

# Miteus<sup>®</sup>

## MITICIDE/INSECTICIDE

GROUP 21A INSECTICIDE

**ACTIVE INGREDIENT:**

**Fenpyroximate:** Benzoic acid, 4-[[[(E)-[(1,3-dimethyl-5-phenoxy-1H-pyrazol-4-yl)methylene] amino]oxy]methyl]-1,1-dimethylethyl ester ..... 5.0%

**OTHER INGREDIENTS:** ..... 95.0%

**TOTAL** ..... 100.0%

Contains 0.42 lb active ingredient per U.S. gallon

(GM)

(CB)

(E)

EPA Reg. No. 71711-4

EPA Est. No. 67545-AZ-1

70815-GA-001

39578-TX-1

superscript corresponds with lot number

## 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.</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>  |
| <b>If swallowed</b>           | <ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to by a poison control center or doctor.</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>  |
| <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>   |

### HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information on this pesticide product including human health concerns and medical emergencies, call 1-800-348-5832. In case of fire or spills, information may be obtained by calling 1-800-424-9300.

**NOTE TO PHYSICIAN:** There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred.

*See inside booklet for Precautionary Statements and Directions for Use*

**NICHINO** Nichino America, Inc.  
4550 Linden Hill Road  
**AMERICA** Wilmington, DE 19808

**NET CONTENTS: 2.5 gallons**

**425006 10/19**

# PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### WARNING - AVISO

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (goggles or face shield). Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Harmful if inhaled. Avoid breathing spray mist. Remove contaminated clothing and wash clothing before reuse.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Protective eyewear
- Chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, and/or Viton™)
- Shoes plus socks

#### User Safety Requirements

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

#### Engineering Controls

When handlers use closed systems, enclosed cabs, or aircraft 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

- Do not eat, drink, smoke, or chew gum or tobacco while handling this product and until hands and face are thoroughly washed with soap and water.
- Do not use the toilet before thoroughly washing hands.
- If this product penetrated through your clothing or personal protective equipment, stop handling this product immediately, remove the clothing and equipment, wash your body thoroughly, and put on clean clothing and equipment before resuming the handling activity.
- After handling this product, remove personal protective equipment immediately. Wash the outside of gloves before taking them off. Shower or wash thoroughly and change into clean clothing as soon as possible.
- Discard clothing and personal protective equipment that cannot be reused including clothing and other absorbent materials that have been drenched or thoroughly contaminated with this product's concentrate. Otherwise, wash clothing and personal protective equipment (including both the inside and outside of gloves) before each day of reuse according to manufacturer's directions or, if no such directions, in detergent and hot water. Keep and wash them separately from other laundry.

#### 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 washwater or rinsate.

This product may impact surface water quality due to runoff of rainwater. This is especially true for poorly draining soils and soils with shallow groundwater. This product is classified as having medium to high potential for reaching both surface water and aquatic sediment via runoff for several weeks after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of this chemical from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this product's potential to reach aquatic sediment via runoff.

### Minimum Honey Bee Toxicity

Fenpyroximate is practically nontoxic to bees and wasps when applied to listed crops according to the label directions.

### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

### 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 state or tribal agency responsible for pesticide regulation.

### ENDANGERED SPECIES PROTECTION REQUIREMENTS

This product may have effects on endangered species. When using this product, you must follow the measures contained in the Endangered Species Protection Bulletin for the area in which you are applying the product. To obtain Bulletins, no more than six months before using this product, consult <http://www.epa.gov/espp/> or call 1-844-447-3813. You must use the Bulletin valid for the month in which you will apply the product.

### 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.

For early entry into 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, wear:

- Coveralls
- Protective eyewear
- Chemical-resistant gloves (such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, and/or Viton)
- Shoes plus socks

### GENERAL INFORMATION

**MITEUS**<sup>®</sup> Miticide/Insecticide is used for the control of leafhoppers, mealybugs, mites, and psyllids. **MITEUS** Miticide/Insecticide stops mite feeding immediately after application. **MITEUS** Miticide/Insecticide controls all motile stages of mites by inhibiting cellular respiration in the mitochondrion of cells which results in rapid cessation of all biological activities including feeding and reproduction. Mortality of mites can be observed within 3 to 7 days after intoxication.

**MITEUS** Miticide/Insecticide works primarily through contact action, **so thorough 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.

## TARGET SPECIES

|                    |                     |                         |
|--------------------|---------------------|-------------------------|
| Avocado brown mite | Mealybug species    | Six spotted mite        |
| Banks grass mite   | Pacific spider mite | Tomato/Potato psyllid   |
| Broad mite         | Persea mite         | Tomato russet mite      |
| Carmine mite       | Potato leafhopper   | Two-spotted spider mite |
| Cyclamen mite      | Powdery mildew*     | Whiteflies*             |

\*suppression

## APPLICATION DIRECTIONS

- Make applications 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 or state cooperative extension service for further information.

## USE OF ADJUVANTS

When thorough coverage is a concern, it is recommended that a spray adjuvant be used to maximize uniformity of coverage and performance of **MITEUS** Miticide/Insecticide. Use a nonionic activator type wetting, spreading, or penetrating adjuvant or horticultural spray oil adjuvant. Do not use a dormant oil or binder or sticker type adjuvant. Nonionic adjuvants (NIS) should contain at least 75% surfactant. Crop oil concentrates (COC), methylated seed or vegetable oils (MSO), organosilicone products (OS), or blends of these adjuvants should contain at least 15% emulsifier/surfactant. Check compatibility of any adjuvant used with **MITEUS** Miticide/Insecticide before using. Follow the Directions for Use on each adjuvant product label for rates of use and use restrictions.

## APPLICATION RESTRICTIONS

- Do not apply within 75 feet of fish-bearing waters.
- Do not use products with the same mode of action in consecutive applications.
- 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.
- Do not use in greenhouse structures.
- Do not apply by Alternate Row Middle (ARM) spray method.

## 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 **MITEUS** Miticide/Insecticide in successive miticide applications. Rotate the use of **MITEUS** 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.

## MIXING DIRECTIONS

**MITEUS Miticide/Insecticide Alone:** Shake well before using. Begin with clean equipment. Fill spray tank with  $\frac{3}{4}$  of the amount of water needed for the intended application and then turn on agitation. Pour specified amount of product on the surface of the 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. Mix only as much spray solution as can be sprayed within four hours. Storage and use of the previous day's spray mix may result in reduced activity.

**MITEUS Miticide/Insecticide Tank Mixtures:** Begin with clean equipment. Fill spray tank with  $\frac{3}{4}$  of the amount of water needed for the intended application and turn on agitation. If using a buffering agent, add after filling the tank with  $\frac{3}{4}$  amount of water. Add the recommended amount of tankmix products in the following order while maintaining agitation:

- 1) products in water-soluble packets
- 2) wettable powders
- 3) water-dispersible granulars and/or soluble powders
- 4) flowable liquids (including **MITEUS** Miticide/Insecticide)
- 5) emulsifiable concentrates
- 6) adjuvants and/or oils
- 7) remaining amount of water to achieve the desired level

Always follow the labeled mixing instructions of any partner products. 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. Storage and use of the previous day's spray mix may result in reduced activity.

**MITEUS Miticide/Insecticide Tank Mixture with Glyphosate:** Begin with clean equipment. Fill spray tank with  $\frac{3}{4}$  of the amount of water needed for the intended application and turn on agitation. Add a minimum of 10 lbs ammonium sulfate (AMS) per 100 gallons water as a conditioner/buffering agent while maintaining agitation. AMS is necessary to achieve proper mixing compatibility between **MITEUS** Miticide/Insecticide and glyphosate products. AMS can be in a dry or liquid form. Next add the recommended amount of **MITEUS** Miticide/Insecticide and then add the recommended amount of glyphosate product while maintaining agitation. Always follow the labeled mixing instructions. Maintain agitation during filling and spraying operations. If spraying must be stopped before emptying the sprayer, resume agitation before spraying the remainder of the load. Storage and use of the previous day's spray mix may result in reduced activity.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture. 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 remixed, the mixture is considered physically compatible.

## 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

#### 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 manufacturer's nozzle spray pressures. For many nozzle types, a lower nozzle spray pressure produces larger droplets. Use the lowest nozzle spray pressure specified by the manufacturer 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. 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 3/4 of the wing length; using shorter booms decreases drift potential. For helicopters, the minimum boom length should not exceed 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 required.

## **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 spray 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 MITEUS MITICIDE/INSECTICIDE

| <b>Avocado; Black Sapote; Canistel; Mamey Sapote; Mango; Papaya; Sapodilla; Star Apple</b> |                              |  |
|--|------------------------------|--|
| <b>Pest</b>  | <b>Rate/Acre</b>             | <b>Use Directions</b>  |
| Mites<br>(see <b>Target Species</b> )<br>Whiteflies*                                       | 2.0 pints<br>(0.105 lb a.i.) | <b>USE RESTRICTIONS</b> <ul style="list-style-type: none"> <li>• Apply by ground using a minimum of 95 gallons of water per acre.</li> <li>• Apply by air using a minimum of 50 gallons of water per acre.</li> <li>• Do not apply through any type of irrigation system.</li> <li>• Do not apply more than 4.0 pints (0.210 lb a.i.) per acre per growing season.</li> <li>• Do not make more than 2 applications per growing season.</li> <li>• Allow 14 days between applications.</li> <li>• Preharvest Interval (PHI): 1 day</li> </ul> |
| *suppression   |                              |  |

| <b>Field Corn, Popcorn, Silage Corn, Seed Corn</b><br>(limited to states of Arizona, California, Hawaii) |                              |   |
|--|------------------------------|---|
| <b>Pest</b>  | <b>Rate/Acre</b>             | <b>Use Directions</b>   |
| Mites<br>(see <b>Target Species</b> )  | 2.0 pints<br>(0.105 lb a.i.) | <b>USE RESTRICTIONS</b> <ul style="list-style-type: none"> <li>• Apply by ground application using a minimum of 10 gallons of water per acre.</li> <li>• Apply by air using a minimum of 5 gallons of water per acre.</li> <li>• Do not apply through any type of irrigation system.</li> <li>• Do not apply more than 4.0 pints (0.210 lb a.i.) per acre per crop cycle.</li> <li>• Do not make more than 2 applications per crop cycle.</li> <li>• Allow 14 days between applications.</li> <li>• Preharvest Interval (PHI): 14 days for forage, silage, stover, and grain</li> </ul> |

*(continued)*



**APPLICATION RATE CHART FOR MITEUS MITICIDE/INSECTICIDE** *(continued)*

| <b>Cotton</b>   |   |   |
|---|---|---|
| <b>Pest</b>   | <b>Rate/Acre</b>  | <b>Use Directions</b>   |
| Mites<br>(see <b>Target Species</b> )   | <b>Early season</b> <sup>1</sup><br>(when cotton is less than 10 inches in height)<br><br>1.0 pint<br>(0.053 lb a.i.) | <b>USE RESTRICTIONS</b> <ul style="list-style-type: none"> <li>• Apply by ground using a minimum of 10 gallons of water per acre.</li> <li>• Apply by air using a minimum of 3 gallons of water per acre.</li> <li>• As canopy density increases, use of higher water volume will assure better coverage.</li> <li>• Do not apply through any type of irrigation system.</li> <li>• Do not apply more than 2.0 pints (0.105 lb a.i.) per acre per growing season.</li> <li>• Do not make more than 2 applications per growing season.</li> <li>• Allow 14 days between applications.</li> <li>• Preharvest Interval (PHI): 14 days</li> </ul> |
|   | <b>Mid-season</b><br>(when cotton is more than 10 inches in height)<br><br>2.0 pints<br>(0.105 lb a.i.)               |   |
| Whiteflies*   | 2.0 pints<br>(0.105 lb a.i.)  |   |
| <p>* suppression<br/> <sup>1</sup> For early season use, when cotton is less than 10 inches in height, <b>MITEUS</b> Miticide/Insecticide may also be applied as a directed spray using ground spray equipment.</p> |   |   |

| <b>Cucumber</b>                                      |                              |  |
|--|------------------------------|--|
| <b>Pest</b>  | <b>Rate/Acre</b>             | <b>Use Directions</b>  |
| Mites<br>(see <b>Target Species</b> )<br>Whiteflies* | 2.0 pints<br>(0.105 lb a.i.) | <b>USE RESTRICTIONS</b> <ul style="list-style-type: none"> <li>• Apply by ground using a minimum of 40 gallons of water per acre.</li> <li>• Apply by air using a minimum of 10 gallons of water per acre.</li> <li>• Do not apply through any type of irrigation system.</li> <li>• Do not apply more than 4.0 pints (0.210 lb a.i.) per acre per crop cycle.</li> <li>• Do not make more than 2 applications per crop cycle.</li> <li>• Allow 14 days between applications.</li> <li>• Preharvest Interval (PHI): 1 day</li> </ul> |
| * suppression  |                              |  |

*(continued)*

**APPLICATION RATE CHART FOR MITEUS MITICIDE/INSECTICIDE** *(continued)*

**Fruiting Vegetables (Crop Group 8-10)**

African eggplant; bush tomato; bell pepper; cocona; currant tomato; eggplant; garden huckleberry; goji berry; groundcherry; martynia; naranjilla; okra; pea eggplant; pepino; nonbell pepper; roselle; scarlet eggplant; sunberry; tomatillo; tomato; tree tomato; cultivars, varieties, and/or hybrids of these

| Pest  | Rate/Acre                    | Use Directions  |
|---|------------------------------|---|
| Mites<br>(see <b>Target Species</b> )<br>Tomato/Potato psyllid<br>Whiteflies* | 2.0 pints<br>(0.105 lb a.i.) | <p><b>USE RESTRICTIONS</b></p> <ul style="list-style-type: none"> <li>•Apply by ground using a minimum of 20 gallons of water per acre.</li> <li>•Apply by air using a minimum of 5 gallons of water per acre.</li> <li>•Do not apply through any type of irrigation system.</li> <li>•Do not apply more than 4.0 pints (0.210 lb a.i.) per acre per crop cycle.</li> <li>•Do not make more than 2 applications per crop cycle.</li> <li>•Allow 14 days between applications.</li> <li>•Preharvest Interval (PHI): 1 day</li> </ul> |

\* suppression

**Melon (Crop Subgroup 9A)**

muskmelon, including hybrids and/or varieties of *Cucumis melo* (including true cantaloupe, cantaloupe, casaba, Santa Claus melon, crenshaw melon, honeydew melon, honey balls, Persian melon, golden pershaw melon, mango melon, pineapple melon, snake melon); citron melon; watermelon, including hybrids and/or varieties of *Citrullus* spp.

| Pest   | Rate/Acre                    | Use Directions   |
|--|------------------------------|--|
| Mites<br>(see <b>Target Species</b> )<br>Whiteflies* | 2.0 pints<br>(0.105 lb a.i.) | <p><b>USE RESTRICTIONS</b></p> <ul style="list-style-type: none"> <li>•Apply by ground application using a minimum of 20 gallons of water per acre.</li> <li>•Do not apply by air.</li> <li>•Do not apply through any type of irrigation system.</li> <li>•Do not apply more than 4.0 pints (0.210 lb a.i.) per acre per crop cycle.</li> <li>•Do not make more than 2 applications per crop cycle.</li> <li>•Allow 14 days between applications.</li> <li>•Preharvest Interval (PHI): 3 days</li> </ul> |

\* suppression

*(continued)*

**APPLICATION RATE CHART FOR MITEUS MITICIDE/INSECTICIDE** *(continued)*

| <b>Snap Bean</b>                                     |                              |   |
|--|------------------------------|---|
| <b>Pest</b>  | <b>Rate/Acre</b>             | <b>Use Directions</b>   |
| Mites<br>(see <b>Target Species</b> )<br>Whiteflies* | 2.0 pints<br>(0.105 lb a.i.) | <p>USE RESTRICTIONS</p> <ul style="list-style-type: none"> <li>•Apply by ground using a minimum of 30 gallons of water per acre</li> <li>•Apply by air using a minimum of 5 gallons of water per acre.</li> <li>•Do not apply through any type of irrigation system.</li> <li>•Do not apply more than 4.0 pints (0.210 lb a.i.) per acre per crop cycle.</li> <li>•Do not make more than 2 applications per crop cycle.</li> <li>•Allow 14 days between applications.</li> <li>•Preharvest Interval (PHI): 1 day</li> </ul> |
| * suppression  |                              |   |

| <b>Tuberous and Corm Vegetables (Crop Subgroup 1C)</b>  |                              |  |
|---|------------------------------|--|
| arracacha; arrowroot; artichoke, Chinese; artichoke, Jerusalem; canna, edible; cassava, bitter and sweet; chayote (root); chufa; dasheen (taro); ginger; leren; potato; sweet potato; tanier; turmeric; yam bean; yam, true |                              |  |
| <b>Pest</b>   | <b>Rate/Acre</b>             | <b>Use Directions</b>  |
| Mites<br>Potato leafhopper<br>Potato psyllid  | 2.0 pints<br>(0.105 lb a.i.) | <p>USE RESTRICTIONS</p> <ul style="list-style-type: none"> <li>•Apply by ground using a minimum of 20 gallons of water per acre.</li> <li>•Apply by air using a minimum of 5 gallons of water per acre.</li> <li>•Do not apply through any type of irrigation system.</li> <li>•Do not apply more than 4.0 pints (0.210 lb a.i.) per acre per crop cycle.</li> <li>•Do not make more than 2 applications per crop cycle.</li> <li>•Allow 7 days between applications.</li> <li>•Preharvest Interval (PHI): 7 days</li> </ul> |

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container, and keep tightly closed when not in use. Store in a cool, dry place inaccessible to children and pets.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

**CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. Clean container 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 if appropriate, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

## 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 must 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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