



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

November 17, 2015

Bert Volger  
Agent for AgroSource, Inc.  
c/o Ceres International LLC  
1087 Heartsease Drive  
West Chester, PA 19382

Subject: Notification per PRN 98-10 – Updates company address and deletes AI  
production statement on page 7  
Product Name: FireLine 17 WP Fungicide/Bactericide Agricultural  
Oxytetracycline  
EPA Registration Number: 80990-1  
Application Date: 11/02/2015  
Decision Number: 510903

Dear Mr. Volger:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

Page 2 of 2  
EPA Reg. No. 80990-1  
Decision No. 510903

If you have any questions, you may contact Fatima Sow at (703) 347-8308 or via email at [sow.fatima@epa.gov](mailto:sow.fatima@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to be 'HJ', enclosed within a circular scribble.

Hope Johnson, Product Manager 21  
Fungicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

# FireLine™ 17 WP

Fungicide/Bactericide  
Agricultural Oxytetracycline

## NOTIFICATION

80990-1

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

11/17/2015

GROUP	41	FUNGICIDE
-------	----	-----------

- For control of Fire Blight on apple and pear and Bacterial Spot on peaches and nectarine

### Active Ingredient:

Oxytetracycline Hydrochloride*	18.30%
Related Compounds	0.17%
<b>Other Ingredients</b>	<u>81.53%</u>
<b>TOTAL</b>	<b>100.00%</b>

\*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.)

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

EPA Reg. No. 80990-1  
EPA Est. No. 39579-TX-1

**AgroSource, Inc.**  
P.O. Box 3091  
Tequesta, Florida 33469  
**AgroSource, Inc.**  
P.O. Box 1341  
Mountainside, New Jersey 07092-0341

<p>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.</p>
---

**NET CONTENTS:** 2 pounds

<b>FIRST AID</b>	
Call a poison control center or doctor immediately for treatment advice	
If In Eyes:	<ul style="list-style-type: none"><li>• 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.</li></ul>
If On Skin or Clothing:	<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></ul>
<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 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 allergenic 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 chemical 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

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washable, use detergent and hot water. Keep and wash PPE separately from other laundry.

### **Engineering Control Statements:**

When handlers used 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.

### **User Safety Recommendations**

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### **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.

### **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 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 any waterproof material
- Shoes plus socks

- Protective eyewear

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

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.

**Resistance Management Statements: FIRELINE™ 17 WP** 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** or other Group 41 products.

To delay fungicide/bactericide resistance consider:

- Avoiding the consecutive use of **FIRELINE™ 17 WP** or other target site of action Group 41 fungicides/bactericides that have a similar target site of action, on the same pathogens.
- Using tank-mixtures or premixes with fungicide/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. Do not use any product that has a prohibition on tank mixing and follow the more restrictive use directions.
- 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.

### Treatment of Apples, Pears, Peaches & Nectarines:

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

### MIXING INSTRUCTIONS

Concentration Desired	MIXING INSTRUCTIONS		
	Quantity FIRELINE™ 17 WP Fungicide/Bactericide Agricultural Oxytetracycline per Volume of Water		
Ppm*	50 gals.	100 gals.	500 gals.
150	6.0 oz.	12.0 oz.	3 ¾ lbs.

200	8.0 oz.	16.0 oz.	5 lbs.
-----	---------	----------	--------

\* ppm = parts per million

### Crop Use Directions

Crop	Disease	Recommended Concentration or Rate	Use Directions
Apples	Fire Blight ( <i>Erwinia amylovora</i> )	200 ppm	Begin applications at the start of bloom at a dosage of 50 to 150 gallons of spray solution per acre. The recommended method of application is by airblast sprayer. Repeat spray applications at 3 to 6 day intervals until the end of bloom. Do not apply more than a total of 6 applications per year. Do not apply more than 150 gallons of spray solution per acre per application or more than 1.5 lb of FireLine 17 WP Fungicide/Bactericide Agricultural Oxytetracycline per acre per application. Do not apply within 60 days of harvest. Use of <b>FIRELINE™ 17 WP</b> Fungicide/Bactericide Agricultural Oxytetracycline may cause phytotoxicity to the fruit and/or foliage of sensitive varieties of apples.
Pears	Fire Blight ( <i>Erwinia amylovora</i> )	200 ppm	Begin applications at 10% bloom at a rate of 50-100 gals. Of solution per acre. Repeat applications at 4 to 6 day intervals. This may involve up to 8-10 applications. Do not apply within 60 days of harvest. Use of <b>FIRELINE™ 17 WP</b> Fungicide/Bactericide Agricultural Oxytetracycline may cause phytotoxicity to the fruit and/or foliage of sensitive varieties of pears, especially Asian varieties.
Peaches & Nectarines	Bacterial Spot ( <i>Xanthomonas pruni</i> )	150 ppm	Begin applications at shuck split using a rate of 3 gallons per tree (240 gals. Spray solution per acre based on 80 trees per acre). Apply spray solution to point of runoff. Gallons of spray per acre may be increased for larger trees. Do not

			<p>exceed 500 gals. Of spray solution per acre. Use pressure sprayer capable of delivering the spray at least 250 lbs. pressure per square inch through a hand-held single nozzle gun, or 150 lbs. pressure per square inch using a wind-blast sprayer. For best results with air-blast sprayer, do not exceed 3 miles per hour ground speed or 100 miles per hour spray velocity. Note: the spray application schedules are based on a definite biological growth period for peaches, the shuck split. Schuck split state for peaches varies North to South by state, in individual states by varieties. Applications are weekly after schuck split stage. This may involve up to 8 or 9 applications. Do not apply within 3 weeks of harvest.</p>
--	--	--	---

Additional information regarding use of **FIRELINE™ 17 WP** may be obtained from your local Agricultural Extension Agent or State Experimental Station.

Use of **FIRELINE™ 17 WP** may cause phytotoxicity to the fruit and/or foliage of sensitive varieties of pears, apples, peaches and nectarines.

#### **Storage & 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 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 or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

EMERGENCY TELEPHONE NUMBER:  
InfoTrac: 1-800-535-5053



### **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. 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.

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.

| ~~Active ingredient made in China.~~ Formulated and packaged in USA by AgroSource, Inc.

©2012 AgroSource, Inc. All rights reserved.