ACCEPTED

FujiMite 5EC FUJ19g-020207 Page 1 of 13

# FujiMite® 5EC MITICIDE/INSECTICIDE

Alternate Brand: Portal™

FEB 2 2 2007

Under the Pederal Inserticida, Punglede, and Rodshiloids Act, as amended, for the pesticide registered under//?//-/9 RPA Reg. No.

#### **ACTIVE INGREDIENT:**

Tert-butyl(E)-α-(1,3-dimethyl-5-phenoxypyrazol-4-ylmethyleneaminoxy)-p-toluate5.0%OTHER INGREDIENTS\*:95.0%TOTAL100.0%

Contains 0.4 lb. active ingredient per U.S. gallon \*Contains petroleum distillates

EPA Reg. No. 71711-19 EPA Est. No.

# 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> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>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>
If inhaled	<ul> <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>
If swallowed	<ul> <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>
If on skin or clothing	<ul> <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.

For product information, use internet website: www.nichino.net

NET CONTENTS:	
---------------	--

FujiMite 5EC FUJ19g-020207 Page 2 of 13

# 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 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.\_\_\_\_\_

FujiMite 5EC FUJ19g-020207 Page 3 of 13

### **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	Pacific spider mite		
Broad mite	Pear psylla		
Citrus red mite	Strawberry spider mite		
Citrus rust mite	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		

4/13

FujiMite 5EC FUJ19g-020207 Page 4 of 13

#### **APPLICATION DIRECTIONS**

Applications should be made immediately after the spray solution is prepared. Thorough spray coverage is essential for mite control. Applications may be made with high or low volume spray equipment that provides thorough coverage of the plant. Apply with properly calibrated spray equipment.

#### **APPLICATION RESTRICTIONS**

- Do not apply by air or chemigation.
- Do not apply within 75 feet of all aquatic areas by ground boom and airblast applications.
- Do not apply FujiMite 5EC on cotton east of the Mississippi River.
- Do not plant rotational crops other than those listed on this label for 30 days following the last application of this product.

#### 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. DO NOT use **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<sup>™</sup> /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. For best results, do not make more than one application of **FujiMite 5EC** in a single growing season.



FujiMite 5EC FUJ19g-020207 Page 5 of 13

#### **SPRAY DRIFT MANAGEMENT**

Do not allow this product to drift onto nontarget areas. Do not apply when weather conditions may cause drift. Use of larger droplet size will also reduce spray drift.

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

## 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.

#### **Boom Height**

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.

## 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 may 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 temperature 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, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas).

6/13

FujiMite 5EC FUJ19g-020207 Page 6 of 13

## **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.

FujiMite 5EC FUJ19g-020207 Page 7 of 13

### **CROPS**

Citrus (calamondin, citrus citron, citrus hybrids (including chironja, tangelo, tangor), grapefruit, kumquat, lemon, lime, mandarin (tangerine), sour orange, sweet orange, pummelo, satsuma mandarin)

Apply **FujiMite 5EC** using ground or airblast (air assist) sprayer equipment in 100 to 400 gallons of water per acre to ensure uniform, adequate coverage. Use the higher spray volume to provide adequate coverage in larger trees with dense foliage. 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.

	Pests	Rate per acre	Use Restrictions
West of the Mississippi River	Citrus Rust Mite Asian Citrus psyllid	4 pints	<ul> <li>Do not apply more than 8 pints per acre per season.</li> <li>Do not make more than 2 applications per</li> </ul>
	Other Mites (see Target Species) Leafhoppers Mealybugs	1 to 4 pints <sup>1</sup>	season.  Do not apply within 14 days of harvest.  Allow 14 days between applications.  Do not apply by air.

	Pests	Rate per acre	Use Restrictions
East of the Mississippi River	Citrus Rust Mite Asian Citrus psyllid	4 pints	<ul> <li>Do not apply more than 4 pints per acre per season.</li> <li>Do not make more than 1 application per</li> </ul>
	Other Mites (see Target Species) Leafhoppers Mealybugs	2 to 4 pints <sup>1</sup>	season.  Do not apply within 14 days of harvest.  Do not apply by air.

<sup>&</sup>lt;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.

FujiMite 5EC FUJ19g-020207 Page 8 of 13

## Cotton (Use Limited to West of the Mississippi River)

Apply **FujiMite 5EC** using ground spray equipment in 10 to 40 gallons of water per acre to ensure uniform, adequate coverage. For early season use, when cotton is under 10 inches in height, apply in a directed spray using ground spray equipment. 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.

Apply as a broadcast or directed spray using sufficient water for thorough coverage adjusted for plant size and density.

Pest	Rate per acre	Spray Volume	Use Restrictions
Mites (see Target Species)	Early season (less than 10 inches in height) 0.25 to 1 pint	Minimum 10 gallons per acre	<ul> <li>Do not apply within 14 days of harvest.</li> <li>Do not apply more than 2 pints per acre per season.</li> <li>Do not use less than 1 pint per treated acre.</li> <li>Do not make more than 2 applications per season.</li> <li>Do not apply through any type of irrigation system.</li> </ul>
	Mid-season (more than 10 inches in height) 2 pints		be not apply an adjust of the principles of the

### Grapes

Apply FujiMite 5EC in 50 to 200 gallons of water per acre using ground spray equipment. Use the higher spray volume in mature vineyards with dense foliage to ensure adequate coverage. 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.

Pest	Rate per acre	Use Restrictions
Mealybugs	2 pints	Do not apply within 14 days of harvest.
Mites	,	<ul> <li>Do not apply more than 2 pints per acre per season.</li> </ul>
(see Target Species)		<ul> <li>Do not make more than 2 applications per season.</li> </ul>
Leafhoppers		<ul> <li>Do not apply through any type of irrigation system.</li> </ul>
(see Target Species)	1 – 2 pints <sup>1</sup>	

<sup>1</sup> Use higher rate for dense foliage requiring high spray volume. Best control of leafhoppers is achieved by applications when majority of the population is in an immature development stage.

9/13

FujiMite 5EC FUJ19g-020207 Page 9 of 13

#### **HOPS**

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** used per acre may be reduced according to the percentage of canopy sprayed compared to the normal full canopy. Do not use less than two pints **FujiMite 5EC** per acre on hops that have grown to full height.

**RECOMMENDED APPLICATION RATES FOR FUJIMITE 5EC ON HOPS** 

Pest	Application Rate Per Acre	Specific Use Directions and Restrictions
Mites (see Target Species)	2 to 3 pints (32 - 48 fl oz) (0.1–0.15 lb ai)	<ul> <li>Use in sufficient volume to obtain uniform plant coverage using properly calibrated high or low volume spray equipment.</li> <li>Spray concentrations above 100 ppm are recommended with full coverage high volume spray equipment.</li> <li>Do not apply within 15 days of harvest.</li> <li>Do not make more than 1 application per season.</li> <li>Do not exceed 48 fluid ounces of product per acre per season.</li> <li>Do not apply this product by air or through any type of irrigation system. Applications may be made using ground equipment only.</li> <li>Do not make subsequent applications without rotating to at least two other miticide products between applications.</li> </ul>

# The following table is a guide to assist in calculating the appropriate spray concentration:

Amount of FujiMite 5EC for 100 ppm Spray Concentration		
Spray Volume per Acre Pints FujiMite 5EC		
75	1.2	
100	1.6	
125	2.0	
150	2.4	
188	3.0	

## **WARNING**

Leaf yellowing may occur when **FujiMite 5EC** 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:

- 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)

FujiMite 5EC FUJ19g-020207 Page 10 of 13

# Mint (peppermint, spearmint)

Apply **FujiMite 5EC** using ground or airblast (air assist) sprayer equipment in a minimum of 25 to 50 gallons of water per acre to ensure uniform, adequate coverage. Use the higher spray volume to provide adequate coverage in dense foliage. 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.

Pests	Rate per acre	Use Restrictions	
Mites (see Target Species)	1 to 2 pints	<ul> <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 1 day of harvest.</li> <li>Do not apply by air.</li> </ul>	

## Nonbearing Deciduous Fruit and Nut Trees and Vines

Apply **FujiMite 5EC** using ground or airblast (air assist) sprayer equipment in 100 to 200 gallons of water per acre to ensure uniform, adequate coverage. Use the higher spray volume to provide adequate coverage in larger trees with dense foliage. 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.

Pests	Rate per acre	Use Restrictions
Leafhoppers Mealybugs Mites (see Target Species)	1 to 2 pints <sup>1</sup>	<ul> <li>Do not harvest edible crops for 12 months following application.</li> <li>Do not apply more than 2 pints per acre per season.</li> </ul>
Pear psylla	2 pints²	<ul> <li>Do not make more than 2 applications per season.</li> <li>Do not apply through any type of irrigation system.</li> </ul>

<sup>&</sup>lt;sup>1</sup> Full coverage dilute spray rate is based on 2 pints per 200 gallons water per acre. 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.

For control of pear psylla, use 2 pints per acre, applied in a maximum of 200 gallons of water per acre. Do not apply less than 2 pints FujiMite 5EC per acre and use adequate spray volume of water per acre to achieve full coverage.

11/13

FujiMite 5EC FUJ19g-020207 Page 11 of 13

#### **Ornamentals**

Apply **FujiMite 5EC** in 50 to 200 gallons of water per acre using ground spray equipment to ensure uniform, adequate coverage. Use the higher spray volumes in nurseries or on plants with dense foliage to ensure adequate coverage. 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.

Pest	Rate per acre	Use Restrictions
Leafhoppers Mealybugs Mites (see Target Species)	2 pints	<ul> <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 through any type of irrigation system.</li> </ul>

Pome Fruit (apple, pear, crabapple, loquat, mayhaw, medlar, quince)

Apply FujiMite 5EC in 100 to 200 gallons of water per acre using ground sprayer or airblast (air assist) spray equipment. Applications may also be made using concentrate spray equipment (see note below). Use the higher spray volume to provide adequate coverage in larger trees with dense foliage. Applications may be made from petal fall up to 14 days before harvest to control motile and mature stages of mites, leafhoppers, or psylla. 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.

Pests	Rate per acre	Use Restrictions	
eafhoppers lealybugs 1 to 2 pints <sup>1</sup> lites lites litee Target Species)		<ul> <li>Do not apply within 14 days of harvest.</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 through any type of irrigation system.</li> </ul>	
Pear psylla	2 pints <sup>2</sup>	To not apply through any type of imgation system.	

Full coverage dilute spray rate is based on 2 pints per 200 gallons water per acre. 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.

For control of pear psylla, use 2 pints per acre, applied in a maximum of 200 gallons of water per acre. Do not apply less than 2 pints FujiMite 5EC per acre and use adequate spray volume of water per acre to achieve full coverage.

FujiMite 5EC FUJ19g-020207 Page 12 of 13

Tree Nuts (almond, beech nut, Brazil nut, butternut, cashew, chestnut, chinquapin, filbert, hickory nut, macadamia nut, pecans, pistachio, and black and English walnut)

Apply FujiMite 5EC using ground or airblast (air assist) sprayer equipment in 100 to 200 gallons of water per acre to ensure uniform, adequate coverage. Use the higher spray volume to provide adequate coverage in larger trees with dense foliage. 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.

Crop	Pests	Rate per acre	Use Restrictions
Almonds and Pistachios (west of Mississippi River)	Mites (see Target Species)	1 to 4 pints <sup>1</sup>	<ul> <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> <li>Do not apply within 14 days of harvest.</li> <li>Do not apply by air.</li> </ul>
Nuts, excluding almonds and pistachios (west of Mississippi River)	Mites (see Target Species)	1 to 4 pints <sup>1</sup>	<ul> <li>Do not apply more than 4 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> </ul>
Tree Nuts (east of Mississippi River)	Mites (see Target Species)	2 pints <sup>1</sup>	<ul> <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> </ul>

<sup>&</sup>lt;sup>1</sup>Full coverage dilute spray rate is based on 2 pints per 100 gallons water per acre. 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.

FujiMite 5EC FUJ19g-020207 Page 13 of 13

#### STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry place.

**PESTICIDE DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Triple rinse, or equivalent. Then offer for recycling or reconditioning, or puncture and dispose if in a sanitary landfill, or incineration, or if allowed by state and 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. All such risks are assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of NAI is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. NAI disclaims any liability whatsoever for incidental or consequential damages, including, but not limited to, liability arising out of breach of contract, express or implied warranty (including warranties of merchantability and fitness for a particular purpose), tort, negligence, strict liability, or otherwise.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT THE ELECTION OF NICHINO AMERICA, THE REPLACEMENT OF PRODUCT.

©2007. Nichino America, Inc.

FUJIMITE® is a trademark of Nichino America, Inc. Nexter® and Pyramite™ are trademarks of BASF Corporation.

020207