

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

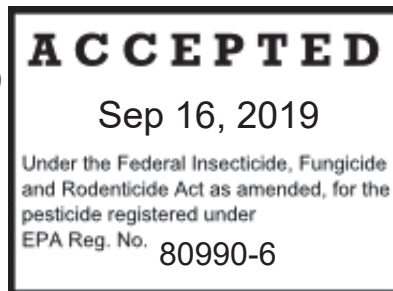
WARNING

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
<p>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</p>	<p>Huanglongbing also known as "HLB", "Citrus Greening" or "Greening" disease (e.g. <i>Candidatus Liberibacter asiaticus</i> also known as "Las" or "Las")</p>	<p>9 oz. <u>per</u> acre (4.39 oz. active ingredient, ai, per acre, equivalent to 4.05 oz. oxytetracycline free base)</p>	<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 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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<p>Citrus Fruit (Citrus 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</p>	<p>Citrus Canker (<i>Xanthomonas citri</i> pv. <i>citri</i>)</p>	<p>9 oz. <u>per</u> acre (4.39 oz. active ingredient, ai, per acre, equivalent to 4.05 oz. oxytetracycline free base)</p>	<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 first application when spring flush is approximately 75% expanded to protect new growth from canker infection.</p> <p>Make a second application in summer when weather conditions warrant during periods of high citrus canker risk (not less than 21 days after first application).</p> <p>Make a third application in late summer to reduce the incidence of canker-induced fruit drop (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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