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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

JAN 1 4 1994

Patricia A. Sheehy MERCK & COMPANY, INC. AGENT FOR: MERCK & CO. INC. HILLSBOROUGH ROAD THREE BRIDGES, NJ. 08887 OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Subject:

Label Amendment Submission of 07/14/93 In Response to PR Notice 93-7

EPA Reg. No. 618-100

AS-50 AGRICULTURAL STREPTOMYCIN

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling AND
- WITHIN one year from date of this acceptance.

Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL) Office of Pesticide Programs (7505C) U.S. Environmental Protection Agency 401 M Street, SW Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,

Jim Tompkins, Deputy Chief Registration Support Branch Registration Division (7505W)

Attachment

CONTROL OF FIRE BLIGHT OF APPLES AND PEARS

Directions for Use

Crop	Recommended Concentration	First Spray	Follow-Up Spray Schedule	
PEARS (West Coast Area)	9.6 oz AS-50 per acre (equivalent to 50 ppm at 500 gal per acre).	10% bloom	Repeat at 5 day intervals until all late bloom is over. (This could mean 12-15 applications.) Continue to spray at 5-7 day intervals to control shoot and fruit intections. Do not apply within 30 days of harvest.	
APPLES (West Coast Area)	9.6 oz AS-50 per acre (equivalent to 60 ppm at 500 gal per acre).	Full bloom	Apply at petal fall and late secondary bloom. Continue to spray at 5-7 day intervals to maintain disease control but not later than 50 days before harvest.	
APPLES (Other Areas)	3-16 oz AS-50 per acre lequivalent to 50-100 ppm at 500 gal per acre).	Spray trees at 20-30% bloom.	Spray trees every 3-4 days during biossom time. Apply sprays after petal fall every 10-14 days to control lying bight. (This could mean an additional 6-8 applications after biossom sprays.) Do not apply within 50 days of harvest.	
PEARS (Other Areas)	p-16 oz AS-50 per acre (equivalent to 50-100 ppm at 500 gal per acre).	Spray trees at 20-30% bloom.	Spray trees every 3-4 days during biossom time. Apply sprays after petal fall every 10-14 days to control twig blight. (This could mean an additional 6-8 applier tions after biossom sprays.) Do not apply within 30 days of harvest.	

MIXING INSTRUCTIONS

	Quantity AS-50 in Ounces per Volume of Water				
Concentration Desired	50 gal	100 gal	500 gai ,	600 gal	
50 ppm	2/3	1 1/3	6 2/3	8 (1/2 lb)	
60 ppm	.8	1.6	8 (1/2 lb)	9.6	
100 ppm	1 1/3	2 2/3	13 1/3	16 (1 lb)	

Information regarding use of AS-50 may be obtained from your local Agricultural Extension Agent or State Experiment Station.

Applicators and other handlers must wear long-sieeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear, and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C). Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, 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.

ACCEPTED with COMMENTS In EPA Letter Dated

Under the Federal Insecticide, Fundicide, and Redesticide Act as amended, for the pesticide registered under EPA Reg. No. 618-100

Product 40005

Agricultural Streptomycin FOR CONTROL OF HALO BLIGHT OF BEANS

SEED TREATMENT AND CONTROL OF FIRE BLIGHT OF APPLES AND PEARS

KEEP OUT OF REACH OF CHILDREN

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS

May cause allergic reactions. Avoid contact with skin and eyes. Do not breathe dust or spray mist. Wear-ENVIRONMENTAL HAZARD

Keep out of lakes, ponds and streams. Do not contaminate water when disposing of equipment wash

Do not contaminate water, food or feed by storage or disposal.

Storage: Keep tightly closed. Storage should be at a cool temperature when possible, and with minimum

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an

approved waste disposal facility.

Disposal: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by state and local authorities. If drum is contaminated and cannot be reused, dispose of in the same

It is a violation of Federal law to use this product in a manner igconsistent with its labeling. Do not apply

this product through any type of irrigation system. add 2

The area being treated must be vacated by unprotected persons.

FARMWORKER NOTIFICATION: Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must include the dental exposure, wash with plenty of water

SEE SIDE PANELS FOR OTHER DIRECTIONS FOR USE AND MIXING INSTRUCTIONS

Net Contents: 25 lb (11.34 Kg)

Division of MERCK & CO., INC. Rahway, New Jersey 07065, U.S.A.

Made in U.S.A.

Do not apply this product in a way that will contact workers or other personal handlers may be in the area during application. For any requirements s responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker I contains requirements for the protection of workers on farms, forests, nurse contains requirements for training, decontamination, notification, and emerg and exceptions pertaining to the statements on this label about personal pro The requirements in this box only apply to uses that are covered by the Wor entry into treated areas during the restricted-entry interval (REI) of 12 hours permitted under the Worker Protection Standard and that involves contact w socks, and protective e or water is: coveralls, waterproof gloves, shoes

SEED TREATM CONTROL OF HALO BLIC **Directions for**

Accurate Seed Protection (For Control of Surface Infection) 1 - 5% amount

MIXING INSTRUC

Quantity A		
1 pt	1	
0.3 oz (9.5 g)	0.6 oz	
0.6 oz (19.0 g)	1 1/3 (
1.5 oz (47.5 g)	3.0 oz	
	1 pt 0.3 oz (9.5 g) 0.6 oz (19.0 g)	

NOTICE OF WARRANTY: The Directions for Use of this proc use and tests. The directions are believed to be reliable an impossible to eliminate all risks inherently associated with a or other unintended consequences may result because of of other materials, or the manner of use or application, all of or the Seller. Treatment may not be effective if tolerant strain be considered when treatment with this product proves ine

MSD AGVET warrants that this product conforms to the che lit for the purposes referred to in the Directions for the subj assumes all risks of use or handling which are at variance exclusive remedy shall be refund or replacement of any p MSD AGVET makes no other express or implied warrant express or implied warranty. In no case shall MSD AGV express or imputes warramy. In the case state was not a special or indirect damages resulting from the use or ha theory asserted, including negligence and/or strict liability and the buyer and user accept it, subject to the foregoing by agreement in writing signed by a duly authorized repre

EPA RES. NO. 618-100

EPA EST. 1007-IN-1

AS-50 REG TM MERCK & CO., INC.