

Agri-Mycin® 17

Agricultural Streptomycin



PRODUCT INFORMATION BULLETIN

Profile:

Agri-Mycin® 17 is an agricultural streptomycin designed to combat difficult diseases such as fire blight in apples, pears, tomatoes, peppers, celery, tobacco and labeled specialty applications.

Product Composition:

Streptomycin Sulfate: 22.4%
(equivalent to 17% streptomycin)

Features and Benefits:

- Protectant bactericide
- Suppresses fire blight in apples and pears
- Provides 3-4 days of dependable protection
- Active ingredient is agricultural streptomycin
- Easy on plants and animals
- Compatible with most pesticides

Mixing Instructions

Concentration Desired	Quantity Agri-Mycin® 17 Per Volume of Water		
	50 Gallons	100 Gallons	500 Gallons
ppm			
50	2 oz.	4 oz.	20 oz. (1 1/4 lbs.)
60	2.4 oz.	4.8 oz.	24 oz. (1 1/2 lbs.)
100	4 oz.	8 oz. (1/2 lb.)	40 oz. (2 1/2 lbs.)
200	8 oz. (1/2 lb.)	16 oz. (1 lb.)	80 oz. (5 lbs.)
*ppm = parts per million			

Useful Information

Packaging	Pre-Harvest Interval (PHI)	Restricted entry Interval (REI)	Personal Protective Equipment (PPE)
10 x 2 lbs case	Apples: 50 Days	12 Hours	• Coveralls, over long-sleeved shirt and long pants • Chemical resistant gloves made of any waterproof material • Shoes and chemical-resistant footwear
36 Cases Per Pallet	Pears: 30 Days		



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Application:				
Crop	Disease	Recommended Concentration or Rate	First Spray	Follow-up Spray Schedule
Celery (Florida area)	Bacterial Blight	220 ppm	Apply first spray when seedlings are in the 2-leaf stage, when first true leaves appear.	Apply at 4-5 day intervals. Continue applications until celery is transplanted in the field.
Tomatoes, Peppers	Bacteria Spot	220 ppm	Apply first spray when seedlings are in the 2- leaf stage, when first true leaves appear.	Apply at 4-5 day intervals. Continue applications until transplanted in the field.
Pears	Fire Blight	24-48 oz. / A / application (equivalent to 50-100 ppm at 600 gal/A)	Spray trees at 20-30% bloom	Spray trees every 3-4 days during blossom time. Apply sprays after petal fall every 10-14 days to control twig blight. (This could mean an additional 6-8 applications after blossom sprays). Do not apply within 30 days of harvest.
Pears (West Coast)	Fire Blight	28.8 oz. / A / application (equivalent to 50-100 ppm at 600 gal/A)	Spray trees at 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 infections. Do not apply within 30 days of harvest.
Apples (West Coast)	Fire Blight	28.8 oz. / A / application (equivalent to 50-100 ppm at 600 gal/A)	Spray trees at 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	Fire Blight	24-48 oz. / A / application (equivalent to 50-100 ppm at 600 gal/A)	Spray trees at 20-30% bloom	Spray trees every 3-4 days during blossom time. Apply sprays after petal fall every 10-14 days to control twig blight. (This could mean an additional 6-8 applications after blossom sprays). Do not apply within 30 days of harvest.
Potatoes	Soft Rot and Blackleg	100 ppm	Soak cut seed pieces in streptomycin solution for several minutes; plant as usual. (Additional fungicide applications recommended).	
Tobacco	Wildfire and Blue Mold	100 ppm 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	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 is recommended. Follow same schedule as above.	
***Refer to label for additional applications including Philodendron, Dieffenbachia cuttings, Chrysanthemums, Crown Gall Roses, home garden apple and pear trees and Pyracantha (fire thorn bush).				

Obtain complete information on this product from label instructions.
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