

71711-19

7/30/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

JUL 30 2009

Ms. Marie A. Maks
Nichino America, Inc.
4550 New linden Hill Road
Suite 501
Wilmington, DE 19808

Dear Ms. Maks:

Subject: Label
FujiMite® 5EC Miticide/Insecticide
EPA Registration Number: 71711-19
Application Dated: June 30, 2008
Decision: 394792

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Sincerely,

Kimberly Nesci

Kimberly Nesci
Product Manager 11
Insecticide Branch
Registration Division 7507P

Enclosure: Stamped Approved Label

2016

GROUP 21A INSECTICIDE

FujiMite® 5EC MITICIDE/INSECTICIDE

ACTIVE INGREDIENT:

Fenpyroximate: *tert*-butyl(E)- α -(1,3-dimethyl-5-phenoxy-pyrazol-4-ylmethyleneaminoxy)-p-toluate (CAS No. 134098-61-6) 5.0%

OTHER INGREDIENTS*: 95.0%

TOTAL 100.0%

Contains 0.4 lb. active ingredient per U.S. gallon

*Contains petroleum distillates

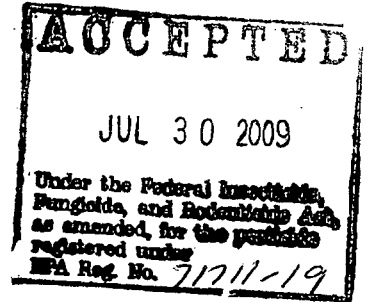
EPA Reg. No. 71711-19

EPA Est. No. 67545-AZ-1

Marketing Brands:

Portal® Miticide/Insecticide

Ortus Super Miticide/Insecticide



**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.)

| 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 inhaled | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. |
| 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. |
| 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 1-800-348-5832 for emergency medical treatment information. In case of fire or spills, information may be obtained by calling 1-800-424-9300. | |
| NOTE TO PHYSICIAN: Contains petroleum distillates. Vomiting may cause aspiration pneumonia. Probable mucosal damage may contraindicate the use of gastric lavage. | |

NET CONTENTS: _____

Active Ingredient Made in Japan; Formulated and Packaged in U.S.A
NICHINO AMERICA, INC.
 4550 New Linden Hill Rd., Suite 501
 Wilmington, DE 19808

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PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

WARNING - AVISO

Causes substantial but temporary eye injury. Harmful if inhaled or swallowed. Do not get in eyes, or on clothing. Avoid contact with skin and breathing spray mist.

Wear long-sleeved shirt and long pants, socks, shoes, and chemical resistant gloves (such as barrier laminate or viton). Wear protective eyewear (safety glasses, goggles, or face shield).

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves (such as barrier laminate or viton)
- Protective eyewear (such as safety glasses, goggles, or face shield)
- Shoes plus socks
- For overhead exposure, wear chemical resistant headgear

When mixing and loading, wear a chemical-resistant apron. When cleaning equipment, wear a chemical-resistant apron.

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. 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 [40CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations

Users should:

- Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.
- Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is very highly toxic to fish and aquatic invertebrates. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

This chemical can contaminate surface water through spray applications. Under some conditions, it may also have a high potential for runoff into surface water after application. These include poorly drained or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-laying tile drainage systems that drain to surface water.

ENDANGERED SPECIES RESTRICTIONS

This product may pose a hazard to endangered aquatic species. Leave a 75 feet untreated buffer between treatment area and fish-bearing waters. Follow all use directions.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

Minimum Honey Bee Toxicity

Applications to all crops may be made at anytime. Fenpyroximate is practically nontoxic to bees and wasps when used according to this label.

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 in your State 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 only apply to uses of this product 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 worn over short-sleeved shirt and short pants
- Socks
- Chemical-resistant footwear
- Protective eyewear (such as safety glasses, goggles, or face shield)
- Chemical-resistant gloves (such as barrier laminate or viton)

GENERAL INFORMATION

FujiMite® 5EC is a contact miticide/insecticide used for the control of leafhoppers, mealybugs, mites, whitefly, or psylla. This product should be used in a rotational program with other products to provide resistance management. Apply as a spray as directed in the Application Directions section of this label.

FujiMite 5EC Miticide/Insecticide is a 5% Emulsifiable Concentrate which contains 0.40 lb fenpyroximate per gallon.

FujiMite 5EC Miticide/Insecticide works primarily through contact action, **so good spray coverage is necessary**. Mix with sufficient water and apply as a foliar spray to obtain uniform coverage. Dense foliage or excessive growth will often prevent adequate coverage; adjust spray volumes accordingly. Treat plants when pests are immature or at a susceptible stage and populations are building, before crop damage occurs.

FujiMite 5EC Miticide/Insecticide stops mite feeding immediately after application. **FujiMite 5EC Miticide/Insecticide** provides this stop-feeding action together with a cessation of egg laying, and mites die in 3 to 7 days.

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| Target Species | |
|---|-------------------------|
| Apple rust mite (suppression only) | Mealybug species |
| Asian citrus psyllid | Mint bud mite |
| Broad mite | Pacific spider mite |
| Carmine mite | Pear psylla |
| Citrus bud mite | Pear rust mite |
| Citrus Leafminer | Pecan leaf scorch mite |
| Citrus red mite | Potato Psyllid |
| Citrus rust mite | Strawberry spider mite |
| Citrus thrips (suppression only) | Texas citrus mite |
| European red mite | Two-spotted spider mite |
| Glassy-winged sharpshooter (suppression only) | White apple leafhopper |
| Grape leafhopper | Whitefly |
| McDaniel mite | Willamette spider mite |
| | Variegated leafhopper |

APPLICATION DIRECTIONS

- Applications should be made immediately after the spray solution is prepared.
- Apply with properly calibrated spray equipment.
- Apply by ground or air using the recommended water spray volume found in the Directions for Use section of this label.
- For aerial equipment, use larger droplet size (greater than 200 microns).
- Thorough spray coverage is essential for mite and insect control.
- For best results, apply when pest populations are beginning to build, before reaching economic thresholds. Consult your local agricultural advisor, state cooperative extension service, or regional Nichino America representative for further information.

APPLICATION RESTRICTIONS

- Use by air is limited to cotton.
- Do not apply within 75 feet of all aquatic areas.
- Do not plant rotational crops other than those listed on this label for 30 days following the last application of this product.
- Do not apply through any type of irrigation system.

MIXING DIRECTIONS

Shake well before using. Read and follow all label directions for each tank mix product prior to any tank mixing with **FujiMite 5EC Miticide/Insecticide**. This product can be mixed with other registered pesticides for use on labeled crops or sites, in accordance with the most restrictive use directions and precautions. No labeled dose rate should be exceeded. **FujiMite 5EC Miticide/Insecticide** cannot be mixed with any product containing a label prohibition against such mixing.

FujiMite 5EC Miticide/Insecticide ALONE: Begin with clean equipment. Fill spray tank with ¾ of the amount of water needed for the intended application and then turn on agitation. Pour recommended amount of product on the surface of water in the spray tank. Add the balance of the water to the spray tank with agitation running. Keep agitation running during filling and spraying operations. If spraying must be stopped before emptying the sprayer, resume agitation before spraying the remainder of the load.

FujiMite 5EC Miticide/Insecticide TANK MIXTURES: Follow all use directions as listed above under **FujiMite 5EC Miticide/Insecticide ALONE** with the following exception: after the **FujiMite 5EC Miticide/Insecticide** is thoroughly mixed and the tank is ¾ full, add the recommended amount of wettable powder, soluble powder, flowable, emulsifiable concentrate, or soluble liquid product, **while maintaining agitation**. Then continue adding water to the tank to achieve the desired level, while maintaining agitation.

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If you have no experience with the combination you are considering, you should conduct a test to determine physical compatibility. To determine physical compatibility, add the recommended proportions of each chemical with the same proportion of water, as will be present in the chemical supply tank, into a suitable container, mix thoroughly and allow to stand for five minutes. If the combination remains mixed, or can be readily re-mixed, the mixture is considered physically compatible.

RESISTANCE MANAGEMENT

Repeated use of the same chemistry has been shown to result in the buildup of resistant strains of mites or other insects. Avoid using **FujiMite 5EC Miticide/Insecticide** in successive miticide applications.

Rotate the use of **FujiMite 5EC Miticide/Insecticide** with alternate mode of action insecticides:

- Miticides must be rotated with alternate products **for resistance management. Do not use products with the same mode of action [METI-2 inhibitor/IRAC Group # 21A] in consecutive applications.**

Consult your local crop advisor for the most appropriate alternative products. Resistance management strategies recommend that you **DO NOT** apply rates lower than recommended on the label.

SPRAY DRIFT MANAGEMENT

Avoid spray drift to all other crops and nontarget areas. Do not apply when weather conditions may cause drift. Do not allow this product to drift onto nontarget areas. Drift may result in illegal residues or injury to adjacent crops and vegetation. To avoid spray drift, **DO NOT** apply aerially when wind speed is greater than 10 mph or during periods of temperature inversions. Use of larger droplet size will also reduce spray drift.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

The interaction of equipment and weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making decisions.

Droplet size, boom height, and wind speed are the primary factors determining drift. The specific application conditions required for the use of this product are described below.

Controlling Droplet Size – General Techniques:**Volume**

Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.

Pressure

Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types, lower pressure produces larger droplets. Use the lower spray pressures recommended for the nozzle. Higher pressure reduces droplet size and does not improve canopy penetration. **WHEN HIGHER FLOW RATES ARE NEEDED, USE A HIGHER-CAPACITY NOZZLE INSTEAD OF INCREASING PRESSURE.**

Nozzle Type

Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

Controlling Droplet Size – Aircraft:**Number of Nozzles**

Use the minimum number of nozzles with the highest flow rate that provide uniform coverage.

Nozzle Orientation

Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.

Nozzle Type

Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

Boom Height and Length – Ground and Aircraft:

Boom Height (ground): Setting the boom at the lowest labeled height (if specified) which provides uniform coverage reduces the exposure of droplets to evaporation and wind. For ground equipment, the boom should remain level with the crop and have minimal bounce.

Boom Height (aircraft): Application more than 10 feet above the canopy increases the potential for spray drift.

Boom Length (aircraft): The minimum boom length should not exceed $\frac{3}{4}$ of the wing length; using shorter booms decreases drift potential. For helicopters, the minimum boom length should not exceed $\frac{9}{10}$ of the rotary blade to prevent droplets from entering the rotor vortices.

Wind

Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given wind speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. **AVOID GUSTY OR WINDLESS CONDITIONS. Note:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect drift.

Temperature and Humidity

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

Temperature Inversions

Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. This cloud can move in unpredictable directions due to the light and variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

Sensitive Areas

The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, nontarget crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

Shielded Sprayers

Shielding the boom or individual nozzles can reduce the effects of wind. However, it is the responsibility of the applicator to verify that the shields are preventing drift and not interfering with the uniform deposition of the product.

Air Assisted (Air Blast) Field Crop Sprayers

Air assisted field crop sprayers carry droplets to the target via a downward directed air stream. Some may reduce the potential for drift, but if a sprayer is unsuitable for the application and/or set up improperly, high drift potential can result. It is the responsibility of the applicator to determine that a sprayer is suitable for the intended application, is configured properly, and that drift is not occurring.

Note: Air assisted field sprayers can affect product performance by affecting spray coverage and canopy penetration. Consult the application equipment section of this label to determine if use of an air assisted sprayer is recommended.

Air Assisted (Air Blast) Tree And Vine Sprayers

Air assisted tree and vine sprayers carry droplets into the canopy of trees and vines via a radially or laterally directed air stream. These sprayers are not suitable for applying herbicides. In addition to the general drift management practices already described, the following specific practices will further reduce the potential for drift:

- Adjust the deflectors and aiming devices so that spray is only directed into the canopy.
- Block off upward pointed nozzles when there is no overhanging canopy.
- Use only enough air volume to penetrate the canopy and provide good coverage.
- Do not allow spray to go beyond the edge of the cultivated area. Spray the outside row only from outside the planting.

**APPLICATION RATE CHART FOR
FUJIMITE 5EC MITICIDE/INSECTICIDE**

| Crop | Pest | Use Rate per Acre | Use Directions |
|--|---|-------------------|--|
| <p>Melon Crop Subgroup 9A: Citron melon Muskmelons (including hybrids and/or varieties of cantaloupe true, cantaloupe, casaba, Santa Claus melon, crenshaw melon, honeydew melon, honey balls, Persian melon, golden pershaw melon, mango melon, pineapple melon, snake melon) Watermelon</p> | <p>Mites (see Target Species) Whitefly</p> | <p>2.0 pints</p> | <p>USE RESTRICTIONS</p> <ul style="list-style-type: none"> • Apply by ground application using a minimum of 20 gallons of water per acre. • Do not apply more than 4.0 pints per acre per growing season. • Do not make more than 2 applications per growing season. • Do not apply within 3 days of harvest. • Do not apply through any type of irrigation system. <p>RECOMMENDATIONS</p> <ul style="list-style-type: none"> • Use of higher water volumes is recommended for heavy infestations and in situations where thorough coverage is difficult to achieve. |

| Crop | Pest | Use Rate per Acre | Use Directions |
|--|--|-------------------|---|
| Citrus Crop Group: CalamondinCitrus citron Citrus hybrids, (includes chironja, tangelo, tangor) GrapefruitKumquat Lemon Lime Mandarin(angerine) Orange sour Orange sweet PummeloSatsuma mandarin White sapote (Casimiroa spp.) | Asian citrus psyllid ¹ Citrus rust mite | 4.0 pints | USE RESTRICTIONS All geographies: <ul style="list-style-type: none"> • Apply by ground using a minimum of 100 gallons² of water per acre. • Do not apply more than 4.0 pints per acre per growing season. • Do not make more than 2 applications per growing season. • Allow 14 days between applications. • Do not apply within 14 days of harvest. • Do not apply to citrus nurseries or citrus in greenhouses. • Do not apply by air. • Do not apply through any type of irrigation system. West of the Mississippi River: <ul style="list-style-type: none"> • Do not apply more than 8.0 pints per acre per growing season. RECOMMENDATIONS <ul style="list-style-type: none"> • For best results, use for control of adults and nymphs present at time of application when newly expanded foliage flush is present. |
| | Citrus thrips (suppression only) Citrus Leafminer Leafhoppers Mealybugs Mites (see Target Species) | 2.0 to 4.0 pints | |

¹For best results, use for control of adults and nymphs present at time of application when newly expanding foliage flush is present.

²The use of higher water volumes is recommended for thorough coverage.

| | | | |
|---|----------------------------|---|--|
| Cotton for Use by Both Air and Ground Application | Mites (see Target Species) | Early season¹ (when cotton is less than 10-inches in height) 0.4 fl oz to 1.0 pint (6.0 to 16.0 fl oz) | USE RESTRICTIONS <ul style="list-style-type: none"> • Apply by ground using a minimum of 10 gallons of water per acre or by air using a minimum of 3 gallons of water per acre. As canopy density increases use of higher water volume will assure better coverage. • Do not apply more than 2.0 pints per acre per growing season. • Do not make more than 2 applications per growing season. • Do not apply within 14 days of harvest. • Do not apply through any type of irrigation system. |
| | | Mid-season (when cotton is more than 10-inches in height) 1.0 pint by ground ² 1.25 to 2.0 pints by air (20.0 to 32.0 fl oz) | |
| | Whitefly | 2.0 pints | |

¹For early season use, when cotton is less than 10 inches in height, FujiMite 5EC Miticide/Insecticide may also be applied as a directed spray using ground spray equipment.

²When applying by ground equipment, apply as a directed spray for best results.

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| Crop | Pest | Use Rate per Acre | Use Directions |
|---|---|-------------------|--|
| <p>Fruiting Vegetable Crop Group 8: Bell pepper Chili pepper Cooking pepper Pimento Eggplant Groundcherry Okra Pepino Sweet pepper Tomatillo Tomato</p> | <p>Mites (see Target Species) Potato Pyllid Whitefly</p> | <p>2.0 pints</p> | <p>USE RESTRICTIONS</p> <ul style="list-style-type: none"> • Apply by ground using a minimum of 20 gallons of water per acre. • Do not apply more than 4.0 pints per acre per growing season. • Do not make more than 2 applications per growing season. • Do not apply within 1 day of harvest. • Do not apply through any type of irrigation system. |
| <p>Greenhouse Tomatoes</p> | <p>Mites (see Target Species) Potato Psyllid Whitefly</p> | <p>2.0 pints</p> | <p>USE RESTRICTIONS</p> <ul style="list-style-type: none"> • Apply by ground using a minimum of 100 gallons of water per acre. • Do not apply more than 4.0 pints per acre per growing season. • Do not make more than 2 applications per growing season. • Do not apply within 1 day of harvest. • Do not apply through any type of irrigation system. <p>RECOMMENDATIONS</p> <ul style="list-style-type: none"> • Apply in sufficient water to obtain complete coverage of all plant parts. Applications may be made with high volume, low volume or ultra low volume (thermal and non-thermal foggers, misters, etc) ground equipment only. Follow the spray equipment manufacturer's directions to determine the amount of spray solution required to obtain thorough coverage. Consult the spray equipment manufacturer's operator's manual, spray nozzle catalogs and/or your crop advisor for more information. |

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| Crop | Pest | Use Rate per Acre | Use Directions |
|--|---|-------------------------------|--|
| Grapes | Mites (see Target Species) Mealybugs Powdery Mildew (suppression) | 2.0 pints | USE RESTRICTIONS <ul style="list-style-type: none"> • Apply by ground using a minimum of 50 gallons of water per acre. • Do not apply more than 2.0 pints per acre per growing season. • Do not make more than 2 applications per growing season. • Do not apply within 14 days of harvest. • Do not apply through any type of irrigation system. |
| | Willamette mite | 1.5 to 2.0 pints | |
| | Leafhoppers (see Target Species) | 1.0 to 2.0 pints ¹ | |
| ¹ Use higher rate for dense foliage. Best control of leafhoppers is achieved by applications when majority of the population is in an immature development stage. | | | |
| Hops | Mites (see Target Species) | 2.0 to 3.0 pints | USE RESTRICTIONS <ul style="list-style-type: none"> • Do not use less than 2.0 pints per acre on hops that have grown to full height. • Do not make more than 2 applications per growing season. • Do not exceed 3.0 pints of product per acre per growing season. • Do not apply within 15 days of harvest. • Do not make subsequent applications without rotating to at least two other miticide products outside of group 21A between applications. • Do not apply through any type of irrigation system. RECOMMENDATIONS <ul style="list-style-type: none"> • For best results, apply before mite populations exceed 5 mites per leaf. • For treatments when there is less than a full canopy of growth, the total amount of FujiMite 5EC Miticide/Insecticide used per acre may be reduced according to the percentage of canopy sprayed compared to the normal full canopy. • Spray concentrations above 100 ppm are recommended with full coverage high volume spray |

| | | | |
|--|--|-------------------------|--|
| | | | <p>equipment.</p> <p>WARNING Leaf yellowing may occur when FujiMite 5EC Miticide/Insecticide is combined with spray oil in excess of 1% of the spray volume. If this symptom occurs, it is usually more pronounced on newly expanding leaves. This symptom may occur in plants under stress and is worsened by certain conditions including the following:</p> <ul style="list-style-type: none"> • High Temperatures (air temperatures exceeding 90°F at the time of application or within a few days after application). • Wet soil conditions and high humidity (rainy, misty, or foggy weather within a few days after application). • Storm damage (including hail and wind). |
| <p>Mint peppermint, spearmint</p> | <p>Mites (see Target Species)</p> | <p>1.0 to 2.0 pints</p> | <p>USE RESTRICTIONS</p> <ul style="list-style-type: none"> • Apply by ground using a minimum of 25 gallons of water per acre. • Do not apply more than 2.0 pints per acre per growing season. • Do not make more than 2 applications per growing season. • Allow 7 days between applications. • Do not apply within 1 day of harvest. • Do not apply by air. • Do not apply through any type of irrigation system. |

| Crop | Pest | Use Rate per Acre | Use Directions |
|---|---|-------------------------------|--|
| Nonbearing Deciduous Fruit and Nut Trees and Vines | Leafhoppers Mealybugs Mites (see Target Species) | 1.0 to 2.0 pints ¹ | USE RESTRICTIONS <ul style="list-style-type: none"> • Apply by ground using a minimum of 75 gallons of water per acre. • Do not apply more than 2.0 pints per acre per growing season. • Do not make more than 2 applications per growing season. • Do not harvest edible crops for 12 months following application. • Do not apply to citrus nurseries or citrus in greenhouses. • Do not apply through any type of irrigation system. |
| <p>¹For smaller canopy orchards requiring less water for full coverage spray, the rate of product applied per acre may be reduced according to the total spray volume applied per acre. Maintain a final spray concentration of no less than 2.0 pints per 200 gallons of water. For concentrate spray applications use this same guide for determining the rate of product per acre. Example: For orchards requiring 100 gallons water for full coverage dilute spray, 1 pint per acre may be used for either dilute or concentrate spray applications.</p> | | | |
| Ornamentals | Leafhoppers Mealybugs Mites (see Target Species) | 2.0 pints | USE RESTRICTIONS <ul style="list-style-type: none"> • Apply by ground using a minimum of 50 gallons of water per acre. • Do not apply more than 2.0 pints per acre per growing season. • Do not apply more than 2 applications per growing season. • Do not apply to citrus nurseries or citrus in greenhouses. • Do not apply through any type of irrigation system. |

| Crop | Pest | Use Rate per Acre | Use Directions |
|--|---|-------------------------------|--|
| Pome Fruit apple, pear, crabapple, loquat, mayhaw, medlar, quince | Leafhoppers Mealybugs Mites (see Target Species) | 1.0 to 2.0 pints ¹ | USE RESTRICTIONS <ul style="list-style-type: none"> • Apply by ground using a minimum of 100 gallons of water per acre. • Do not apply more than 2.0 pints per acre per growing season. • Do not make more than 2 applications per growing season. • Do not apply within 14 days of harvest. • Do not apply through any type of irrigation system. • Do not apply by Alternate Row Middle (ARM) spray method. |
| | Pear psylla | 2.0 pints | |
| ¹ For smaller canopy orchards requiring less water for full coverage spray, the rate of product applied per acre may be reduced according to the total spray volume applied per acre. Maintain a final spray concentration of no less than 2.0 pints per 200 gallons of water. For concentrate spray applications, use this same guide for determining the rate of product per acre. Example: For orchards requiring 100 gallons water for full coverage dilute spray, 1 pint per acre may be used for either dilute or concentrate spray applications. | | | |

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| Crop | Pest | Use Rate per Acre | USE DIRECTIONS |
|---|---------------------------------------|-------------------------------------|---|
| <p>Almonds and Pistachios</p> | <p>Mites (see Target Species)</p> | <p>1.5 to 4.0 pints¹</p> | <p>USE RESTRICTIONS WEST OF THE MISSISSIPPI RIVER</p> <ul style="list-style-type: none"> • Apply by ground using a minimum of 100 gallons of water per acre. • Do not apply more than 8.0 pints per acre per growing season. • Do not make more than 2 applications per growing season. • Allow 14 days between applications. • Do not apply within 14 days of harvest. • Do not apply by air. • Do not apply through any type of irrigation system. |
| <p>Tree Nuts (excluding almonds and pistachios) beech nut, Brazil nut, butternut, cashew, chestnut, chinquapin, filbert, hickory nut, macadamia nut, pecans, and black and English walnut</p> | <p>Mites (see Target Species)</p> | <p>1.5 to 4.0 pints¹</p> | <p>USE RESTRICTIONS WEST OF THE MISSISSIPPI RIVER</p> <ul style="list-style-type: none"> • Apply by ground using a minimum of 100 gallons of water per acre. • Do not apply more than 4.0 pints per acre per growing season. • Do not make more than 2 applications per growing season. • Allow 14 days between applications. • Do not apply within 14 days of harvest. • Do not apply by air. • Do not apply through any type of irrigation system. |
| <p>Tree Nuts Almond, beech nut, Brazil nut, butternut, cashew, chestnut, chinquapin, filbert, hickory nut, macadamia nut, pecans, pistachio and black and English walnut</p> | <p>Mites (see Target Species)</p> | <p>2.0 pints¹</p> | <p>USE RESTRICTIONS ALL GEOGRAPHIES</p> <ul style="list-style-type: none"> • Apply by ground using a minimum of 100 gallons of water per acre. • Do not apply more than 2.0 pints per acre per growing season. • Do not make more than 1 application per growing season. • Do not apply within 14 days of harvest. • Do not apply by air. • Do not apply through any type of irrigation system. |

¹For smaller canopy orchards requiring less water for full coverage spray, the rate of product applied per acre may be reduced according to the total spray volume applied per acre. Maintain a final spray concentration of no less than 2.0 pints per 100 gallons of water. For concentrate spray applications, use this same guide for determining the rate of product per acre.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry place.

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: Nonrefillable container. DO NOT reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by State or local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE

By using this product, user or buyer accepts the following conditions, warranty, disclaimer of warranties, and limitations of liability.

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