

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PM 21 618-72 14

JAN 16 1990

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5 | 18

Dr. Samuel F. Rickard  
Merck Sharp & Dohme Research Laboratories  
Hillsborough Road  
Three Bridges, NJ 08887

Dear Dr. Rickard:

Subject: Amended Labeling  
AGRI-STREP 500  
EPA Registration No. 618-72  
Your Submission Dated December 21, 1989

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling.
  - a. Revise the directions for use as a seed treatment to comply with Section 153.155 of Title 40 of the Code of Federal Regulations.
  - b. Add a statement indicating that the user must add an EPA-approved dye with the product during the seed treatment process.
  - c. Move "If pesticide comes in contact with skin . . . wash with soap and water" to the Hazards to Humans section. Under Statement of Practical Treatment, reinstate:

If In Eyes: Flush with plenty of water.  
Call a physician if irritation persists.

If On Skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

55158-I, Stone, R-7, KENC0:01/10/90:02/08/90:CL:sw:vo:dq

CONCURRENCES

SYMBOL	SURNAME	DATE					
.....	.....	.....					
.....	.....	.....					

2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Susan Lewis  
Product Manager (21)  
Fungicide-Herbicide Branch  
Registration Division (K7505C)

Enclosure

**BEST AVAILABLE COPY**

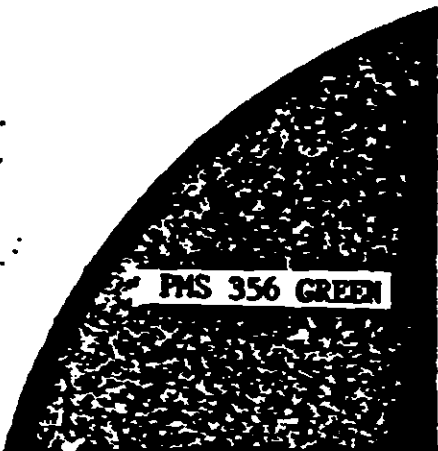
321

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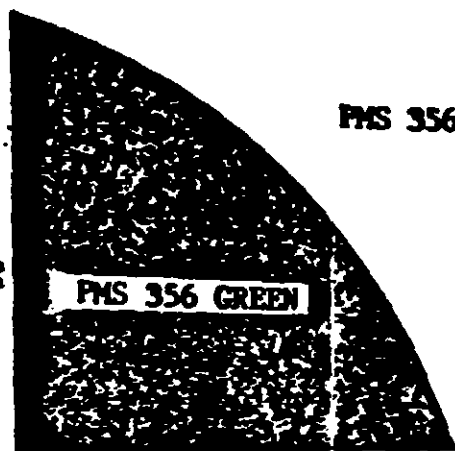
Product

Sp. 1804

PMS 356 GREEN



50 KG

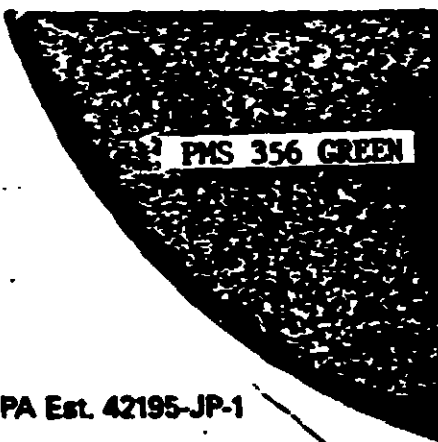


# Agri-Strep<sup>®</sup> 500

## (STREPTOMYCIN SULFATE AGRICULTURAL)

### BACTERICIDE

**APPLES AND PEARS**  
To Control Fire Blight



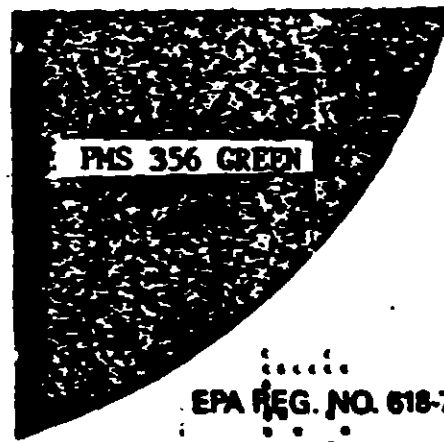
Active ingredient:  
 Streptomycin Sulfate ..... 62.6%  
 (50% streptomycin)

Inert ingredients: ..... 37.4%

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100%

**BEANS (SEED TREATMENT)**  
To Control Halo Blight



**FOR AGRICULTURAL USE ONLY**

**KEEP TIGHTLY CLOSED**

**PRECAUTIONARY STATEMENTS**

*Hazards to Humans and Domestic Animals*

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION!**

EPA Est. 42195-JP-1

EPA REG. NO. 618-72-A

May cause allergic skin reactions. 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 sprays have dried to perform hand labor tasks.

**Statements of Practical Treatment**

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 talking. Before removing gloves, wash them with soap and water.

**Environmental Hazards**

Do not apply directly to water or wetlands. Do not contaminate water when disposing of equipment washwaters.

See Side Panel for Directions for Use

Made in Japan for  
**MSDAGVET**  
 Division of MERCK & CO., INC.  
 Rahway, New Jersey 07065, U.S.A.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JAN 16 1990

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act as  
amended, for the pesticide  
Registered under EPA Reg. No.

618-72

## DIRECTIONS FOR USE

It is a violation of Federal (U.S.A.) law to use this product in a manner inconsistent with its labeling.  
Do not apply this product through any type of irrigation system.

AGRI-STREP is recommended for the control of certain important bacterial diseases. If treatment is not effective following use of AGRI-STREP, a tolerant strain of bacteria may be present. Consideration should be given to prompt use of other suitable bactericides.

### APPLES & PEARS — CONTROL OF FIRE BLIGHT

Crop & Disease	Application		Apply First	Follow-up
	Method	Rate*		
APPLES (Fire Blight) West Coast	Spray	9.6 oz. AGRI-STREP 500 per acre (equivalent to 60 ppm at 600 gal/A)	full bloom	Apply at petal fall and late secondary bloom. Continue to spray at 5-7 day intervals to maintain disease control. Do not apply within 30 days of harvest.
	Dust	40 lb. of 1500 ppm dust per acre	full bloom	Same as Spray
Other Areas	Spray	8-16 oz. AGRI-STREP 500 per acre (equivalent to 50-100 ppm at 600 gal/A)	20-30% bloom	Spray trees every 3-4 days during blossom time. After petal fall, apply sprays every 10-14 days to control twig blight. Do not apply within 30 days of harvest.
PEARS (Fire Blight) West Coast	Spray	9.6 oz. AGRI-STREP 500 per acre (equivalent to 60 ppm at 600 gal/A)	10% bloom	Repeat at 5 day intervals until all late bloom is over. Continue to spray at 5-7 day intervals to control shoot and fruit infections. Do not apply within 30 days of harvest.
	Dust	40 lb. of 1500 ppm dust per acre	10% bloom	Same as Spray
Other Areas	Spray	8-16 oz. AGRI-STREP 500 per acre (equivalent to 50-100 ppm at 600 gal/A)	20-30% bloom	Spray trees every 3-4 days during blossom time. After petal fall, apply sprays every 10-14 days to control twig blight. Do not apply within 30 days of harvest.

### BEANS (Seed Treatment) — CONTROL OF HALO BLIGHT

Crop & Disease	Application		Limitations
	Method	Rate*	
BEANS — Seed Treatment (Halo Blight — surface infection)	Slurry	50,000 ppm (5%)	For commercial seed treatment. Do not use treated seed for food or feed.

\*ppm refers to Streptomycin content

## MIXING DIRECTIONS

For 100 gal. Spray or Slurry

Concentration	AGRI-STREP 500
50 ppm	1 1/2 oz.
60 ppm	1.6 oz.
100 ppm	2 1/2 oz.
50,000 ppm	83 1/2 lb.

For 100 lb. Dust

Concentration	AGRI-STREP 500	Diluent**
1500 ppm	3 lb.	97 lb.

\*\*Acceptable diluents may be selected from the diatomites, kaolinites, pyrophilites, and talc. Dust ingredients should be thoroughly blended.

For further details consult your State Agricultural Experiment Station

### STORAGE AND DISPOSAL

**DISPOSAL Prohibitions** — Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Pesticide Disposal — Pesticide, spray mixture or residue 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 — Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner and fiber drum in a sanitary landfill or by incineration if allowed by State and local authorities. General — Consult Federal, state, or local disposal authorities for approved alternative procedures such as limited open burning.

**NOTICE OF 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 MSD AGVET or the Seller. Treatment may not be effective if tolerant strains develop. Use of alternate treatments should be considered when treatment with this product proves ineffective. All such risks shall be assumed by the buyer.

MSD AGVET 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. Buyer assumes all risks of use or handling which are at variance in any way with the directions hereon. MSD AGVET makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall MSD AGVET or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. MSD AGVET and the Seller offer this product and the buyer and user accept it, subject to the foregoing Notice of Warranty which may be written only in writing signed by a duly authorized representative of MSD AGVET.

AGRI-STREP REG TM MERCK & CO., Inc.

8511205

**BEST AVAILABLE COPY**

ALL COPY BLACK UNLESS NOTED  
DIMENSIONS: 14-11/16" W x 9-1/2" H