

71711-19

1/12/2009

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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

JAN 12 2009

Shannon Yanocha  
Nichino America, Inc.  
4550 New Linden Hill Rd., Ste. 501  
Wilmington, DE 19808

**Subject: Notification(s) for Label Revisions under PRN 98-10 and PRN 2007-4  
Updated Warranty Statement**

Dear Ms. Yanocha:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notices (PRN) 98-10 and 2007-4 dated October 20, 2008 for:

**EPA Registration 71711-19**

**FujiMite 5EC Miticide/Insecticide**

The Registration Division (RD) has conducted a review of the request(s) for applicability under PRN 98-10 and PRN 2007-4 and finds that the label changes requested fall within the scope of PRN-98-10 and PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identify the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Nicole Williams of my staff at 703-308-5551.


Sincerely,

A handwritten signature in black ink, appearing to be "Linda Arrington".

Linda Arrington  
Notifications & Minor Formulations Team Leader  
Registration Division (7505P)  
Office of Pesticide Programs

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0080

	United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide - Section I**

<b>1. Company/Product Number</b> 71711-19	<b>2. EPA Product Manager</b> Kimberly Nesci	<b>3. Proposed Classification</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
<b>4. Company/Product (Name)</b> FujiMite SEC Miticide/Insecticide	<b>PM#</b> 11	
<b>5. Name and Address of Applicant (Include ZIP Code)</b> Nichino America, Inc. 4550 New Linden Hill Rd., Suite 501 Wilmington, DE 19808 <input type="checkbox"/> Check if this is a new address		<b>6. Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar to _____ and labeling to: <input checked="" type="checkbox"/> EPA Reg. No. <u>JAN 12 2009</u> Product Name _____

**Section - II**

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

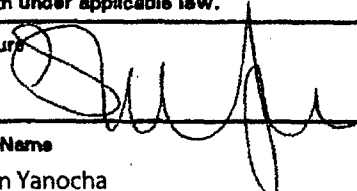
**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Non-PRIA action: Notification of revised storage and disposal statement per PR-Notice 2007-4 and revised warranty statements per the EPA OPP document, "Guidance on Warranty Statements", dated October 17, 2006.

**Section - III**

<b>1. Material This Product Will Be Packaged In:</b>			
<b>Child-Resistant Packaging</b> <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	<b>Unit Packaging</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>Water Soluble Packaging</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Type of Container</b> <input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt.    No. per container	If "Yes" Package wgt    No. per container
<b>3. Location of Net Contents Information</b> <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		<b>4. Size(s) Retail Container</b> 2.5 gallons	<b>5. Location of Label Directions</b> <input type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product
<b>6. Manner in Which Label is Affixed to Product</b> <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____			

**Section - IV**

<b>1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)</b>		
<b>Name</b> Shannon Yanocha	<b>Title</b> Registration Specialist	<b>Telephone No. (Include Area Code)</b> 302-636-9001
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		<b>6. Date Application Received (Stamped)</b>
<b>2. Signature</b> 	<b>3. Title</b> Registration Specialist	
<b>4. Typed Name</b> Shannon Yanocha	<b>5. Date</b> 1/18/09	

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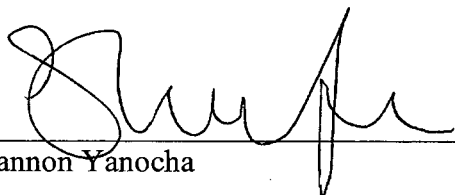
**CERTIFICATION STATEMENT**

**NOTIFICATION OF REVISIONS TO THE LABEL**

**PER PR NOTICE 98-10**

**Nichino America, Inc. FujiMite 5EC Miticide/Insecticide  
(EPA Reg. No. 71711-19)**

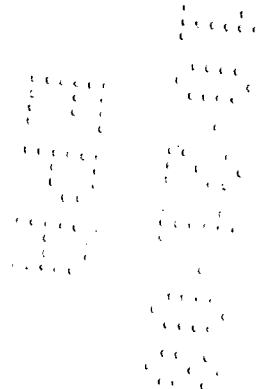
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.



Shannon Yanocha

Registration Specialist  
Title

10/20/08  
Date



**Nichino America, Inc.**

**Linden Park, Suite 501  
4550 New Linden Hill Road  
Wilmington, DE 19808  
Tel: 302-636-9001 Fax: 302-636-9122**

October 20, 2008

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (7504P)  
U.S. Environmental Protection Agency  
Room S-4900, One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202-4501

**RE: NOTIFICATION of Revised Storage and Disposal and Warranty Statements:  
Nichino America, Inc. FujiMite 5EC Miticide/Insecticide (EPA Reg. No. 71711-19)**

To Whom It May Concern:

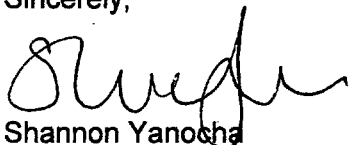
Nichino America, Inc. hereby submits a notification for the revision of storage and disposal and warranty statements for FujiMite 5EC Miticide/Insecticide (EPA Reg. No. 71711-19). Alternate brand names for this product include Portal and Ortus Super. The storage and disposal statements are revised according to PR-Notice 2007-4 and the revised warranty statements were based on the document from the EPA Office of Pesticide Program "Guidance on Warranty Statements" dated, October 17, 2006.

To support this notification, included are the following:

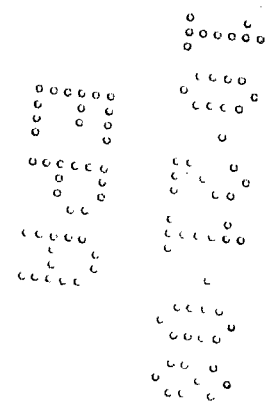
- EPA Form 8570-1
- Two (2) copies of labeling, one highlighting changes (identified as FUJ19q-101608)
- PR Notice 98-10 Certification Statement

If you have any questions, you are welcome to call me at (302) 636-9001, extension 227 or email me at [syanocha@nichino.net](mailto:syanocha@nichino.net).

Sincerely,



Shannon Yanocha  
Registration Specialist



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Nichino America, Inc.

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FUJ19q-101608  
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**FujiMite<sup>®</sup> 5EC**  
MITICIDE/INSECTICIDE

**NOTIFICATION**

Alternate Brand: Portal  
Alternate Brand: Ortus Super

JAN 12 2009

**ACTIVE INGREDIENT:**

**Fenpyroximate:** *tert*-butyl(E)- $\alpha$ -(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

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING - AVISO**

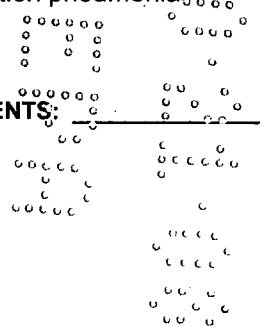
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
<b>If in eyes</b>	<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.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>Immediately call a poison control center or doctor.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give any liquid to the person.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on skin or clothing</b>	<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> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
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  
[www.nichino.net](http://www.nichino.net)



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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**

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 overlying 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.

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**Minimum Honey Bee Toxicity**

Applications to all crops may be made at anytime. Fenpyroximate is practically nontoxic to bees and wasps.

**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 used for the control of leafhoppers, mealybugs, mites, 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** is a 5% Emulsifiable Concentrate which contains 0.40 lb fenpyroximate per gallon.

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

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 red mite	Pecan leaf scorch mite
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	Willamette spider mite
McDaniel mite	Variegated leafhopper

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## Nichino America, Inc.

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### 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 gpa in the "Directions for Use".
- For aerial equipment, use larger droplet size (greater than 200 microns).
- Thorough spray coverage is essential for mite 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 tankmix product prior to any tank mixing with **FujiMite 5EC**. Begin with clean equipment. Prepare only the amount of spray solution needed to treat the target area. Add sufficient clean water to the spray tank for one-half of the mix load. Where possible, start agitation and properly suspend the necessary amount of **FujiMite 5EC** in the tank. Agitate to ensure thorough mixing while adding the remaining required water volume and other products. **FujiMite 5EC** should be properly suspended and diluted prior to application. Follow normal agricultural spray practices for the crop being treated. Maintain agitation during mixing and application. If agitation is stopped for any reason, the spray solution must be thoroughly remixed prior to further use.

**Read and follow all label directions for each tankmix product. Always use in accordance with the most restrictive of label precautions and limitations.**

### 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** in successive miticide applications. Rotate the use of **FujiMite 5EC** with alternate mode of action insecticides:

- miticides must be rotated with alternate products **for resistance management**
- avoid using products with same mode of action; for example, **FujiMite 5EC** and Pyramite™ /Nexter (pyridaben) are both METI-2 inhibitors and should not be rotated with each other

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.

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### 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.

**CROPS**

<b>Crop</b>	<b>Pests</b>	<b>Rate per acre</b>	<b>Spray Volume</b>	<b>Use Directions and Restrictions</b>
<b>Citrus</b> calamondin; citrus citron; citrus hybrids, including chironja, tangelo, tangor; grapefruit; kumquat; lemon; lime; mandarin, tangerine; sour orange; sweet orange; pummelo; satsuma mandarin	Asian citrus psyllid <sup>1</sup> Citrus rust mite	4 pints	Minimum 100 gallons water per acre using ground or airblast (air assist) spray equipment	All geographies: ▪ Do not apply more than 4 pints per acre per season. ▪ Do not make more than 2 applications per 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 Mississippi River: ▪ Do not apply more than 8 pints per acre per season.
	Citrus thrips (suppression only) Leafhoppers Mealybugs Other Mites (see <b>Target                      Species</b> )	2 to 4 pints		
<sup>1</sup> For best results, use for control of adults and nymphs present at time of application when newly expanding foliage flush is present.				

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**Nichino America, Inc.**

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<b>Crop</b>	<b>Pests</b>	<b>Rate per acre</b>	<b>Spray Volume</b>	<b>Use Directions and Restrictions</b>
Cotton for Use by Both Air and Ground Application	Mites (see <b>Target Species</b> )	<b>Early season</b> <sup>1</sup> (less than 10 inches in height) 0.38 to 1 pint (6 to 16 oz)	Minimum 10 gallons water per acre by ground; Minimum 3 gallons water per acre by air	<ul style="list-style-type: none"> <li>▪ Do not apply more than 2 pints per acre per season.</li> <li>▪ Do not make more than 2 applications per season.</li> <li>▪ Do not apply within 14 days of harvest.</li> <li>▪ Do not apply through any type of irrigation system.</li> </ul>
		<b>Mid-season</b> (more than 10 inches in height) 1 pint by ground <sup>2</sup> 2 pints by air		
<p><sup>1</sup> For early season use, when cotton is less than 10 inches in height, FujiMite 5EC may also be applied as a directed spray using ground spray equipment.</p> <p><sup>2</sup> When applying by ground equipment, apply as a directed spray for best results.</p>				

<b>Crop</b>	<b>Pests</b>	<b>Rate per acre</b>	<b>Spray Volume</b>	<b>Use Directions and Restrictions</b>
Grapes	Mites (see <b>Target Species</b> ) Mealybugs	2 pints	Minimum 50 gallons water per acre using ground spray equipment	<ul style="list-style-type: none"> <li>▪ Do not apply more than 2 pints per acre per season.</li> <li>▪ Do not make more than 2 applications per season.</li> <li>▪ Do not apply within 14 days of harvest.</li> <li>▪ Do not apply through any type of irrigation system.</li> </ul>
	Willamette mite	1.5 to 2 pints		
	Leafhoppers (see <b>Target Species</b> )	1 to 2 pints <sup>1</sup>		
<p><sup>1</sup> 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.</p>				

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**Nichino America, Inc.**

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Crop	Pests	Rate per acre	Use Directions and Restrictions
Hops	Mites (see Target Species)	2 to 3 pints (32 - 48 fl oz) (0.1–0.15 lb ai)	<ul style="list-style-type: none"> <li>▪ For best results, apply before mite populations exceed 5 mites per leaf.</li> <li>▪ For treatments when there is less than a full canopy of growth, the total amount of FujiMite 5EC used per acre may be reduced according to the percentage of canopy sprayed compared to the normal full canopy.</li> <li>▪ Do not use less than 2 pints per acre on hops that have grown to full height.</li> <li>▪ Spray concentrations above 100 ppm are recommended with full coverage high volume spray equipment.</li> <li>▪ Do not make more than 2 applications per season.</li> <li>▪ Do not exceed 3 pints of product per acre per season.</li> <li>▪ Do not apply within 15 days of harvest.</li> <li>▪ Do not make subsequent applications without rotating to at least two other miticide products between applications.</li> <li>▪ Do not apply through any type of irrigation system.</li> </ul> <p><b>WARNING</b> Leaf yellowing may occur when <b>FujiMite 5EC</b> 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"> <li>▪ High Temperatures (air temperatures exceeding 90°F at the time of application or within a few days after application).</li> <li>▪ Wet Soil Conditions and High Humidity (rainy, misty, or foggy weather within a few days after application).</li> <li>▪ Storm Damage (including hail and wind).</li> </ul>

Crop	Pests	Rate per acre	Spray Volume	Use Directions and Restrictions
Mint peppermint, spearmint	Mites (see Target Species)	1 to 2 pints	Minimum 25 gallons water per acre using ground or airblast (air assist) spray equipment	<ul style="list-style-type: none"> <li>▪ Do not apply more than 2 pints per acre per season.</li> <li>▪ Do not make more than 2 applications per season.</li> <li>▪ Do not apply within 1 day of harvest.</li> <li>▪ Do not apply by air.</li> <li>▪ Do not apply through any type of irrigation system.</li> </ul>

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<b>Crop</b>	<b>Pests</b>	<b>Rate per acre</b>	<b>Spray Volume</b>	<b>Use Directions and Restrictions</b>
<b>Nonbearing Deciduous Fruit and Nut Trees and Vines</b>	Leafhoppers Mealybugs Mites (see <b>Target Species</b> )	1 to 2 pints <sup>1</sup>	Minimum 75 gallons water per acre using ground or airblast (air assist) spray equipment	<ul style="list-style-type: none"> <li>▪ Do not apply more than 2 pints per acre per season.</li> <li>▪ Do not make more than 2 applications per season.</li> <li>▪ Do not harvest edible crops for 12 months following application.</li> <li>▪ Do not apply to citrus nurseries or citrus in greenhouses.</li> <li>▪ Do not apply through any type of irrigation system.</li> </ul>
	Pear psylla	2 pints		
<p><sup>1</sup> 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 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>				

<b>Crop</b>	<b>Pest</b>	<b>Rate per acre</b>	<b>Spray Volume</b>	<b>Use Directions and Restrictions</b>
<b>Ornamentals</b>	Leafhoppers Mealybugs Mites (see <b>Target Species</b> )	2 pints	Minimum 50 gallons water per acre using ground spray equipment	<ul style="list-style-type: none"> <li>▪ Do not apply more than 2 pints per acre per season.</li> <li>▪ Do not apply more than 2 applications per season.</li> <li>▪ Do not apply to citrus nurseries or citrus in greenhouses.</li> <li>▪ Do not apply through any type of irrigation system.</li> </ul>

<b>Crop</b>	<b>Pests</b>	<b>Rate per acre</b>	<b>Spray Volume</b>	<b>Use Directions and Restrictions</b>
<b>Pome Fruit</b> apple, pear, crabapple, loquat, mayhaw, medlar, quince	Leafhoppers Mealybugs Mites (see <b>Target Species</b> )	1 to 2 pints <sup>1</sup>	Minimum 100 gallons water per acre using ground sprayer or airblast (air assist) spray equipment	<ul style="list-style-type: none"> <li>▪ Applications may be made from petal fall up to 14 days before harvest to control motile and mature stages of mites, leafhoppers, or psylla.</li> <li>▪ Do not apply more than 2 pints per acre per season.</li> <li>▪ Do not make more than 2 applications per season.</li> <li>▪ Do not apply within 14 days of harvest.</li> <li>▪ Do not apply through any type of irrigation system.</li> </ul>
	Pear psylla	2 pints		
<p><sup>1</sup> 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 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>				

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Crop	Pests (see Target Species)	Rate per acre	Spray Volume	Use Directions and Restrictions
Almonds and Pistachios		1.5 to 4 pints <sup>1</sup>	Minimum 100 gallons water per acre using ground or airblast (air assist) spray equipment	<p>All geographies</p> <ul style="list-style-type: none"> <li>▪ Do not apply more than 2 pints per acre per season.</li> <li>▪ Do not make more than 1 application per season.</li> <li>▪ Do not apply within 14 days of harvest.</li> <li>▪ Do not apply by air.</li> <li>▪ Do not apply through any type of irrigation system.</li> </ul> <p>West of Mississippi River:</p> <ul style="list-style-type: none"> <li>▪ Do not apply more than .8 pints per acre per season.</li> <li>▪ Do not make more than 2 applications per season.</li> <li>▪ Allow 14 days between applications.</li> </ul>
<p><b>Tree Nuts (excluding almonds and pistachios)</b> beech nut, Brazil nut, butternut, cashew, chestnut, chinquapin, filbert, hickory nut, macadamia nut, pecans, and black and English walnut</p>				<p>West of Mississippi River:</p> <ul style="list-style-type: none"> <li>▪ Do not apply more than 4 pints per acre per season.</li> </ul>
<p><b>Tree Nuts</b> almond, beech nut, Brazil nut, butternut, cashew, chestnut, chinquapin, filbert, hickory nut, macadamia nut, pecans, pistachio, and black and English walnut</p>		2 pints <sup>1</sup>		<p>All geographies</p> <ul style="list-style-type: none"> <li>▪ Do not apply more than 2 pints per acre per season.</li> <li>▪ Do not make more than 1 application per season.</li> <li>▪ Do not apply within 14 days of harvest.</li> <li>▪ Do not apply by air.</li> <li>▪ Do not apply through any type of irrigation system.</li> </ul>
<p><sup>1</sup> 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 pints per 100 gallons of water. For concentrate spray applications, use this same guide for determining the rate of product per acre.</p>				

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**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  $\frac{1}{4}$  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 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.

**CONDITIONS:** The directions for use of this product are believed to be accurate and should be followed carefully. However, because of extreme weather and soil conditions, use methods and other factors beyond the control of Nichino America, Inc. (NAI), it is impossible for NAI to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. To the extent consistent with applicable law, all such risks are assumed by the user or buyer.

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**NOTIFICATION**

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