



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 16, 2019

James Messina
Exponent, Inc.
Agent for Agrosource, Inc.
1150 Connecticut Ave., NW, Suite 1100
Washington, D.C. 20036

Subject: Amendment to Revise a Supplemental Label – Extension of expiration date on citrus supplemental label
Product Name: Fireline 45 WP
EPA Registration Number: 80990-6
Application Date: July 24, 2019
Decision Number: 555120

Dear Mr. Messina:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval is only for a supplemental label that is an addendum to the master label. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

This supplemental labeling contains some new and/or revised uses and/or directions which may be additional to the uses and/or directions found on the label on or attached to the container, but this supplemental labeling does not by itself constitute the complete set of use directions. The complete set of use directions is set forth on the container label as combined with this supplemental labeling.

A stamped copy of your labeling is enclosed for your records. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact me by phone at 703-305-5410, or via email at johnson.hope@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to be "H. Johnson", is located below the word "Sincerely,".

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

Enclosure

SUPPLEMENTAL LABELING

FireLine™ 45 WP

OXYTETRACYCLINE	GROUP	41	FUNGICIDE
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Supplemental label to add DIRECTIONS FOR USE for control or suppression of:

- Huanglongbing ("HLB", "citrus greening", "greening") for citrus Crop Group 10-10
- Citrus canker for citrus Crop Group 10-10

This supplemental label expires November 9, 2020 and must not be used or distributed after this date.

Active Ingredient:

Oxytetracycline Hydrochloride*	48.80%
Related Compounds	0.45%

Other Ingredients	<u>50.75%</u>
TOTAL	100.00%

*Equivalent to 45% oxytetracycline

KEEP OUT OF REACH OF CHILDREN

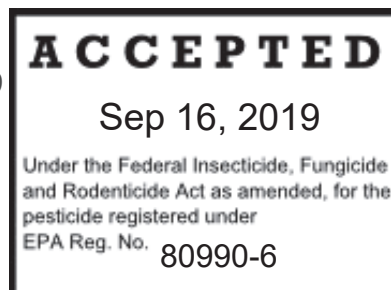
WARNING

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.)

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING. THIS LABELING MUST BE IN POSSESSION OF THE USER AT THE TIME OF APPLICATION. READ THE LABEL AFFIXED TO THE CONTAINER FOR **FIRELINE™ 45 WP** BEFORE APPLYING. USE OF **FIRELINE™ 45 WP** ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR **FIRELINE™ 45 WP (EPA REG. NO. 80990-6)**.

EPA REG. NO. 80990-6

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



PRECAUTIONARY STATEMENTS

The following PPE information supersedes the PPE on the label affixed to the container.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All applicators and other handlers must wear a minimum of:

- Coveralls over short sleeved shirt and short pants
- Protective eyewear (goggles, safety glasses or face shield)
- Shoes and socks
- Chemical resistant gloves
- NIOSH-approved particulate filtering facepiece respirator with any N, R or P filter (TC-84A); OR an elastomeric NIOSH-approved particulate respirator with any N, R or P filter (TC-84A); OR a NIOSH-approved powered air purifying respirator with an HE filter (TC-21C). Higher level respirators that are NIOSH-approved for particulates that contain oil may also be used.

Applicators must also wear chemical-resistant headgear ensuring full coverage of the neck.

Applicators do not have to wear the protective eyewear, chemical-resistant gloves, chemical-resistant headgear, or a respirator when using closed cab systems that meet the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.607(e)].

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the WPS for agricultural pesticides [40 CFR 170.607(d) and (e)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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

DIRECTIONS FOR USE

This product contains the antibiotic oxytetracycline. To reduce the development of drug-resistant bacteria and maintain the effectiveness of this and other fungicide/bactericide products, this product should be used only to treat or prevent infections that are proven or strongly suspected to be caused by bacteria or fungi.

Resistance Management Statements: FireLine™ 45 WP contains a Group 41 (antibiotic/fungicide/bactericide). Bacterial strains/fungal isolates with acquired resistance to Group 41 may eventually dominate the bacterial/fungal population if Group 41 products 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 antibiotic/fungicide/bactericide resistance, take one or more of the following steps:

- Use only the specified and full strength application rates.
- The mode of action for oxytetracycline is the inhibition of protein synthesis. This product should be used to treat or prevent infections that are proven or strongly suspected to be caused by the indicated target bacteria. To reduce likelihood of bacteria developing resistance to oxytetracycline, follow the crop specific resistance management and use direction information present on this labeling. Use of this product should conform to resistance management practices/strategies established for the crop and use area (for example the use of IPM, disease forecasting models, resistance crop varieties, etc.) Consult your local extension/crop consultant or State agricultural authority if reduced efficacy is suspected.
- Adopt an integrated disease management program that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time applications.
- Avoid the consecutive use of **FireLine™ 45 WP** or other target site of action Group 41 products that have a similar target site of action, on the same pathogens.
- When feasible, **FireLine™ 45 WP** should be alternated with a comparable bactericide with a different mode of action.
- Base use on a comprehensive IPM program.
- For further information or to report suspected resistance contact AgroSource, Inc. at 908-931-9001.

Application Restrictions-All Uses:

- Not to be used for medical, veterinary or human purposes.
- Not for residential use.
- Do not apply this product through any type of irrigation system, including chemigation.
- Do not apply this product by aerial application.
- Animal grazing in treated areas is prohibited. The public must be notified by posting restriction signs along the perimeter of the treatment area.
- Use only the specified and full-strength application rates.
- Do not apply oxytetracycline in orchards in which the soil has been fertilized with animal waste/manure or human biosolids.
- Do not apply more than two consecutive applications before alternating with another fungicide/bactericide of a different mode of action.
- Spray Drift Precaution - ALL uses - to help reduce off-target drift, direct spray into the canopy, and turn off outward pointing nozzles at row ends and when spraying outer rows.

Crop Use Directions:

Crop	Disease (Pathogen)	Product Application Rate	Use Directions	Specific Use Restrictions
Citrus Fruit (Crop Group 10-10) Australian desert lime; Australian finger-lime; Australian round lime; Brown River finger lime; calamondin; citron; citrus hybrids; grapefruit; Japanese summer grapefruit; kumquat; lemon; lime; Mediterranean mandarin; mount white lime; New Guinea wild lime; orange, sour; orange, sweet; pummelo; Russell River lime; satsuma mandarin; sweet lime; tachibana orange; Tahiti lime; tangelo; tangerine (mandarin); tangor; trifoliate orange; uniq fruit; cultivars, varieties, and/or hybrids of these	Huanglongbing also known as "HLB", "Citrus Greening" or "Greening" disease (e.g. <i>Candidatus Liberibacter asiaticus</i> also known as "CLas" or "Las")	9 oz. <u>per</u> acre (4.39 oz. active ingredient, ai, per acre, equivalent to 4.05 oz. oxytetracycline free base)	<p>Apply as a foliar spray using sufficient carrier volume to ensure complete coverage. Use with spray adjuvant, spreader sticking agent or horticultural oil.</p> <p>Make a first application at initiation of spring flush to suppress HLB titer and disease symptoms.</p> <p>Make a second application mid-summer (not less than 21 days after first application).</p> <p>Make a 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 second application).</p>	<p>Maximum number of applications per year: 3</p> <p>Minimum retreatment interval: 21 days.</p> <p>Do not apply within 40 days of harvest.</p> <p>Maximum <u>annual</u> amount of product that may be applied <u>per acre</u>: 1.69 lbs. (0.82 lbs. active ingredient per acre, equivalent to 0.76 lbs. oxytetracycline free base)</p> <p>Use only the full strength application rate</p> <p>Follow Application Restrictions-All Uses.</p>

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FireLine is a trademark of AgroSource, Inc.

Manufactured in the U.S.A. by AgroSource, Inc.

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