

This is a specimen label, intended for use only as a guide in providing general information regarding use of this product. As labels are subject to revision, always carefully read and follow the label on the product container.

# FireWall™

Fungicide/Bactericide **50WP**

STREPTOMYCIN	GROUP	25	FUNGICIDE
--------------	-------	----	-----------

**Fungicide/Bactericide**  
**Agricultural Streptomycin**

**Active Ingredient:**

Streptomycin Sulfate* .....	65.80%
<b>Other Ingredients</b> .....	<u>34.20%</u>
	100.00%

\*Equivalent to 50% streptomycin

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

**See Side/Back Panel for Additional Precautionary Statements, First Aid and Directions for Use**



EPA Reg. No 80990-3  
EPA Est. No. 65387-AR-2

AgroSource, Inc.  
P.O. Box 3091  
Tequesta, Florida 33469

NOTICE: Read the entire Directions for Use and Conditions for Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened and undamaged, and the purchase price will be refunded.

**NET CONTENTS:**

FIRST AID	
<b>If On Skin or Clothing:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If In Eyes:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact InfoTrac at 1-800-535-5053 for emergency medical treatment information.	

#### PRECAUTIONARY STATEMENTS

##### Hazards to Humans & Domestic Animals

**CAUTION:** Avoid contact with skin, eyes or clothing. Harmful if absorbed through skin. Causes moderate eye irritation. Do not breathe dust or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. This material is not to be used for medical, veterinary or human purposes.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt
- Long pants
- Chemical-resistant gloves made of waterproof material
- Shoes plus socks
- Protective eyewear
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-84A) or a NIOSH approved particulate respirator with any N, R, or P filter.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washable exists, 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.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### ENVIRONMENTAL HAZARDS

This product may be hazardous to aquatic plants. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes.

Attention: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**Restrictions:** Do not apply this product by aircraft. Do not apply this product through any type of irrigation system. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**Application Precaution:** This product contains the antibiotic streptomycin. To reduce the development of drug-resistant bacteria and maintain the effectiveness of this and other antibacterial products, this product should be used only to treat or prevent infections that are proven or strongly suspected to be caused by bacteria.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box apply to uses that are covered by the Worker Protection Standard.

**Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.** Exception: Once seeds are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the soil/media subsurface.

For early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of a waterproof material
- Shoes plus socks
- Protective eyewear

**Resistance Management Statements:** FireWall™ 50 WP fungicide/bactericide contains a Group 25 fungicide/bactericide. Fungal isolates/bacterial strains with acquired resistance to Group 25 may eventually dominate the fungal/bacterial population if Group 25 fungicides/bactericides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by FireWall™ 50 WP fungicide/bactericide or other Group 25 products.

To delay fungicide/bactericide resistance consider:

- Avoiding the consecutive use of FireWall™ 50 WP fungicide/bactericide or other target site of action Group 25 fungicides/bactericides that have a similar target site of action, on the same pathogens.
- Use tank-mixtures or premixes with fungicides/bactericides from different target site of action Groups as long as the involved products are all registered for the same use and are both effective at the tank mix or prepack rate on the pathogen(s) of concern.
- Basing fungicide/bactericide use on a comprehensive IPM program.
- Monitoring treated fungal/bacterial populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for fungicide/bactericide resistance management and/or IPM recommendations for specific crops and resistant pathogens.

#### Crop Use Directions

##### - Vegetable Crops

Crop	Disease (Pathogen)	FireWall™ 50 Application Rate	Use Directions	Restrictions
Celery (Florida Area)	Bacterial Blight ( <i>Pseudomonas cichorii</i> )	1.36 oz. per 25 gal. (0.056 lbs. a.i.) applied to 10,000 ft <sup>2</sup>	<u>Seedlings in Greenhouse<sup>†</sup></u> : Apply first spray when seedlings are at 2-leaf stage, when first true leaves appear.	Minimum retreatment interval: 4 days.  Maximum number of applications per year: 6  Not for Use in California
Peppers	Bacterial Spot ( <i>Xanthomonas campestris</i> pv <i>vesicatoria</i> )	1.36 oz. per 25 gal. (0.056 lbs. a.i.) applied to 10,000 ft <sup>2</sup>	<u>Seedlings in Greenhouse<sup>†</sup></u> : Apply first spray when seedlings are at 2-leaf stage, when first true leaves appear.	Minimum retreatment interval: 4 days.  Maximum number of applications per year: 6  Not for Use in California
Potatoes	Soft Rot ( <i>Erwinia carotovora</i> subsp. <i>atroseptica</i> )  Blackleg ( <i>Erwinia carotovora</i> subsp. <i>carotovora</i> )	0.68 oz. per 25 gal. (0.028 lbs. a.i.) drench solution	Pre-Plant: Soak cut seed pieces in solution for several minutes; plant as usual. NOTE: A suitable fungicide (such as Maxim® Potato Seed Protectant or Maxim® MZ Potato Seed Protectant) should be used as an adjunct to this treatment for the control of fungal diseases associated with potato seed pieces.	Do not retreat seed.  Not for Use in California
Tomatoes	Bacterial Spot ( <i>Xanthomonas campestris</i> pv <i>vesicatoria</i> )  Bacterial speck ( <i>Pseudomonas syringae</i> pv <i>tomato</i> )  Bacterial canker ( <i>Clavibacter michiganensis</i> pv <i>michiganensis</i> )	<u>Greenhouse<sup>†</sup></u> : 1.36 oz. per 25 gal. (0.056 lbs. a.i.) applied to 10,000 ft <sup>2</sup>	<u>Seedlings in Greenhouse<sup>†</sup></u> : Apply first spray when seedlings are in the 2-leaf stage, when first true leaves appear.	Minimum retreatment interval: 4 days.  Maximum number of applications per year: 6  Not for Use in California

<sup>†</sup>Or similar type structure

##### - Tree Fruit Crops

Crop	Disease (Pathogen)	FireWall™ 50 Application Rate	Use Directions	Restrictions
Apples	Fire Blight ( <i>Erwinia amylovora</i> )	8 – 16 oz. (0.34 lbs. – 0.67 lbs. a.i.) per acre per application	Begin spraying trees at 20%-30% bloom, according to risk potential based on fire blight forecasting model and advice from extension and/or professional crop advisor. For control of fire blight after hail/wind damage ("trauma blight"), spray within 24 hours after injury event.	Do not apply within 50 days of harvest.  Minimum retreatment interval: 3 days.  Maximum number of applications per year: 9  Not for Use in California

- Tree Fruit Crops (Cont.)

Crop	Disease (Pathogen)	FireWall™ 50 Application Rate	Use Directions	Restrictions
Apples (California)	Fire Blight ( <i>Erwinia amylovora</i> )	9.6 oz. (0.40 lbs. a.i.) per acre per application	Spray trees at full bloom. Apply at petal fall and late secondary bloom according to risk potential based on fire blight forecasting model and advice from extension and/or professional crop advisor. For control of fire blight after hail/wind damage ("trauma blight"), spray within 24 hours after injury event.	Do not apply within 50 days of harvest.  Minimum retreatment interval: 5 days.  Maximum number of applications per year: 9
Pears	Fire Blight ( <i>Erwinia amylovora</i> )	8 – 16 oz. (0.34 lbs. – 0.67 lbs. a.i.) per acre per application	Begin spraying trees at 20%-30% bloom according to risk potential based on fire blight forecasting model and advice from extension and/or professional crop advisor. For control of fire blight after hail/wind damage ("trauma blight"), spray within 24 hours after injury event.	Do not apply within 30 days of harvest.  Minimum retreatment interval: 3 days.  Maximum number of applications per year: 9  Not for Use in California
Pears (California)	Fire Blight ( <i>Erwinia amylovora</i> )	9.6 oz. (0.40 lbs. a.i.) per acre per application	Spray trees at 10% bloom until all late bloom is over according to risk potential based on fire blight forecasting model and advice from extension and/or professional crop advisor. For control of fire blight after hail/wind damage ("trauma blight"), spray within 24 hours after injury event.	Do not apply within 30 days of harvest.  Minimum retreatment interval: 5 days.  Maximum number of applications per year: 9

- Ornamentals

Crop	Disease (Pathogen)	FireWall™ 50 Application Rate	Use Directions	Restrictions
Berberis, Carnation, Forsythia, Geranium, Hedera (Ivy), Impatiens, Lonicera (Honeysuckle), Philadelphus, Poinsetta, Rudbeckia (Black-eyed Susan), Salvia, Syringa, Viburnum	Bacterial Leaf Spot, Bacterial Leaf Rot, Bacterial Blight ( <i>Pseudomonas</i> and <i>Xanthomonas</i> spp.)	1.36 oz. per 25 gal. (0.056 lbs. a.i.) in drench solution	Apply at first signs of water-soaked areas on leaf. For curative action, remove all rotted leaves from plant and then spray.	Minimum retreatment interval 4 days.  Maximum number of applications per year: 6.  Not for Use in California
Chrysanthemums	Bacterial Wilt ( <i>Erwinia chrysanthemi</i> ), Bacterial Blight ( <i>Pseudomonas solanacearum</i> )	0.34 oz. per 25 gal. (0.014 lbs. a.i.) in drench solution	Soak plant cuttings in solution for 4 hours; plant as usual.	Do not retreat.  Not for Use in California
Hydrangea	Bacterial Blight ( <i>Pseudomonas solanacearum</i> ) Bacterial Leaf Spot ( <i>Pseudomonas cichorii</i> )	0.34 oz. per 25 gal. (0.014 lbs. a.i.) in drench solution	Soak plant cuttings in solution for 4 hours; plant as usual.	Do not retreat.  Not for Use in California

- Ornamentals (Cont.)

Dieffenbachia Cutting	Bacterial Stem Rot ( <i>Erwinia chrysanthemi</i> , <i>Erwinia carotovora</i> pv <i>carotovora</i> )	1.36 oz. per 25 gal. (0.056 lbs. a.i.) in drench solution	Soak cuttings in solution for 20 minutes. Plant cuttings in sterilized rooting medium.	Do not retreat.  Not for Use in California
		0.68 oz. per 25 gal. (0.028 lbs. a.i.) applied to 5,000 ft <sup>2</sup>	Apply as foliar application to check spread of stem rot in stock plants.	Minimum retreatment interval 5 days.  Maximum number of applications per year: 6.  Not for Use in California
Philodendron	Bacterial Leaf Spot, Bacterial Leaf Rot ( <i>Xanthomonas campestris</i> ), Bacterial Blight ( <i>Pseudomonas</i> and <i>Xanthomonas</i> spp.)	1.36 oz. per 25 gal. (0.056 lbs. a.i.) applied to 10,000 ft <sup>2</sup>	Apply as foliar application at first signs of water-soaked areas on leaf. If disease has spread, remove all rotted leaves from plant before spraying.	Minimum retreatment interval: 4 days.  Maximum number of applications per year: 6  Not for Use in California
Roses	Crown Gall ( <i>Agrobacterium</i> spp.)	1.36 oz. per 25 gal. (0.056 lbs. a.i.) in drench solution	Remove infected plant. Cut out gall tissue. Soak the plant root system and put surfaces of the infected area in solution for 15 minutes. Replant in soil free of the crown gall organism.	Do not retreat.  Not for Use in California
		0.34 oz. per 25 gal. (0.014 lbs. a.i.) applied to 3,000 ft <sup>2</sup>	Use once as watering solution. Follow with foliar sprays.	Minimum retreatment interval: 7 days.  Maximum number of applications per year: 6.  Not for Use in California

- Row Crops

Crop	Disease (Pathogen)	FireWall™ 50 Application Rate	Use Directions	Restrictions
Tobacco	Wildfire and Blue Mold ( <i>Peronospora tabacina</i> )	Before plants are set in the field:	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 until plants are set in the field. Additional protection may be obtained by spraying field plants.	Minimum retreatment interval: 5 days.  Maximum number of applications per year: 4.  Not for Use in California
		For preventative action: 0.68 oz./25 gal. (0.028 lbs. a.i.) applied to 5,000 ft. <sup>2</sup>		Minimum retreatment interval: 7 days.  Maximum number of applications per year: 6
		For curative action: 1.36 oz./25 gal. (0.056 lbs. a.i.) applied to 5,000 ft. <sup>2</sup>		Not for Use in California
		After plants are set in field: 5.4 oz. (0.22 lbs. a.i.)/A	In locations where wildfire mold has been a problem in recent years or where applications have been delayed until the disease appears, a foliar spray of FireWall™ 50 WP at the rate of 5.4 oz. per 100 gallons is recommended.	Minimum retreatment interval: 7 days.  Maximum number of applications per year: 6  Not for Use in California

- Residential Garden

Crop	Disease (Pathogen)	FireWall™ 50 Application Rate	Use Directions	Restrictions
Apple Trees, Pear Trees, Pyracantha (Fire Thorn Bush) (California)	Fire Blight ( <i>Erwinia amylovora</i> ) of the Rosaceae	0.68 oz. per 25 gal. (0.028 lbs. a.i.) applied to 3,000 ft <sup>2</sup>	Apply as foliar sprays beginning at start of blossoming period. Continue spray applications during bloom period. Post bloom, continue to apply when weather conditions favor spread of fire blight.	<p>Minimum retreatment interval during bloom: 3 days.</p> <p>Minimum retreatment post-bloom: 5 days.</p> <p>Do not apply after fruit is visible.</p> <p>Maximum number of applications per year: 6</p> <p>Residential garden users should use personal protective equipment (PPE):</p> <ul style="list-style-type: none"> <li>▪ Long-sleeved shirt</li> <li>▪ Long pants</li> <li>▪ Chemical resistant gloves made of a waterproof material</li> <li>▪ Shoes plus socks</li> <li>▪ Protective eyewear</li> <li>▪ NIOSH particulate respirator with an N, R or P, approval prefix TC-84-C.</li> </ul> <p>Observe a restricted entry interval of 12 hours.</p>

Additional information regarding use of FireWall™ 50 WP fungicide/bactericide may be obtained from your local Agricultural Extension Agent or State Experimental Station.

Use of FireWall™ 50 WP fungicide/bactericide may cause phytotoxicity to the fruit and/or foliage of sensitive varieties of pears and apples.

**STORAGE AND DISPOSAL**

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

**Storage:** Keep tightly closed and sealed. Product is moisture, temperature and light sensitive. Product is hygroscopic so protect from moisture. Store in a cool (<77°F, 25°C), dry place away from heat and open flames with minimum exposure to the atmosphere. Avoid extremes in temperature.

**Pesticide Handling:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Handling: Non-refillable Container.** Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill, by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials, resistant strains or other influencing factors in the use of the product, which are beyond the control of AGROSOURCE, INC. or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold AGROSOURCE, INC. and Seller harmless for any claims relating to such factors.

AGROSOURCE, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or AGROSOURCE, INC., and Buyer and User assume the risk of any such use. AGROSOURCE, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall AGROSOURCE, INC. or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF AGROSOURCE, INC. AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF AGROSOURCE, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT.

AGROSOURCE, INC. and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of sale and limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of AGROSOURCE, INC.

FireWall is a trademark of AgroSource, Inc.  
 Manufactured in the U.S.A. by AgroSource, Inc.  
 ©2019 AgroSource, Inc. All rights reserved