



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

February 9, 2026

Ana Sanchez  
Agent  
Canyon Group C/O Gowan Company  
P.O. Box 5569  
Yuma, AZ 85366

Subject: Label Amendment - Registration Review Mitigation for Pyridaben  
Product Name: Nexter SC Miticide/Insecticide  
EPA Registration Number: 81880-28  
Case Number: 476709  
Application Date: 7/10/2020

Dear Ana Sanchez:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Pyridaben Interim Decision and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must submit one copy of the final printed labeling before you release the product for

shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Carolyn Smith by phone at (202) 566-2273, or via email at [smith.carolyn@epa.gov](mailto:smith.carolyn@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Jaclyn Pyne". The signature is written in a cursive, flowing style.

Jaclyn Pyne, Team Leader  
Risk Management and Implementation Branch 3  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

ENCLOSURE: Stamped label

**ACCEPTED**

02/09/2026

Under the Federal Insecticide, Fungicide  
and Rodenticide Act as amended, for the  
pesticide registered under  
EPA Reg. No.

81880-28

PYRIDABEN

GROUP

21A

ACARICIDE

# NEXTER SC

Miticide/Insecticide

**ACTIVE INGREDIENT:** Pyridaben

% By Wt.

[2-*tert*-butyl-5-(4-*tert*-butylbenzylthio)-4-chloropyridazin-3(2*H*)-one]..... 42.47%**OTHER INGREDIENTS:**..... 57.53%**Total** 100.00%

Contains 3.75 pounds active ingredient per gallon.

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

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 swallowed	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have the person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything to an unconscious person.</li></ul>
If in eyes	<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 first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If on skin or clothing	<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>
If inhaled	<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>

### HOT LINE 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 health concerns, medical emergencies or pesticide incidents), you may call 1-888-478-0798.**

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or spray mist. Wash thoroughly with soap and water after eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

#### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves
- Protective eye wear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not re-use them. Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### Applicators applying this product by airblast application to orchards and vineyards must wear:

- Chemical-resistant headgear, unless applying in an enclosed cab"

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

NET CONTENTS \_\_\_\_ GALLONS

**Gowan**  
The Go To Company

EPA Reg. No. 81880-28  
EPA Est. No.

Distributed by:  
Gowan Company  
P.O. Box 5569  
Yuma, AZ 85366-5569

### USER SAFETY RECOMMENDATIONS

#### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Keep out of lakes, ponds, or streams. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. Do not apply when weather conditions favor drift from target area. Drift or runoff from treated areas may be hazardous to fish in adjacent sites. This product is highly toxic to bees. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively foraging the treatment area. Application early in the morning or at dusk is suggested.

### PHYSICAL AND CHEMICAL HAZARDS

Do not allow contact with oxidizing agents. Hazardous chemical reaction may occur.

### ENDANGERED SPECIES CONCERNS

The use of any pesticide in a manner that may kill or otherwise harm an endangered species or adversely modify their habitat is a violation of federal law.

### 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 responsible for pesticide regulation.

All applicable directions, restrictions, precautions and **Notice of Conditions of Sale and Warranty and Liability Limitations** are to be followed.

### 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**. **Exceptions: the (REI) is 2 days for treated pears when hand thinning. The (REI) is 3 days for treated table and raisin grapes when tying/training, hand harvesting, and leaf pulling. The (REI) is 9 days for treated wine and juice grapes when tying/training, hand harvesting, and leaf pulling. The (REI) is 16 days for treated table grapes when girdling and turning.** 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
- Waterproof gloves
- Shoes plus socks
- Protective eye wear

### USE INFORMATION

**NEXTER SC** is a selective contact Miticide/Insecticide that controls listed pests. **NEXTER SC** provides knockdown and residual control. A good performance evaluation can be made 4-7 days after treatment. For optimum results, **NEXTER SC** should be applied as pest populations build and prior to reaching economic thresholds.

#### Mite Resistance Management

Naturally occurring strains of mites and insects listed on this label may not be effectively controlled due to reduced sensitivity. If insensitive strains are present in a field, use a product with a different mode of action to ensure control.

For resistance management, **NEXTER SC** contains a Group (21A) insecticide/acaricide. Any insect/mite population may contain individuals naturally resistant to **NEXTER SC** and other Group (21A) insecticides/acaricides. The resistant individuals may dominate the insect/mite population if this group of insecticides/acaricides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide/acaricide resistance, take the following steps:

- Rotate the use of **NEXTER SC** or other Group 21A insecticides/acaricides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides/acaricides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
  - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
  - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
  - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
  - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.

- The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide/acaricides use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance, contact Gowan Company representative

### Cleaning Spray Equipment

Clean application equipment thoroughly by using a strong detergent or commercial sprayer cleaner according to the manufacturer's directions and by triple rinsing the equipment before and after applying this product.

#### MANDATORY SPRAY DRIFT MANAGEMENT

##### Airblast Applications:

- Sprays must be directed into the canopy.
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- User must turn off outward pointing nozzles at row ends and when spraying outer row.
- Do not apply during temperature inversion.

##### Ground Boom Applications:

- Apply with the nozzle height recommended by the manufacturer, but no more than 4 ft. above the ground or crop canopy.
- Applicators are required to use a medium or coarser droplet size (ASABE S572.1).
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

##### Boomless Ground Applications:

- Applicators are required to use a Medium or coarser droplet size (ASABE S572.1) for all applications.
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

#### SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.

BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

#### IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

#### Controlling Droplet Size – Ground Boom

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

#### BOOM HEIGHT – Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

#### SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

#### TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

#### TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or 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. Avoid applications during temperature inversions.

#### WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.

Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

#### Boom-less Ground Applications:

- Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

#### APPLICATION INSTRUCTIONS

**NEXTER SC** may be applied by ground equipment using either diluted or concentrated sprays. Apply listed rates of **NEXTER SC** as instructed by the **Application Directions Section**. Spray the last 3 rows windward of surface water using nozzles on only one side with the spray directed away from surface water. Spraying over the tops of trees can be prevented by adjusting or turning off the top nozzles. Shut the nozzles on the side away from the grove off when spraying the outside row. Shut the nozzles off when turning at the ends of the rows and when passing tree/vine gaps in rows.

#### Coverage

Apply **NEXTER SC** in sufficient water to ensure thorough coverage of foliage and fruit. Thorough coverage is required for optimum control. Spraying alternate rows may reduce **NEXTER SC** performance. **NEXTER SC** must be applied to each row for optimum control. To achieve thorough coverage, use proper spray pressure, nozzles, nozzle spacing, volume per acre, and tractor speed. Consult spray nozzle and accessory guide for information pertaining to proper equipment calibration.

#### Ground Application (Broadcast)

**Water Volume:** Use 100-400 gallons of spray solution per broadcast acre for optimal performance. In Florida, a minimum of 20 gallons of water per acre in citrus may be used.

#### ADDITIVES

In general, no additives or adjuvants are necessary for effective use of **NEXTER SC**. However, the use of additives may be considered for certain conditions such as obtaining better spray distribution, adhesion or penetration of product onto leaf or plant surfaces. Consult a Canyon representative or local agricultural authorities for more information concerning additives.

#### TANK MIXING INFORMATION

The phytotoxic potential of **NEXTER SC** has been assessed on a wide variety of plants with no phytotoxicity observed. However, all varieties and cultivars have not been tested with possible tank mix combinations. Local conditions can also influence crop tolerance and may not match the information under which testing had been conducted. Therefore, before using **NEXTER SC** test the product on a sample of the crop to be treated to ensure that a phytotoxic response will not occur as a result of applications.

#### Compatibility Test for Mix Components

Before mixing components, always perform a compatibility jar test.

For 20 gallons per acre spray volume, use 3.3 cups (800 ml) of water. For other spray volumes, adjust rates accordingly. Only use water from the intended source at the source temperature.

Add components in the sequence indicated in the **Mixing Order** (see below) using 2 teaspoons for each pound or 1 teaspoon for each pint of listed label rate per acre.

Always cap the jar and invert 10 cycles between component additions.

When the components have all been added to the jar, let the solution stand for 15 minutes. Evaluate the solution for uniformity and stability.

The spray solution should not have free oil on the surface, nor fine particles that precipitate to the bottom, nor thick (clabbered) texture. If the spray solution is not compatible, repeat the compatibility test with the addition of a suitable compatibility agent. If the solution is then compatible, use the compatibility agent as directed on its label. If the solution is still incompatible, do not mix the ingredients in the same tank.

#### Mixing Order

1. **Water.** Begin by agitating a thoroughly clean sprayer tank half full of clean water.
2. **Products in PVA bags.** Place any product contained in water soluble PVA bags. Allow time for thorough mixing.
3. **Water-dispersible products** (such as dry flowables, wettable powders, suspension concentrates, or suspo-emulsions).
4. **Water soluble products**
5. **Emulsifiable concentrates**
6. **Water soluble additives**
7. **Remaining quantity of water.** Maintain constant agitation during application.

#### PREHARVEST INTERVAL

The required days between the last application and harvest are given in parentheses ( ) following the crop group or name.

#### APPLICATION DIRECTIONS

CROP	RATE OZ/ACRE	COMMENTS
<b>Pome fruit group 11-10 (7)</b> (apples = 25 day PHI)  Apple; azarole; crabapple; loquat; mayhaw; medlar; pear; pear, Asian; quince; quince, Chinese; quince, Japanese; tejocote; cultivars, varieties, and/or hybrids of these	10.56 - 17.07	Apply in 100-400 gallons of water per acre. <b>NEXTER SC</b> must be applied to each row for maximum coverage. Use the higher listed rate of <b>NEXTER SC</b> to ensure adequate concentration in mature orchards with dense foliage. <b>Pears</b> (including oriental) - applications may be made early from pink through petal fall to control eggs, early pear psylla instars and mobile mites. <b>NEXTER SC</b> is also effective when applied after petal fall as mite populations begin to build.
		<ul style="list-style-type: none"> <li>• Do not make more than one application per year.</li> </ul>
<b>Stone fruit group 12-12 (7)</b> (Apricots, Cherries = 300 day PHI and not for use in CA)  Apricot; apricot, Japanese; capulin; cherry, black; cherry, Nanking; cherry, sweet; cherry, tart; Jujube, Chinese; nectarine; peach; plum; plum, American; plum, beach; plum, Canada; plum, cherry; plum, Chickasaw; plum, Damson; plum, Japanese; plum, Klamath; plum, prune; plumcot; sloe; cultivars, varieties, and/or hybrids of these	7.04 - 17.07	Apply in 100-400 gallons of water per acre. <b>NEXTER SC</b> must be applied to each row for maximum coverage. Use the higher listed rate of <b>NEXTER SC</b> to ensure adequate concentration in mature orchards with dense foliage. For best control, pest populations must be building with primarily immature stages present at time of application. <b>Cherries and Apricots</b> – treat after Spring harvest
		<ul style="list-style-type: none"> <li>• Do not make more than two applications per year.</li> <li>• Do not apply more than 17.07 oz per acre per application</li> <li>• Allow a minimum of 30 days between sequential applications.</li> </ul>
<b>Citrus fruit group 10-10 (7)</b>  Australian desert lime; Australian finger lime; Australian round lime; Brown River finger lime; calamondin; citron; citrus hybrids; grapefruit; Japanese summer grapefruit; kumquat; lemon; lime; Mediterranean mandarin; Mount White lime; New Guinea wild lime; orange, sour; orange, sweet; pummelo; Russell River lime; satsuma mandarin; sweet lime; tachibana orange; Tahiti lime; tangelo; tangerine (mandarin); tangor;	8.32* - 17.07	Apply 8.32*-17.07 oz in sufficient water to achieve thorough coverage. Use the higher listed rate of to ensure adequate concentration in full size trees with dense foliage. When combining with summer oils, use a minimum of 5 gallons of oil and 10.56 oz of <b>NEXTER SC</b> per acre. <b>In Florida Only</b> - may be applied in low volume application equipment with a minimum water volume of 20 gallons of water per acre. It is the user's responsibility to ensure thorough spray coverage in these low volume applications. <b>* In California Only</b> - use 10.5-17.07 fl. oz./A
		<ul style="list-style-type: none"> <li>• Do not make more than two applications per year.</li> <li>• Do not apply more than 17.07 oz per acre per application</li> <li>• Allow a minimum of 30 days between sequential applications.</li> <li>• For rates above 8.32 oz per acre, apply on a 90 day interval.</li> </ul>



trifoliolate orange; uniq fruit; cultivars, varieties, and/or hybrids of these		
<b>Non-bearing citrus nursery beds or greenhouses</b>	8.32 - 17.07	Apply 8.32-17.07 oz in sufficient water to achieve thorough coverage.
		<ul style="list-style-type: none"> <li>Do not make more than two applications per year.</li> <li>Do not apply more than 17.07 oz per acre per application</li> <li>Allow a minimum of 30 days between sequential applications.</li> <li>For rates above 8.32 oz per acre, apply on a 90 day interval.</li> </ul>
<b>Cranberries (21)</b> (Cranberries in CT, DE, ME, MA, NH, NJ, NY, RI AND VT only) <i>*See chemigation information below</i>	7.04 - 17.07	<b>NEXTER SC</b> is a selective Miticide/Insecticide that controls southern red mite in cranberries when used at recommended rates. Complete spray coverage of both upper and lower leaf surfaces is essential for optimal performance. Applications should be made either early season (mid-May to mid-June) or after fruit set (mid-July through August). May be applied by chemigation*. Sufficient water volume is necessary to obtain complete coverage of the spray target. Apply 5.6-11.2 oz of NEXTER SC in no less than 100 gallons and no more than 600 gallons of water per acre. If using chemigation, use an injection system protected by backflow equipment.
		<ul style="list-style-type: none"> <li>Do not make more than two applications per year.</li> <li>Do not apply more than 17.07 oz per acre per application</li> <li>Allow a minimum of 30 days between sequential applications.</li> </ul>
<b>Small fruit vine climbing subgroup, except fuzzy kiwifruit 13-07F (7)</b>  Amur river grape; gooseberry; Grapes; kiwifruit, hardy; maypop; schisandra berry; cultivars, varieties, and/or hybrids of these	7.04 - 17.07	Apply in 50-400 gallons of water per acre. <b>NEXTER SC</b> must be applied to each row for maximum coverage. Use the higher listed rate of <b>NEXTER SC</b> to ensure adequate concentration in mature vineyards with dense foliage.
		<ul style="list-style-type: none"> <li>Do not make more than two applications per year.</li> <li>Do not apply more than 17.07 oz per acre per application</li> <li>Allow a minimum of 30 days between sequential applications.</li> </ul>
<b>Low Growing berry subgroup, except cranberry 13-07G (1)</b>  Bearberry; bilberry; blueberry, lowbush; cloudberry; lingonberry; muntries; partridgeberry; strawberry; cultivars, varieties, and/or hybrids of these	7.04 - 17.07	Apply in 50-400 gallons of water per acre. <b>NEXTER SC</b> must be applied to each row for maximum coverage. Use the higher listed rate of <b>NEXTER SC</b> to ensure adequate concentration in mature vineyards with dense foliage.
		<ul style="list-style-type: none"> <li>Do not make more than two applications per year.</li> <li>Do not apply more than 17.07 oz per acre per application</li> <li>Allow a minimum of 30 days between sequential applications.</li> </ul>
<b>Tree nut group 14-12 (7)</b>  African nut-tree; almond; beechnut; Brazil nut; Brazilian pine; bunya; bur oak; butternut; Cajou nut; candlenut; cashew; chestnut; chinquapin; coconut; coquito nut; dika nut; ginkgo; Guiana chestnut; hazelnut (filbert); heartnut; hickory nut; Japanese horse-chestnut; macadamia nut; mongongo nut; monkey-pot; monkey puzzle nut; Okari nut; Pachira nut; peach palm nut; pecan; pequi; Pili nut; pine nut; pistachio; Sapucaia nut; tropical almond; walnut, black; walnut, English; yellowhorn; cultivars, varieties, and/or hybrids of these	7.04 - 17.07	Apply in 50-400 gallons for water per acre for tree nuts and pistachios. Use the higher listed rate to ensure adequate concentration in full sized trees with dense foliage. For best control, pest populations must be building with primarily immature stages present at time of application. <b>Specifically for almonds:</b> Applications may be made earlier from shuck split through midsummer.
		<ul style="list-style-type: none"> <li>Do not make more than two applications per year.</li> <li>Do not apply more than 17.07 oz per acre per application</li> <li>Allow a minimum of 30 days between sequential applications.</li> </ul>
<b>Greenhouse cucumbers (1)</b>	6.4 – 9.6 oz per 100 gallons of water	Apply in 50-400 gallons of water per acre. Apply when mites first appear and before a threshold of five spider mites per leaf is reached. Apply higher listed rates for whiteflies.
		<ul style="list-style-type: none"> <li>Do not make more than two applications per year.</li> <li>Do not apply more than 19.2 oz of product per season.</li> <li>Allow a minimum of 30 days between sequential applications.</li> <li>Do not enter a treated greenhouse or a treated indoor area without protective equipment for <b>12 hours</b> unless one of the following items is completed:               <ul style="list-style-type: none"> <li>10 air exchanges</li> <li>2 hours of system ventilation</li> <li>4 hours of ventilation using vents, windows or other passive ventilation</li> <li>All required PPE is worn.</li> <li>Do not use on cucumbers grown in the field.</li> </ul> </li> </ul>

## USE RESTRICTIONS

- Do not apply **NEXTER SC** by air.
- Except for cranberries, do not apply through any type of irrigation equipment.
- Do not use less than 100 gallons of water per acre except the following:
  - 50 gallons on grapes and pistachios
  - 20 gallons on citrus grown in Florida
- **Drift:** Do not apply **NEXTER SC** when weather conditions favor drift to surface water. Do not apply within 110 feet upwind of surface water or when wind speed is above 8 mph. Do not apply during a temperature inversion.
- **NEXTER SC** is not for sale, distribution, or use in Nassau and Suffolk counties in New York State. In the remainder of the state, read and follow all applicable directions, restrictions and precautions on this label

## \*CHEMIGATION FOR CRANBERRIES

Sufficient water volume is necessary to obtain complete coverage of the spray target. Apply 5.6-11.2 fl oz of **NEXTER SC** in no less than 100 gallons and no more than 600 gallons of water per acre. If using chemigation, use an injection system protected by backflow equipment.

### Chemigation Requirements:

- Apply this product only through solid set or hand-move sprinkler systems. Do not apply this product through any other type of irrigation system.
- Crop injury or lack of effectiveness can result from non-uniform distribution of treated water.
- Use only in sprinklers that apply uniformly and have appropriate check valves.
- When application of pesticide is complete thoroughly flush out the injection system and sprinkler lines with a minimum volume of water for complete rinse-out.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

### Requirements for Sprinkler Chemigation:

- The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- The pesticide injection pipeline must contain a functional, automatic quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump), effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

### Requirements for Chemigation Systems Connected to Public Water Systems:

- Public water system means a system for the provision of piped water to the public for human consumption, if such a system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days of the year.
- Chemigation systems connected to public water systems must contain a functional reduced pressure zone (RPZ) backflow preventer, or the functional equivalent, in the water supply upstream from the point of pesticide introduction. As an additional option to the RPZ, the water from a public water system can be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or over or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.
- The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection.
- The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
- The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
- Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
- Do not apply when wind speed favors drift beyond the area intended for treatment.

## Pests listed in this label:

Broad mite	Family: Tarsonemidae <i>Polyphagotarsonemus latus</i>
False spider mite	Family: Tenuipalpidae <i>Brevipalpus phoenicis</i>
Citrus flat mite	<i>Brevipalpus lewisi</i>
Apple rust mite	Family: Eriophyidae <i>Aculus schlechtendali</i>
Citrus bud mite	<i>Aceria sheldoni</i>
Citrus rust mite	<i>Phyllocoptruta oleivora</i>



Peach silver mite	<i>Aculus fockeui</i>
Pear rust mite	<i>Epitrimerus pyri</i>
Pink citrus rust mite	<i>Aculops pelekassi</i>
	Family: Tetranychidae
Citrus red mite	<i>Panonychus citri</i>
European red mite	<i>Panonychus ulmi</i>
McDaniel spider mite	<i>Tetranychus mcdanieli</i>
Pacific spider mite	<i>Tetranychus pacificus</i>
Pecan leaf scorch mite	<i>Eotetranychus hicoriae</i>
Sixspotted mite	<i>Eotetranychus sexmaculatus</i>
Southern red mite	<i>Oligonychus ilicis</i>
Texas citrus mite	<i>Eutetranychus banksi</i>
Twospotted spider mite	<i>Tetranychus urticae</i>
Willamette spider mite	<i>Eotetranychus willamettei</i>
	Family: Curculionidae
Citrus root weevil	<i>Pachnaeus litus</i>
	Family: Aphididae
Apple aphid	<i>Aphis pomi</i>
Black pecan aphid	<i>Melanocallis caryaefoliae</i>
Black margined aphid	<i>Monellia caryella</i>
Brown citrus aphid	<i>Toxoptera citricida</i>
Yellow pecan aphid	<i>Monelliopsis pecanis</i>
	Family: Aleyrodidae
Sweet potato whitefly	<i>Bemisia tabaci</i>
Silverleaf whitefly	<i>Bemisia argentifolii</i>
Pear Psylla	Family: Psyllidae
	<i>Cacopsylla pyricola</i>
	Family: Cicadellidae
Eastern grape leafhopper	<i>Erythroneura comes</i>
Grape leafhopper	<i>Erythroneura elegantula</i>
Variegated leafhopper	<i>Erythroneura variabilis</i>
Virginia creeper leafhopper	<i>Erythroneura ziczac</i>
White apple leafhopper	<i>Typhlocyba pomaria</i>

#### STORAGE AND DISPOSAL

**DO NOT** contaminate water, food, or feed by storage or disposal.

**Pesticide Storage:** Store in a cool, dry place away from heat or open flame.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mix, or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact the state agency responsible for pesticide regulation or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. 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 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.

**FOR 24 HOUR EMERGENCY ASSISTANCE (SPILL, LEAK, OR FIRE). CALL CHEMTREC® (800) 424-9300**

**For other information, contact Gowan Company or see Safety Data Sheet.**

#### NOTICE OF CONDITIONS OF SALE AND WARRANTY AND LIABILITY LIMITATIONS

**Important:** Read the entire Directions for Use and Notice of Conditions of Sale and Warranty and Liability Limitations before using this product. If terms are not acceptable return the unopened container for a full refund.

Our directions for use of this product are based on tests believed to be reliable. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, inadequate performance, or other unintended consequences may result due to soil or weather conditions, off target movement, presence of other materials, method of use or application, and other factors, all of which are beyond the control of Gowan Company. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer and User.

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