Crisis Declaration by Commissioner Adam Putnam Allows Use of Bactericides as Foliar Treatments in Florida Citrus

March 4, 2016

The Florida Commissioner of Agriculture, the Honorable Adam Putnam has exercised his authority under the Emergency Exemptions provisions of FIFRA to declare a crisis that will allow use of the antibiotics; Streptomycin Sulfate (FireWall™ 50WP, AgroSource, Inc), Oxytetracycline Hydrochloride (FireLine™ 17WP, AgroSource, Inc), and Oxytetracycline Calcium Complex (Mycoshield®, Nufarm Americas, Inc) in foliar applications to enhance the overall tree health of Huanglongbing infected trees in Florida citrus groves. Florida growers can use any of the three products allowed for use once the Crisis declaration is issued (as limited by the specific conditions of use for the individual product) until the Environmental protection Agency completes its review of the specific exemption petition submitted by FDACS December 4, 2015 (at the request of FFVA and its subsidiary TPR, Inc. on behalf of the Citrus Industry). The need to move forward at this time with the crisis declaration is due to the unseasonably warm period we are experiencing triggering the flush and bloom of citrus. For maximum potential efficacy these products need to be applied during maximum flush of young leaves at the appropriate use rate and finished spray volume to ensure coverage of the young foliage.

Use of these three products during the crisis period and while the EPA continues its review of the pending specific exemption request will be governed by the conditions described in the Declaration letter to EPA from Commissioner Putnam (letter is attached). These use restrictions were based on the draft proposed labels (also attached) included in the package submitted to the agency. Growers who use these products during the crisis period and beyond must have copies of the crisis declaration letter, the existing Federal label for the registered products and the section 18 label authorizing use in the state of Florida (once finalized with the issuance of the section 18 by the Agency). These documents should be available from the distributor where the product is purchased. During the crisis period the draft labels under consideration by the agency will be available and used as a guide for the use of each product. Attached to this notice is a use label comparison of the three products that provide a side-by-side comparison of the label conditions contained on those draft labels. **This document is not a substitute for the EPA and FDACS approved labels.**

Growers should be especially diligent in their use of these products and recognize the importance of maintaining the rotational aspects and the use conditions concerning worker re-entry and pre-harvest intervals. For additional information, if needed, please contact either the registrants of the products, AgroSource, Inc.-- FireWall 50 WP and Fireline 17 WP (Bo Meador, Florida Sales Representative Cell Phone (863) 673-0727), and Nufarm Americas, Inc.-- Mycoshield (Craig Noll 239 691 8060 - Craig.Noll@us.nufarm.com, Danielle Larochelle - 919 379 2530 Danielle.Larochelle@us.nufarm.com, or Bob Bruss - 919 379 2513 - Bob.Bruss@us.nufarm.com) or FFVA/TPR, Inc., Daniel Botts, daniel.botts@ffva.com or Michael Aerts, mike.aerts@ffva.com or by telephone at (321) 214-5222.
Attachments:

Crisis Declaration Letter, Commissioner Adam Putnam to EPA, March 4, 2016

Draft Proposed Section 18 Exemption Labels

  FireLine 17 WP
  Firewall 50 WP
  Mycoshield

Use Comparison Table, FFVA/TPR, Inc., March 4, 2016
March 4, 2016

Ms. Tawanda Maignan, Team Leader
Emergency Response Team
Risk Integration, Minor Use and
Emergency Response Branch
U.S. Environmental Protection Agency
Office of Pesticide Programs (7505P)
Room S4900, One Potomac Yard
2777 Crystal Drive
Arlington, Virginia 22202

Dear Ms. Maignan:

Utilizing my crisis exemption authority as provided under FIFRA Section 18 and Part 166.40 of
Title 40 of the Code of Federal Regulations, I hereby declare a crisis exemption for the use of
streptomycin sulfate (FireWall 50 WP), oxytetracycline hydrochloride (FireLine 17 WP) and
oxytetracycline calcium complex (Mycoshield) to control Candidatus Liberibacter asiaticus
(CLAs) bacterium, the cause of citrus greening disease, in Florida citrus.

Name of Chemical:

Active ingredient(s):

- Streptomycin sulfate
- Oxytetracycline hydrochloride
- Oxytetracycline calcium complex

Product Name(s) and EPA Reg. No(s.):

<table>
<thead>
<tr>
<th>Product</th>
<th>EPA Reg. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FireWall 50 WP</td>
<td>80990-3</td>
</tr>
<tr>
<td>FireLine 17 WP</td>
<td>80990-1</td>
</tr>
<tr>
<td>MycoShield</td>
<td>55146-97</td>
</tr>
</tbody>
</table>

Chemical Abstract Service (CAS) Number/PC Code:

- Streptomycin sulfate (3810-74-0)
- Oxytetracycline hydrochloride (2058-46-0)
- Oxytetracycline calcium complex (7179-50-2)
Site or Crop on Which the Chemical is to be Used, or is being Used:

These chemicals are to be applied to up to 388,534 acres of citrus [grapefruit, lemon, lime, orange, tangelo, tangerine, citrus citron, kumquat, and hybrids of these plus pummelo].

Use Information:

Method of Application:

Each of these products will be applied by ground (airblast) equipment

Rate of Application:

Streptomycin sulfate- 0.45 pounds active ingredient per acre per application; 0.69 pounds of formulated FireWall 50WP per acre per application

Oxytetracycline hydrochloride- 0.27 pounds of active ingredient per acre per application; 1.5 pounds of formulated FireLine 17 WP per acre per application

Oxytetracycline calcium complex- 0.255 pounds of active ingredient per acre per application; 1.5 pounds of formulated Mycoshield per acre per application

Note: For oxytetracycline, regardless of formulation, the total amount of oxytetracycline applied per acre will not exceed 2.04 oxytetracycline base

Maximum Number of Applications:

FireWall 50 WP- Three applications per 12 month period
FireLine 17 WP- Three applications per 12 month period
Mycoshield- Eight applications per 12 month period

Application Restrictions:

FireWall 50 WP

Pre-harvest Interval (PHI): 40 days
Minimum interval between applications: 21 days
Maximum streptomycin sulfate allowed per crop season: 2.07 pounds of formulated FireWall 50 WP per acre per year (1.35 pounds active ingredient)
FireLine 17 WP
   Pre-harvest Interval (PHI): 40 days
   Minimum interval between applications: 21 days
   Maximum oxytetracycline hydrochloride allowed per crop season: 4.5 pounds of formulated FireLine 17WP per acre per year (0.81 pounds active ingredient)

MycoShield
   Pre-harvest Interval (PHI): 21 days
   Minimum interval between applications: 21 days
   Maximum oxytetracycline calcium complex allowed per crop season: 12 pounds of formulated Mycoshield per acre per year (2.04 pounds oxytetracycline base).

Other Pertinent Information:

   All applicable directions, restrictions, prohibitions and precautions on the Section 3 label will be followed.

Personal Protective Equipment (PPE):
   Applications must be made with enclosed cabs.
   If enclosed cabs are not feasible, “headgear” ensuring full coverage of the neck must be worn.

Dates that Applications Started or Will Begin and End:

   This crisis authority is effective beginning March 4, 2016.

Estimate of Level of Residues of the Chemical Expected to Result from Use under the Crisis Exemption:

   Streptomycin - An action level of 2 parts per million (ppm) on citrus fruit and 6 ppm on dried citrus pulp is being requested for this use.

   Oxytetracycline - An action level of 0.4 ppm on all citrus commodities is being requested for this use.
Discussion of the Emergency Situation and Any Other Pertinent Information Currently Available, Including Explanation of Why There Was Insufficient Time to Request a Specific or Quarantine Exemption, and Whether a Specific or Quarantine Exemption Will be Requested:

In 2005, citrus greening disease was found to be present in Florida. This disease is caused by the pathogen Candidatus Liberibacter asiaticus and is spread by the Asian citrus psyllid (Diaphorina citri Kuwayama), which is an invasive pest to Florida, first discovered in 1998. HLB is considered to be the most serious disease of citrus worldwide and has greatly limited commercial production of citrus in countries where it is present. Since its discovery in Florida, this disease has rapidly spread throughout citrus production area to all commercial production areas in the state.

Since this disease’s appearance, citrus production has been compromised with the loss of millions of trees, and HLB has subsequently been detected in every county with commercial citrus and in residential dooryard citrus as well. Trees infected with HLB will continuously decline and eventually die, even when incorporating all management options available to the industry at this time. The severity of HLB and declining tree health far exceeds that of any previously known citrus disease, and all citrus species and their hybrids are confirmed to be affected by HLB. Infected trees first produce leaf symptoms; typically leaf yellowing on one or more branches, then leaves develop a blotchy (irregular spotted) appearance with grades of color. Infected trees typically also show symptoms that resemble micronutrient deficiency, especially, zinc and manganese. Fruit set becomes thin, fruit appear lopsided, the lopsided fruit may contain aborted seeds, and juice quality is unacceptable.

Impacts from HLB are numerous. On infected trees, fruit are few in number, small, lopsided with a curved central core, and they fail to color properly, remaining green at the stalar end (hence the name “greening”). Excessive fruit drop occurs prematurely on afflicted trees, and this has been reported in the past three harvest seasons in Florida to exceed 10 percent per season across all varieties. Even if fruit remain on the tree until harvest, the fruit are undersized and contain bitter juice, rendering it of reduced economic value.

HLB disease and the lack of any tree health improvement antibiotic has already pushed untold numbers of farmers out of the industry. Between 2004 and 2014, the amount of Florida land planted with citrus shrunk by nearly one-third, from 748,555 acres down to 515,147 acres (USDA, FASS). During that same timeframe, overall citrus production in the state dropped from 292 million boxes of fruit down to 124 million boxes (a 58% reduction). Average orange yields sunk from 428 boxes per acre in 2004 down to 250 boxes an acre in 2014 (a 42% reduction), despite the higher-density new plantings of orange trees, almost solely resulting from HLB infection.
The Department submitted a specific exemption petition to the Agency on December 4, 2015. It is our understanding that the petition is currently under review. However, the time for growers to make these applications is now, as our citrus is currently flushing and will commence blooming soon. This is the opportune time to make these antimicrobial applications to achieve the greatest level of uptake and control. Delay could potentially push the application until after flush which would render these applications less effective.

Please send any correspondence on this declaration to: Mr. Charlie L. Clark, Environmental Administrator, Pesticide Registration Review Section, Bureau of Scientific Evaluation and Technical Assistance, Division of Agricultural Environmental Services, 3125 Conner Boulevard, Building #6, Tallahassee, Florida 32399-1650, Phone 850-617-7940, e-mail: Charlie.clark@freshfromflorida.com.

Sincerely,

Adam H. Putnam
Commissioner of Agriculture

AHP/cc

Attachment
SECTION 18 EMERGENCY EXEMPTION FOR THE USE OF FIRELINE™ 17 WP TO MANAGE HLB ON CITRUS IN FLORIDA

FireLine™ 17 WP
Fungicide/Bactericide
Agricultural Oxytetracycline

For Distribution and Use Only in the State of Florida

THESE USE DIRECTIONS MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF PESTICIDE APPLICATION

GROUP 41 FUNGICIDE

EXPIRATION DATE: TBD

Active Ingredient: Oxytetracycline Hydrochloride .................................................. 18.30% *
Related Compounds .................................................................................................. 0.17%
Other Ingredients ...................................................................................................... 81.53%
*Equivalent to 17% oxytetracycline

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.)

Manufactured by:
AgroSource, Inc.
P.O. Box 3091
Tequesta, FL 33469

EPA File Symbol No. TBD
EPA Est. No. 39578-TX-1
EPA Reg. No. 80990-1

NOTICE: Read the entire Directions for Use and Conditions of 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 Weight: 2 Pounds
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 center or doctor for treatment

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 center or doctor for treatment

If Swallowed:
- Call a poison control center or doctor for treatment
- Have the person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything to an unconscious person.

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: Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes or clothing. Do not breathe spray mist. Prolonged or frequently exposure may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco. Remove and wash contaminated clothing before reuse. This material is not to be used for medical, veterinary or human purposes.

Personal Protective Equipment (PPE)
Some materials that are chemically resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical resistant category selection chart.

Applicators and other handlers must wear:
- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of a waterproof material
- Shoes plus socks
- Protective eyewear
- 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 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.

Resistance Management Statements: FireLine™ 17 WP fungicide/bactericide contains a Group 41 (fungicide/bactericide). Fungal isolates/bacterial strains with acquired resistance to Group 41 may eventually dominate the fungal/bacterial population if Group 41 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 FireLine™ 17 WP fungicide/bactericide or other Group 41 products.

Environmental Hazards
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 equipment washwater.
General Information:

For therapeutic management of Huanglongbing, also known as “HLB”, “Greening” or “Citrus Greening” caused by the bacterium Candidatus Liberibacter asiaticus (CLas) in fruit, Citrus [Grapefruit, lemon, lime, orange, tangelo, tangerine, citrus citron, kumquat, and hybrids of these] plus pummelo.

Note 1: Multiple applications FireLine™ 17 WP - according to the recommendations printed on this label - are highly recommended to ensure maximum activity against CLas in HLB-infected citrus.

Note 2: Due to the nature of HLB and the internal residency of CLas within the tree, results from applications of FireLine™ 17 WP may take several weeks or months before becoming evident.

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 by aircraft. 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. Do not apply this product through any type of irrigation system. This material is not to be used for medical, veterinary or human purposes.

APPLICATION RATE, per Acre: 1½ lbs. (24 oz.)

Use Instructions:
Apply FireLine™ 17 WP as a foliar spray using sufficient carrier volume to ensure complete coverage. Spray to near-runoff. Use with a spray adjuvant demonstrated to be effective with FireLine™ 17 WP.

- Make first application in the spring.
- Make a second application during mid-summer (not less than 21 days after first application).
- Make a third application in late summer/early fall (not less than 21 days after second application)

Note: Do not exceed 1½ lbs. (24 oz.) FireLine™ 17 WP per acre, per year. For younger trees, if spray volume is reduced from 100 gallons per acre (gpa), the amount of FireLine™ 17 WP is reduced accordingly - see table below.
### Rates of FireLine™ 17 WP per acre for younger tree reduced spray volumes

<table>
<thead>
<tr>
<th>Spray Volume</th>
<th>Amount FireLine™ 17 WP to Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 gallons per acre</td>
<td>12 oz. per acre</td>
</tr>
<tr>
<td>75 gallons per acre</td>
<td>18 oz. per acre</td>
</tr>
<tr>
<td>100 gallons per acre</td>
<td>24 oz. per acre</td>
</tr>
</tbody>
</table>

### Compatibility

Experience indicates that FireLine™ 17 WP can be used effectively at specified dosages with most of the commonly used fungicides, herbicides, insecticides, acaricides and adjuvants. However, some incompatibilities may occur with the aforementioned products, therefore AgroSource always recommends testing the compatibility of the products used in combination with FireLine™ 17 WP at small scale before spraying or to ask your local distributor or consultant about potential incompatibility.

Observe all precautions and limitations on labeling of all products used in mixtures. Follow the most restrictive label limitations and precautions. No label dosage rates may be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.

### Restrictions/Precautions:

- A maximum of three sequential treatments of FireLine™ 17 WP are permitted.
- Do not make more than three (3) applications, or apply more than 4½ lbs. (72 oz.) of FireLine™ 17 WP per acre, per year.
- Minimum length of time between applications: 21 days
- Do not apply FireLine™ 17 WP at any rate below that specified in these use directions.
- Do not apply FireLine™ 17 WP through any type of irrigation system.
- Do not apply FireLine™ 17 WP by aircraft.
- Do not harvest fruit less than 40 days after last application (PHI = 40 days).
- FireLine™ 17 WP should be tank-mixed or alternated with FireWall™ 50 WP (a comparable bactericide with a different mode of action) to reduce risks of selecting for oxytetracycline-resistant organisms.
- Do not apply in groves in which current practices include fertilization with animal manure. This restriction addresses concerns that oxytetracycline-resistance could be transferred to E. coli or other pathogenic bacteria in the feces.
STORAGE AND DISPOSAL

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

**Pesticide Storage:** Keep tightly closed and sealed. Store in a cool, dry place. Avoid any 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 Disposal:** Non-refillable Container. Do not reuse or refill this container. Completely empty bag into application equipment, then offer bag for recycling if available or dispose of in a sanitary landfill, by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Conditions 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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, 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.

To the extent consistent with applicable law, AgroSource, Inc. or Seller shall not be liable for any incidental, consequential or special damages resulting from the use of 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.

FireLine is a trademark of AgroSource, Inc.
Formulated and packaged in the U.S.A. by AgroSource, Inc.
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ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA REGISTERED FIRELINE 17 WP LABEL (EPA Reg. No. 80990-1) AND THE EMERGENCY EXEMPTION SUPPLEMENTAL LABEL MUST BE FOLLOWED.

THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES MUST BE INFORMED OF ANY ADVERSE EFFECTS WHICH MAY RESULT FROM THE USE OF THIS PRODUCT.
SECTION 18 EMERGENCY EXEMPTION FOR THE USE OF FIREWALL™ 50 WP TO MANAGE HLB ON CITRUS IN FLORIDA

FireWall™ 50 WP
Fungicide/Bactericide
Agricultural Streptomycin

For Distribution and use only in the State of Florida

THESE USE DIRECTIONS MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF PESTICIDE APPLICATION

GROUP 25 FUNGICIDE

EXPIRATION DATE: TBD

Active Ingredient: Streptomycin Sulfate .......................................................... 65.80% *
Other Ingredients .................................................................................................. 34.20%
*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.)

Manufactured by:
AgroSource, Inc.
P.O. Box 3091
Tequesta, FL  33469

EPA File Symbol No. TBD
EPA Est. No. 39578-TX-1
EPA Reg. No. 80990-3

NOTICE: Read the entire Directions for Use and Conditions of 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 Weight: 2 Pounds
# 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 center or doctor for treatment  
| 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 center or doctor for treatment  
| If Inhaled                                   | • Move person to fresh air.  
|                                               | • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.  
|                                               | • Call a poison control center or doctor for further treatment advice.  

## 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Causes moderate eye irritation. Do not breathe dust or spray mist. This material is not to be used for medical, veterinary or human purposes.

### Personal Protective Equipment (PPE):

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

Applicators and other handlers must wear:

- long-sleeved shirt  
- long pants  
- chemical-resistant gloves made of a waterproof material  
- shoes plus socks  
- protective eyewear  
- a particulate respirator with any N, R, or P filter, NIOSH approval prefix TC-84-A.

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.
- 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.

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.

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.

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
- Use enclosed cabs or “headgear” ensuring full coverage of the neck when enclosed cabs are not feasible.

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.

General Information:
For therapeutic management of Huanglongbing, also known as “HLB”, “Greening” or “Citrus Greening” caused by the bacterium *Candidatus Liberibacter asiaticus* (CLas) in fruit, Citrus [Grapefruit, lemon, lime, orange, tangelo, tangerine, citrus citron, kumquat, and hybrids of these] plus pummelo.

**Note 1:** Multiple applications **FireWall™ 50 WP** - **according to the recommendations printed on this label** - are highly recommended to ensure maximum activity against CLas in HLB-infected citrus.

**Note 2:** Due to the nature of HLB and the internal residency of CLas within the tree, results from applications of **FireWall™ 50 WP** may take several weeks or months before becoming evident.

**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 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. Do not apply this product through any type of irrigation system. This material is not to be used for medical, veterinary or human purposes.

**APPLICATION RATE, per Acre: 11 oz.**

**Use Instructions:**
Apply **FireWall™ 50 WP** as a foliar spray using sufficient carrier volume to ensure complete coverage. Spray to near-runoff. Use with a spray adjuvant demonstrated to be effective with **FireWall™ 50 WP**.

- Make **first** application in the spring.
- Make a **second** application during mid-summer (not less than 21 days after first application).
- Make a **third** application in late summer/early fall (not less than 21 days after second application)

**Note:** Do not exceed 33 oz. **FireWall™ 50 WP** per acre, per year. For younger trees, if spray volume is reduced from 100 gallons per acre (gpa), the amount of **FireWall™ 50 WP** is reduced accordingly - see table below.

<table>
<thead>
<tr>
<th>Rates of FireWall™ 50 WP per acre for younger tree reduced spray volumes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spray Volume</td>
</tr>
<tr>
<td>----------------</td>
</tr>
<tr>
<td>50 gallons per acre</td>
</tr>
<tr>
<td>75 gallons per acre</td>
</tr>
<tr>
<td>100 gallons per acre</td>
</tr>
</tbody>
</table>
**COMPATIBILITY**
Experience indicates that **FireLine™ 17 WP** can be used effectively at specified dosages with most of the commonly used fungicides, herbicides, insecticides, acaricides and adjuvants. However, some incompatibilities may occur with the aforementioned products, therefore AgroSource always recommends testing the compatibility of the products used in combination with **FireLine™ 17 WP** at small scale before spraying or to ask your local distributor or consultant about potential incompatibility.

Observe all precautions and limitations on labeling of all products used in mixtures. Follow the most restrictive label limitations and precautions. No label dosage rates may be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.

**Restrictions/Precautions:**
- A maximum of three sequential treatments of **FireWall™ 50 WP** are permitted.
- Do not make more than three (3) applications, or apply more than 33 oz. of **FireWall™ 50 WP** per acre, per year.
- Minimum number of days between applications: 21
- Do not apply **FireWall™ 50 WP** at any rate below that specified in these use directions.
- Do not apply **FireWall™ 50 WP** through any type of irrigation system.
- Do not apply **FireWall™ 50 WP** by aircraft.
- Do not harvest fruit less than 40 days after last application (PHI = 40 days).
- **FireWall™ 50 WP** should be tank-mixed or rotated with **FireLine™ 17 WP** (a comparable bactericide having a different mode of action) to reduce risks of selecting for streptomycin-resistant organisms.
- Do not use streptomycin sulfate in groves in which current practices include fertilization with animal manure. This restriction addresses concerns that streptomycin-resistance could be transferred to *E. coli* or other pathogenic bacteria in the feces.

---

**STORAGE AND DISPOSAL**

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

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

**Container Disposal:** Non-refillable Container. Do not reuse or refill this container. Completely empty bag into application equipment, then offer bag for recycling if available or dispose of in a sanitary landfill, by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.
Conditions 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.
Formulated and packaged in the U.S.A. by AgroSource, Inc.
©2016 AgroSource, Inc. All rights reserved.

ALL APPLICABLE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THE EPA REGISTERED FIREWALL 50 WP LABEL (EPA Reg. No. 80990-3) AND THE EMERGENCY EXEMPTION SUPPLEMENTAL LABEL MUST BE FOLLOWED.

THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES MUST BE INFORMED OF ANY ADVERSE EFFECTS WHICH MAY RESULT FROM THE USE OF THIS PRODUCT.
SECTION 18 SPECIFIC EXEMPTION
FOR THE USE OF MYCOSHIELD® FOR SUPPRESSION OF HUANGLONGBING DISEASE ON CITRUS IN FLORIDA

Mycoshield®

GROUP 41 FUNGICIDE

For Distribution and Use in the State of Florida Only

For use in connection with an emergency exemption authorized under the provisions of Section 18 of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended. This Section 18 label contains directions for use that do not appear on the EPA registered label of Mycoshield. Please refer to the container label for First Aid and Precautionary Statements.

File Identification: ____________  Effective Date: _________
Expiration Date: _________

ACTIVE INGREDIENT:
Oxytetracycline Calcium complex:
(Equivalent to 17% oxytetracycline) .......................................................... 31.5%

OTHER INGREDIENTS: ........................................................................... 68.5%

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

KEEP OUT OF REACH OF CHILDREN

WARNING / AVISO
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.)

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

EPA Reg. No.  55146-97

Manufactured For
NUFARM AMERICAS INC.
AGT DIVISION
11901 S. Austin Ave
Alsip, IL 60803

Section 18 Specific Exemption for the Use of Mycoshield® for Suppression of Huanglongbing Disease on Citrus
**FIRST AID**

<table>
<thead>
<tr>
<th>Section</th>
<th>Description</th>
</tr>
</thead>
</table>
| IF IN EYES | • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.  
  • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.  
  • Call a poison control center or doctor for treatment advice. |
| IF ON SKIN OR CLOTHING | • Take off contaminated clothing.  
  • Rinse skin immediately with plenty of water for 15 to 20 minutes.  
  • Call a poison control center or doctor for treatment advice. |
| IF INHALED | • Move person to fresh air.  
  • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.  
  • Call a poison control center or doctor for further treatment advice. |
| IF SWALLOWED | • Call a poison control center 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 the poison control center or doctor.  
  • Do not give anything by mouth to an unconscious person. |

**HOTLINE 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 1-877-325-1840 for emergency medical treatment information.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING / AVISO**

Causes substantial but temporary eye injury. Harmful if absorbed through skin. Do not get in eyes, on skin, or on clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Do not breathe dust or spray mist.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC -21C) or a NIOSH approved respirator with any N, R, P or HE filter
- Enclosed cab or headgear ensuring full coverage of the neck when using an enclosed cab is not feasible

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse them. 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 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.

**Engineering Controls Statement**

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.
ENVIRONMENTAL HAZARDS

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 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 internal. The requirements in this box only 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.

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
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear

This product contains the antibiotic oxytetracycline. 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.

This material is not to be used for medical or veterinary purposes.

CHEMIGATION

Do not apply this product through any type of irrigation system.

APPLICATION PROCEDURES

For best results, apply this product using an airblast sprayer with enough water to provide full coverage. Thorough coverage is essential.

MIXING PROCEDURES

To avoid possible pesticide contamination, use only clean metal or plastic containers in preparing all solutions.

<table>
<thead>
<tr>
<th>CONCENTRATION DESIRED</th>
<th>QUANTITY MYCOSHIELD PER VOLUME OF WATER</th>
</tr>
</thead>
<tbody>
<tr>
<td>ppm</td>
<td>50 gal</td>
</tr>
<tr>
<td>200</td>
<td>8 oz (1/2 lb)</td>
</tr>
</tbody>
</table>

*ppm = parts per million oxytetracycline base in prepared solution.
CROP USE DIRECTIONS

Grapefruit, Lemon, Lime, Orange, Tangelo, Tangerine, Citrus Citron, Kumquat, and Hybrids of these plus Pummelo

<table>
<thead>
<tr>
<th>Disease</th>
<th>Concentration / Use Rate Per Acre</th>
<th>Application Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Huanglongbing (HLB) (Candidatus Liberibacter asiaticus) (suppression of foliar infections)</td>
<td>200 ppm Equivalent to 1.0 lb Mycoshield / 100 gal water</td>
<td>Foliar Application / Ground Application Only: Use 1.0 lb of Mycoshield/100 gal water (equivalent to 8 oz/50 gal or 24 oz/150 gal). Vary the total volume of solution per acre from 50 to 150 gallons depending on tree size and density of the foliage. Larger, denser trees will require a higher volume of spray to obtain coverage to the point of runoff. The addition of a full labeled rate of an acidifying foliage penetrating surfactant approved for citrus is recommended. Foliar applications of Mycoshield alone are not phytotoxic. However, some combinations of Mycoshield plus other pesticides, surfactants and/or fertilizers may cause severe crop injury. The crop safety of any Mycoshield mixture must be verified on a few trees before making a commercial application. For maximum benefit, apply at the initiation of a new leaf flush. Repeated applications are more likely to be absorbed when applied to tender foliage that have not fully expanded and obtained a dark green color. Tighter spray intervals allow for more applications to a given flush. Mycoshield is only effective at delaying or preventing infections of new growth when used in conjunction with an Asian citrus psyllid management program recommended by the state Cooperative Extension Service or Department of Agriculture. This program is not expected to cure the systemic infection in the branches, trunk or roots of a diseased tree.</td>
</tr>
</tbody>
</table>

Note: Trees in poor health or late stages of disease infection may not show a response to Mycoshield applications.

Restrictions:
Do not apply more than 1.5 lb of product per acre per application.
Do not apply at a retreatment interval of less than 21 days.
Do not make more than 8 applications to bearing trees per year.
Do not apply more than 12 lb of product per acre per year.
Do not harvest within 21 days of the last application.
Do not apply by air.
Do not apply in groves in which current practices include fertilization with animal manure. This restriction addresses concerns that oxytetracycline resistance could be transferred to Escheria coli or other pathogenic bacteria in the feces.

NOTICE
Read the "WARRANTY DISCLAIMER" and "LIMITATION OF LIABILITY on the container label for this product before using this product. Those terms apply to this labeling and if those terms are not acceptable, return the product unopened at once.

Mycoshield is a trademark of Nufarm Americas Inc.
### Comparison of Use and Label Information
(Based on Draft labels as submitted to the Agency December 4, 2016 with Interim Changes as suggested by the Agency through March 4, 2016)

These will change upon final approval by EPA of the Section 18

<table>
<thead>
<tr>
<th>Label Information</th>
<th>FireWall™ 50 WP</th>
<th>FireLine™ 17 WP</th>
<th>Mycoshield®</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Registrant</strong></td>
<td>AgroSource, Inc. P. O. Box 3091 Tequesta, Florida 33469</td>
<td>AgroSource, Inc. P. O. Box 3091 Tequesta, Florida 33469</td>
<td>Nufarm Americas Inc AGT Division 11901 S. Austin Avenue Alsip, Illinois 60803</td>
</tr>
<tr>
<td><strong>EPA Reg. No.</strong></td>
<td>80990-3</td>
<td>80990-1</td>
<td>55146-97</td>
</tr>
<tr>
<td><strong>Product Information</strong></td>
<td>Group 25 Fungicide/Bactericide Wettable Powder formulation of 65.80% Streptomycin Sulfate Equivalent to 50% Streptomycin</td>
<td>Group 41 Fungicide/Bactericide Wettable Powder formulation of 18.30% Oxytetracycline Hydrochloride Equivalent to 17% oxytetracycline</td>
<td>Group 41 Fungicide/Bactericide Wettable Powder Formulation of 31.5% Oxytetracycline calcium Complex Equivalent to 17% Oxytetracycline</td>
</tr>
<tr>
<td><strong>Crop Site</strong></td>
<td>Citrus: Grapefruit, lemon, lime, orange, tangelo, tangerine, citrus citron, kumquat, and hybrids of these, and pummelo.</td>
<td>Citrus: Grapefruit, lemon, lime, orange, tangelo, tangerine, citrus citron, kumquat, and hybrids of these, and pummelo.</td>
<td>Citrus: Grapefruit, lemon, lime, orange, tangelo, tangerine, citrus citron, kumquat, and hybrids of these, and pummelo.</td>
</tr>
<tr>
<td><strong>Use Rate</strong></td>
<td>Concentration at use rate: 400 ppm Maximum single application use rate is 11 oz of product (0.450 lbs. streptomycin) per acre. (mixed in100 gallons of carrier) Application rate is proportional based on amount of material needed to provide coverage of the foliage without runoff. For smaller trees the effective use rate per acre can be reduced to 5.5 oz of product (0.225 lbs. of streptomycin) when mixed to deliver 50 gallons of spray per acre</td>
<td>Concentration at use rate: 300 ppm Maximum single application use rate is 24 oz of product (0.255 lbs. oxytetracycline) per acre. (mixed in100 gallons of carrier) Application rate is proportional based on amount of material needed to provide coverage of the foliage without runoff. For smaller trees the effective use rate per acre can be reduced to 12.0 oz of product (0.125 lbs. of oxytetracycline) when mixed to deliver 50 gallons of spray per acre</td>
<td>Concentration at use rate: 200 ppm Maximum single application use rate is 24 oz of product (0.255 lbs. oxytetracycline) per acre. (mixed in150 gallons of carrier) Application rate is proportional based on amount of material needed to provide coverage of the foliage without runoff. For smaller trees the effective use rate per acre can be reduced to 8.0 oz of product (0.125 lbs. of oxytetracycline) when mixed to deliver 50 gallons of spray per acre</td>
</tr>
</tbody>
</table>
### Proposed Section 18 Tree Health Labeling

<table>
<thead>
<tr>
<th>Label Information</th>
<th>FireWall™ 50 WP</th>
<th>FireLine™ 17 WP</th>
<th>Mycoshield®</th>
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<tbody>
<tr>
<td><strong>Mixing Instructions</strong></td>
<td>Finished Spray Volume, GPA</td>
<td>Finished Spray Volume, GPA</td>
<td>Finished Spray Volume, GPA</td>
</tr>
<tr>
<td>50 gpa – 5.50 oz product – .225 Lbs. a.i.</td>
<td>50 gpa – 12.0 oz product – .125 Lbs. a.i.</td>
<td>50 gpa – 8.0 oz product – .125 Lbs. a.i.</td>
<td></td>
</tr>
<tr>
<td>100 gpa – 11.0 oz. product – 0.450 Lbs. a.i.</td>
<td>100 gpa – 24.0 oz. product – .255 Lbs. a.i.</td>
<td>150 gpa – 24.0 oz. product – .255 Lbs. a.i.</td>
<td></td>
</tr>
<tr>
<td><strong>Maximum Number of Applications</strong></td>
<td>3</td>
<td>3</td>
<td>8</td>
</tr>
<tr>
<td><strong>Minimum Retreatment Interval</strong></td>
<td>21 days</td>
<td>21 days</td>
<td>21 days</td>
</tr>
<tr>
<td><strong>Re-entry Interval</strong></td>
<td>12 hours</td>
<td>12 hours</td>
<td>12 hours</td>
</tr>
<tr>
<td><strong>Pre Harvest Interval</strong></td>
<td>40 days</td>
<td>40 days</td>
<td>21 days</td>
</tr>
<tr>
<td><strong>Total Amount of Product Per Year</strong></td>
<td>2.07 lbs. product 1.36 lbs. a.i.</td>
<td>4.50 lbs. product 0.81 lbs. a.i.</td>
<td>12.0 lbs. product 2.04 lbs. a.i.</td>
</tr>
<tr>
<td><strong>Application Method</strong></td>
<td>Ground Application Equipment Only For Worker protection concerns applicators must be in enclosed cab or with headgear that ensures full coverage of the neck</td>
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<td>------------------</td>
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<td>-------------</td>
</tr>
<tr>
<td>Use Directions</td>
<td>Apply as a foliar spray using sufficient carrier volume to ensure complete coverage. Spray to near-runoff. Use with a spray adjuvant demonstrated to be effective with FireWall™ 50WP. Make first application in the spring after initiation of flush. Make a second application during mid-summer. Make a third application in the late summer/early fall. Do not exceed 11 oz. of FireWall™ 50WP per acre per application.</td>
<td>Apply as a foliar spray using sufficient carrier volume to ensure complete coverage. Use with spray adjuvant, spreader sticking agent or horticultural oil. Make first application at initiation of spring flush to suppress HLB titer and disease symptoms. Make second application mid-summer (not less than 21 days after the first application). Make third application in late summer to reduce the incidence of HLB-induced fruit drop and to further suppress HLB titer and disease symptoms (not less than 21 days after the second application)</td>
<td>Use 1.0 lb Mycoshield/100 gal water (equivalent to 8 oz/50 gal or 24 oz/150 gal). Vary the total volume of solution per acre from 50 to 150 gallons depending on tree size and density of foliage. Larger, denser trees will require a higher volume of spray to obtain coverage to the point of runoff. The addition of a full labeled rate of an acidifying foliage penetrating surfactant approved for citrus is recommended. Foliar applications of Mycoshield alone are not phytotoxic. However, some combinations of Mycoshield plus other pesticides, surfactants and/or fertilizers may cause severe crop injury. The crop safety of any Mycoshield mixture must be verified on a few trees before making a commercial application. For maximum benefit, apply at the initiation of a new leaf flush. Repeated applications are more likely to be absorbed when applied to tender foliage that have not fully expanded and obtained a dark green color. Tighter spray intervals allow for more application to a given flush. Mycoshield is only effective when used in conjunction with an Asian citrus psyllid management program recommended by the state Cooperative Extension Service or department of Agriculture. This program is not expected to cure the systemic infection in the branches, trunk or roots of a diseased tree.</td>
</tr>
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## Proposed Section 18 Tree Health Labeling

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<tr>
<td>Restrictions/Precautions</td>
<td>A maximum of three sequential treatment of FireWall™ 50 WP are permitted.</td>
<td>A Maximum of three sequential treatments of FireLine™ 17 WP are permitted.</td>
<td>Do not apply more than 1.5 lb of product per acre per application</td>
</tr>
<tr>
<td></td>
<td>Do Not make more than three (3) applications, or apply more than 33 oz. of Firewall™ 50 WP</td>
<td>Do Not make more than three sequential applications or apply more than 72 oz. of FireLine™ 17 WP per acre per season.</td>
<td>Do Not apply at a retreatment interval of less than 21 days</td>
</tr>
<tr>
<td></td>
<td>Minimum number of days between applications: 21</td>
<td>Minimum number of days between the applications: 21</td>
<td>Do not make more than 8 applications to bearing trees per year</td>
</tr>
<tr>
<td></td>
<td>Do not apply FireWall™ 50 WP at any rate below that specified in these use directions.</td>
<td>Do not apply FireLine™ 17 WP at any rate below those specified in these use instruction.</td>
<td>Do not apply more than 12 lb of product per acre per year</td>
</tr>
<tr>
<td></td>
<td>Do not apply FireWall™ 50 WP through any type of irrigation system.</td>
<td>Do not apply FireLine™ 17 WP through any type of irrigation system.</td>
<td>Do not Harvest within 21 day of the last application</td>
</tr>
<tr>
<td></td>
<td>Do not apply FireWall™ 50 WP by aircraft.</td>
<td>Do not apply FireLine™ 17 WP by aircraft.</td>
<td>Do not apply by air</td>
</tr>
<tr>
<td></td>
<td>Do not harvest fruit less than 40 days after the last application (PHI = 40 days).</td>
<td>Do not harvest fruit less than 40 days after the last application (PHI = 40 days).</td>
<td>Do not apply in groves in which current practices include fertilization with animal manure. This restriction address concerns that oxytetracycline–resistance could be transferred to <em>Escheria coli</em> or other pathogenic bacteria in the feces.</td>
</tr>
<tr>
<td></td>
<td>FireWall™ 50 WP should be tank mixed or rotated with FireLine™ 17 WP (a comparable bactericide having a different mode of action) to reduce risk of selecting for streptomycin-resistant organisms.</td>
<td>FireLine™ 17 WP should be tank mixed or rotated with FireWall™ 50 WP (a comparable bactericide having a different mode of action) to reduce risk of selecting for oxytetracycline-resistant organisms.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Do not use streptomycin sulfate in groves in which current practices include fertilization with animal manure. This restriction address concerns that streptomycin–resistance could be transferred to <em>Escheria coli</em> or other pathogenic bacteria in the feces.</td>
<td>Do not apply in groves in which current practices include fertilization with animal manure. This restriction address concerns that oxytetracycline–resistance could be transferred to <em>Escheria coli</em> or other pathogenic bacteria in the feces.</td>
<td></td>
</tr>
</tbody>
</table>

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**THS18 — 03/04/2016**
## Label Information

<table>
<thead>
<tr>
<th></th>
<th>FireWall™ 50 WP</th>
<th>FireLine™ 17 WP</th>
<th>Mycoshield®</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Amount – Active</td>
<td>524,250 lbs. streptomycin sulfate</td>
<td>762,309 lbs. oxytetracycline</td>
<td></td>
</tr>
<tr>
<td>ingredient</td>
<td></td>
<td>Annual Total across both Products</td>
<td></td>
</tr>
<tr>
<td>Maximum Amount –</td>
<td>1,066,354 lbs</td>
<td>1,748,403 lbs.</td>
<td>4,662,408 lbs.</td>
</tr>
<tr>
<td>Formulated Product</td>
<td></td>
<td>314,712 lbs. oxytetracycline hydrochloride</td>
<td>762,309 lbs oxytetracycline calcium complex base</td>
</tr>
</tbody>
</table>