

2015-3313  
2015-08-27

GROUP	25	FUNGICIDE
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## **STREPTOMYCIN 17**

FUNGICIDE

COMMERCIAL

Wettable Powder

READ THE LABEL BEFORE USING  
KEEP OUT OF REACH OF CHILDREN.

REGISTRATION NO. 10305  
PEST CONTROL PRODUCTS ACT

GUARANTEE: Streptomycin Sulfate 25.2%  
(Equivalent to 17% min. Streptomycin activity)

IN CASE OF EMERGENCY DUE TO A MAJOR SPILL, FIRE OR POISONING  
INVOLVING THIS PRODUCT CALL DAY OR NIGHT, 1-800-561-8273

NET CONTENTS: 1 Kg

LOVELAND PRODUCTS CANADA INC.  
789 Donnybrook Drive  
Dorchester, Ontario  
N0L 1G5  
1-800-328-4678

## **DIRECTIONS FOR USE**

This product contains the antibiotic streptomycin. To reduce the development of drug-resistant bacteria and maintain the effectiveness of streptomycin and other antibacterial products in humans, this product should be used only when it is absolutely necessary to treat or prevent fire blight infection.

**DISEASE AND CROP:** Fireblight, Apples – Pears.

**Recommended Concentration:** 100 p.p.m. = 97 grams a.i. in 1000 L or 600 g of STREPTOMYCIN 17 Fungicide per 1000 L of water. Up to 5.4 kg of STREPTOMYCIN 17 Fungicide may be applied per hectare per crop season.

**DIRECTIONS FOR APPLICATION:** Begin spray application when trees at 20% to 30% bloom and repeat during blossom time. Apply spray up to 14 days after petal fall to control twig blight. Consult your local agricultural advisor or spray calendar regarding the timing of successive applications. Danger of spreading infection increases when the temperature is 18°C with rain or humidity of 60% or higher. Do not apply more than three times per season.

**Preharvest Interval: For Apples** – Do not apply within 50 days of harvest. **For Pears** – Do not apply within 30 days of harvest.

## **RESISTANCE MANAGEMENT RECOMMENDATIONS**

For resistance management, please note that STREPTOMYCIN 17 Fungicide contains a Group 25 fungicide/bactericide. Any fungal/bacterial population may contain individuals naturally resistant to STREPTOMYCIN 17 Fungicide and other Group 25 fungicides/bactericides. A gradual or total loss of pest control may occur over time if these fungicides/bactericides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide/bactericide resistance:

- Where possible, rotate the use of STREPTOMYCIN 17 Fungicide or other Group 25 fungicides/bactericides with different groups that control the same pathogens.
- Use tank mixtures with fungicide/bactericides from a different group when such use is permitted. Fungicide/bactericide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.
- Monitor treated fungal/bacterial populations for resistance development. If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product and switch to another fungicide/bactericide with a different target site of action, if available.

Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.

For further information and to report suspected resistance, contact Technical Service, Loveland Products Canada Inc., 1-800-328-4678 or at [www.uap.ca](http://www.uap.ca).

## **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Wear either a respirator with a NIOSH/MSHA/BHSE approved organic-vapour-removing cartridge with a prefilter approved for pesticides or a NIOSH/MSHA/BHSE approved canister approved for pesticides, chemical-resistant coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, socks and chemical-resistant footwear during mixing, loading, application, clean-up and repair. In addition, chemical-resistant headgear must be worn during application for overhead exposure except when handlers are in an enclosed cab.

## **RESTRICTED ENTRY INTERVAL**

Entry into treated fields is prohibited for 24 hours following application. Hand thinning is prohibited for 14 days following application. When entering treated areas within 7 days of application to perform activities that involve contact with treated plants, soil or water, the following personal protective equipment must be worn: chemical-resistant coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, chemical-resistant headgear for overhead exposure, socks and chemical-resistant footwear.

## **PRECAUTIONS**

### **KEEP OUT OF REACH OF CHILDREN.**

May cause allergic skin reaction. Avoid contact with skin and eyes. Do not breathe dust or spray mist. Wash thoroughly after handling. This material is nonsterile, suitable denatured, commercial grade antibiotic formulation, intended for agricultural use in control of plant diseases. **DO NOT APPLY BY AIR.**

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at: [www.croplife.ca](http://www.croplife.ca).

## **ENVIRONMENTAL HAZARDS**

This product is toxic to algae. **DO NOT** apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands), estuarine/marine habitats. **DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

## **FIRST AID**

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

**Ingestion:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so

by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**Inhalation:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

## **TOXICOLOGICAL INFORMATION**

Treat symptomatically.

## **DISPOSAL**

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

## **NOTICE TO USER**

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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