



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

80990-6

Date of Issuance:

3/30/16

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

FIRELINE 45 WP

Name and Address of Registrant (include ZIP Code):

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

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

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

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

Date:

3/30/16

2. You are required to comply with the data requirements described in the DCI Order identified below:
 - a. Oxytetracycline GDCI-006308-914
 - b. Oxytetracycline GDCI 006308-27598
 - c. Oxytetracycline GDCI 006308-28549

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI Order listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: http://www.epa.gov/oppsrrd1/contacts_prd.htm

3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 80990-6."
 - Add Net Contents information
4. Submit one copy of the final printed label for the record before you release the product for shipment.

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.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 02/02/2016

If you have any questions, please contact Maryam K. Muhammad by phone at 703-347-0301, or via email at muhammad.maryam@epa.gov.

Enclosure

FireLine™ 45 WP

GROUP	41	FUNGICIDE
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Fungicide/Bactericide Agricultural Oxytetracycline for control of Fire Blight on apple and pear and Bacterial Spot on peaches and nectarine

Active Ingredient:

Oxytetracycline Hydrochloride* 48.80%
Related Compounds 0.45%

Other Ingredients 50.75%
TOTAL 100.00%

*Equivalent to 45% oxytetracycline

KEEP OUT OF REACH OF CHILDREN

WARNING

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.)

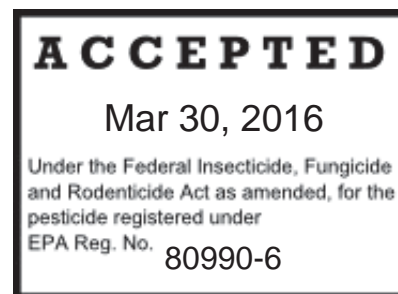
See Side/Back Panel for Additional Precautionary Statements, First Aid and Directions for Use

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

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: xx



FIRST AID	
If In Eyes:	<ul style="list-style-type: none">• 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.• Call a poison control center or doctor for treatment advice.
If On Skin or Clothing:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
If Swallowed:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have a person sip a glass of water if able to swallow.• Do not induce vomiting unless told to 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

WARNING: Causes substantial but temporary eye injury. Harmful if swallowed or absorbed through skin. Do not get in eyes, or on clothing. Wear protective eyewear such as goggles or face shield. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before re-use. 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 and long pants
- Chemical-resistant gloves made of a waterproof material
- Shoes plus socks
- Protective eyewear (goggles, face shield)

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

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.

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.

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

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:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear

Application Precaution: 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™ 45 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™ 45 WP** or other Group 41 products.

To delay fungicide/bactericide resistance consider:

- Avoiding the consecutive use of **FIRELINE™ 45 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.

Mixing Instructions

Spray Volume, gallons per acre	Quantity of FireLine 45 WP to Use per Volume of Water, by Application Rate	
	Application Rate: 4.5 oz. per 100 gallons (peaches & nectarines)	Application Rate: 6.0 oz. per 100 gallons (apples and pears)
50	2.25 oz.	3.0 oz.
75	3.38 oz.	4.5 oz.
100	4.5 oz.	6.0 oz.
125	5.63 oz.	7.5 oz.
150	6.75 oz.	9.0 oz.

Crop Use Directions

Crop	Disease (Pathogen)	FireLine™ 45 WP Application Rate	Use Directions	Restrictions
Apples	Fire Blight (<i>Erwinia amylovora</i>)	6 oz. <u>per</u> 100 gallons (see Mixing Instructions Table) Spray at 50 – 150 gallons per acre. (1.5 – 4.4 oz. active ingredient, ai, per acre, equivalent to 1.4 – 4.1 oz. oxytetracycline free base)	Begin applications at the start of bloom. Repeat spray applications at 3 to 6 day intervals until the end of bloom.	One additional post bloom application permitted. Maximum number of applications per year: 6 Maximum total amount that may be applied per year: 3.375 lbs. (54 oz) FireLine 45 WP per acre (1.65 lbs. active ingredient per acre, equivalent to 1.52 lbs. oxytetracycline free base). Do not apply within 60 days of harvest.
Pears	Fire Blight (<i>Erwinia amylovora</i>)	6 oz. <u>per</u> 100 gallons (see Mixing Instructions Table) Spray at 50 – 100 gallons per acre. (1.5 oz. – 2.9 oz. active ingredient, ai, per acre, equivalent to 1.4 – 2.7 oz. oxytetracycline free base)	Begin applications at 10% bloom. Repeat applications at 4 to 6 day intervals.	Maximum number of applications per year: 10 Maximum total amount that may be applied per year: 3.75 lbs. (60 oz) FireLine 45 WP per acre (1.83 lbs. active ingredient per acre, equivalent to 1.69 lbs. oxytetracycline free base). Do not apply within 60 days of harvest.
Peaches & Nectarines	Bacterial Spot (<i>Xanthomonas pruni</i>)	4.5 oz. <u>per</u> 100 gallons (see Mixing Instructions Table) Spray at 50 – 150 gallons per acre. (1.1 oz. – 3.3 oz. active ingredient, ai, per acre, equivalent to 1.0 – 3.1 oz. oxytetracycline free base)	Begin applications at “shuck split”. When disease pressure is high, spray at 5-7 day intervals. Consider alternating or tank mixing with copper based products. Note: certain <u>liquid</u> copper formulations may be <u>incompatible</u> with FireLine 45 WP. If disease pressure is low, spray interval may be lengthened accordingly.	Maximum number of applications per year: 9 Maximum total amount that may be applied per year: 3.80 lbs. (60.75 oz) FireLine 45 WP per acre (1.85 lbs. active ingredient per acre, equivalent to 1.71 lbs. oxytetracycline free base). Do not apply within 21 days of harvest.

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

Additional information regarding use of **FIRELINE™ 45 WP** may be obtained from your local Agricultural Extension Agent or State Experimental Station.

Use of **FIRELINE™ 45 WP** may cause phytotoxicity to the fruit and/or foliage of sensitive varieties of pears (especially Asian varieties), 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 Handling: Non-refillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then dispose of bag 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.

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