional sprays every five to seven days after blossom period when weather favors spread of fireblight. Do not apply after fruit is visible.	
Bacterial Wilt Chrysanthemums	50 ppm	Soak plant cuttings in Streptomycin solution for four hours; plant as usual.	
Bacterial Leaf Rot Philodendron	200 ppm	Apply as preventive or at first signs of water soaked areas on leaf.	Apply every four to five days.
	For curative action	Remove all rotted leaves from plant and then spray at 200 ppm every four days.	

APPLICATIONS FOR STREPTOMYCIN DUST PRODUCTS

DISEASE AND CROP	DUST CONCENTRATION	APPLICATION SCHEDULE*
Fire Blight Apples Pears Blight Walnuts	"Streptomycin Dust" 0.1% activity (1000 ppm activity)	Pears and Apples: Apply 40-50 lbs. per acre start- ing at 10-15% bloom. Repeat dust applications at 4-6 day intervals until end of bloom Walnuts: Apply at rate of 50 lbs per acre, two pre- bloom applications before 5% of flowers are open, and one post bloom application when flowers have withered and dried.
Blue Mold Wildfire Tobacco	"Streptomycin Tobacco Dust" 0.3% activity (3000 ppm activity)	Apply 8 lbs. per acre within one week after setting tobacco plants in the field. Make three additional weekly appli- cations at 10 lbs.; 12 lbs. and 15 lbs. per acre, respect- ively. If weather conditions favor disease development thereafter, apply 15 lbs. per acre, as needed, until harvest.

*Label all dusts with notation: "If practical, make applications when plants are damp with dew or wet with rain."

Additional formulating, packaging and labeling instructions or samples are available.