

# Agri-Mycin® 17

## Agricultural Streptomycin

**ACTIVE INGREDIENT:**

Streptomycin Sulfate (Equivalent to 17% streptomycin).....22.4%

**OTHER INGREDIENTS:** .....77.6%

**TOTAL:** .....100.0%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL  
PRECAUTIONARY STATEMENTS

For Chemical Spill,  
Leak, Fire, or Exposure,  
Call CHEMTREC  
(800) 424-9300  
For Medical  
Emergencies Only,  
Call (877) 325-1840

EPA REG. NO. 55146-96

Manufactured for  
Nufarm Americas Inc.  
AGT Division  
150 Harvester Drive  
Burr Ridge, IL 60527



| <b>FIRST AID</b>  |  |
|---|--|
| <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 to 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 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul> |
| This material is not to be used for medical, veterinary, or human purposes.   |  |
| <b>HOT LINE NUMBER</b>  |  |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information. |  |

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION**

Harmful if absorbed through skin. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not breathe dust or spray mist. Avoid contact with eyes, skin, or clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material, shoes plus socks and a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC -21C), or a NIOSH approved respirator with any N , R, P or HE filter. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, 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 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 when disposing of equipment washwater.

**DIRECTIONS FOR USE**

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

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.

**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 intervals. The requirements in this box only apply to uses of this product 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.**

PPE required 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, is: coveralls over long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material, a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC -21C), or a NIOSH approved respirator with any N , R, P or HE filter, and chemical-resistant footwear plus socks.

**MIXING INSTRUCTIONS**

| Concentration Desired | Quantity of Product Per Volume of Water |           |           |
|-----------------------|---|-----------|-----------|
|                       | 50 gals.                                | 100 gals. | 500 gals. |
| ppm*                  |   |           |           |
| 50                    | 2.0 oz                                  | 4.0 oz    | 20.0 oz   |
| 60                    | 2.4 oz                                  | 4.8 oz    | 1.5 lbs   |
| 100                   | 4.0 oz                                  | 0.5 lbs   | 2.5 lbs   |
| 200                   | 0.5 lbs                                 | 1.0 lbs   | 5.0 lbs   |

\*ppm = parts per million.

| DISEASE AND CROP  | CONCENTRATION OR RATE | FIRST SPRAY   | FOLLOW-UP SPRAY SCHEDULE   |
|---|-----------------------|---|--|
| <b>Bacterial Blight</b><br>Celery<br>(Florida)  | 200 ppm               | Apply first spray when seedlings are in the 2-leaf stage, when first true leaves appear.  | Apply at 4 to 5 day intervals.<br>Continue applications until celery is transplanted in the field. |
| <b>Bacterial Leaf Spot, Bacterial Leaf Rot Bacterial Blight caused by <i>Pseudomonas</i> and <i>Xanthomonas</i> spp.</b><br>ORNAMENTALS: Berberis, Carnation, Forsythia, Geranium, Hedera (ivy), Hydrangea, Impatiens, Lonicera (honeysuckle), Philadelphus, Philodendron, Poinsetta, Rudbeckia (Black-eyed susan), Salvia, Syringa, and Viburnum | 200 ppm               | Apply as preventive or at first signs of water-soaked areas on leaf.  | Apply every 4-5 days.  |
|   | For curative action   | Remove all rotted leaves from plant and then spray at 200 ppm every 4 days.   |  |
| <b>Bacterial Spot Bacterial Speck</b><br>Tomatoes, Peppers  | 200 ppm               | Apply first spray when seedlings are in the 2-leaf stage, when first true leaves appear.  | Apply at 4 to 5 day intervals.<br>Continue applications until transplanted in the field.           |
| <b>Bacterial Stem Rot</b><br>Dieffenbachia Cuttings   | 200 ppm               | Soak cuttings in streptomycin solution for 20 minutes.<br>Plant cuttings in sterilized rooting medium.  |  |
|   | 100 ppm               | To check spread of stem rot in stock plants, use 100 ppm streptomycin spray every 5 - 7 days.   |  |
| <b>Bacterial Wilt caused by <i>Pseudomonas solanacearum</i></b><br>ORNAMENTALS: Chrysanthemums, Hydrangea   | 50 ppm                | Soak plant cuttings in streptomycin solution for 4 hours; plant as usual.   |  |
| <b>Crown Gall</b><br>ORNAMENTALS: Roses, Lonicera (honeysuckle)   | 200 ppm               | Remove infected plant. Cut out gall tissue.<br>Soak the plant root system and cut surfaces of the infected area in streptomycin solution for 15 minutes.<br>Replant in soil free of the crown gall organisms. |  |
|   | 50 ppm                | Use 50 ppm streptomycin in watering solution and in foliar sprays applied weekly starting one week after planting as an adjunct to this treatment.  |  |

| <b>DISEASE AND CROP</b>  | <b>CONCENTRATION OR RATE</b>   | <b>FIRST SPRAY</b>  | <b>FOLLOW-UP SPRAY SCHEDULE</b>   |
|--|--|---|---|
| <b>Fire Blight</b><br>Pears  | 24-48 oz. of this product per acre per application (equivalent to 50-100 ppm at 600 gallons/A)     | Spray trees at 20 - 30% bloom.  | Spray trees every 3 - 4 days during blossom time.<br>Apply sprays after petal fall every 10 - 14 days to control twig blight. (This could mean an additional 6 - 8 applications after blossom sprays.)<br>Do not apply within 30 days of harvest. |
| <b>Leaf Spot or Soft Rot caused by <i>Erwinia</i> spp.</b><br>ORNAMENTALS: Calla Lily, Gladiolus, Orchid,              | 8 - 16 oz. of this product per 100 gallons (equivalent to 100 - 200 ppm)                           | First Sign of water-soaked areas on leaves  | Apply as foliar preventive treatment. Apply every 4 - 7 days depending on disease pressure.   |
|  |  | Pre-plant   | Apply as a postharvest, pre-plant dip or spray onto exposed bulbs.  |
|  |  | Post-plant, Pre-emergence   | Apply as a post-plant, pre-emergent drench at a rate of 3 - 4 ounces solution per 6 inch pot or 3 - 4 ounces of solution per setting in the field.  |
| <b>Fire Blight of Rosaceae</b><br>HOME GARDEN Apple & Pears Trees<br>ORNAMENTALS: Amelanchier, Cotoneaster, Pyracantha | 100 ppm  | Apply streptomycin in foliar and blossom sprays.<br>Apply first spray at start of blossoming period. Continue spray application every 3-4 days during blossom time.<br>Apply additional sprays every 5 - 7 days after blossom period when weather favors spread of fire blight.<br>Do not apply after fruit is visible.                       |   |
| <b>Fire Blight</b><br>Pears<br>(CA, OR, and WA)  | 28.8 oz. of this product per acre per application (equivalent to 60 ppm at 600 gallons/A)          | 10% bloom   | Repeat at 5 day intervals until all late bloom is over. (This could mean 12 - 15 applications.)<br>Continue to spray at 5 to 7 day intervals to control shoot and fruit infections.<br>Do not apply within 30 days of harvest.                    |
| <b>Fire Blight</b><br>Apples   | 24 - 48 oz. of this product per acre per application (equivalent to 50 - 100 ppm at 600 gallons/A) | Spray trees at 20 - 30% bloom   | Spray trees every 3 - 4 days during blossoms time.<br>Apply sprays after petal fall every 10 -14 days to control twig blight. (This could mean an additional 6-8 applications after blossom sprays.)<br>Do not apply within 50 days of harvest.   |
| <b>Soft Rot and Blackleg</b><br>Potatoes   | 100 ppm  | Soak cut seed pieces in streptomycin solution for several minutes; plant as usual.<br>Note: A suitable fungicide (such as Maxim® Potato Seed Protectant, Maxim MZ Potato Seed Protectant, Captan, or a dithiocarbamate) should be used as an adjunct to this treatment for the control of fungal diseases associated with potato seed pieces. |   |
| <b>Wildfire and Blue Mold</b><br>Tobacco   | 100 ppm for preventive 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 to 7 day intervals until plants are set in the field.<br>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 wildlife has been a problem in recent years or where applications have been delayed until disease appears, a spray of 200 ppm streptomycin is recommended. Follow the same schedule as above.  |   |

Additional information regarding use of this product may be obtained from your local Agricultural Extension Agent or State Experimental Station.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Keep tightly closed. Store at a cool temperature when possible and with minimum exposure to the atmosphere.

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

### CONTAINER HANDLING:

[Nonrefillable bags of granular or dry formulation]

**Nonrefillable 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 or by incineration. Do not burn unless allowed by state and local ordinance. If burned stay out of smoke.

[Nonrefillable Containers 5 Gallons or Less]

**Nonrefillable container.** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration. Do not burn unless allowed by state and local ordinance. If burned stay out of smoke.

[Nonrefillable containers larger than 5 Gallons]

**Nonrefillable container.** Do not reuse or refill this container. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration. Do not burn unless allowed by state and local ordinance. If burned stay out of smoke.

## WARRANTY DISCLAIMER

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