



PAUL R. LEPAGE
GOVERNOR

STATE OF MAINE
DEPARTMENT OF AGRICULTURE, CONSERVATION AND FORESTRY
BOARD OF PESTICIDES CONTROL
28 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0028

WALTER E. WHITCOMB
COMMISSIONER

HENRY JENNINGS
DIRECTOR

To: Board of Pesticides Control Members
From: Mary Tomlinson, Pesticides Registrar/Water Quality Specialist
RE: EPA Special Local Need (SLN) [FIFRA, Section 24(c)] application to approve the use of GWN-1715, EPA Reg. No. 81880-4, to control mites and whiteflies in greenhouse tomatoes
Date: July 26, 2013

Enclosed is the above referenced Special Local Need (SLN) [FIFRA, Section 24(c)] application and supporting documents for your consideration.

In 2008, the Board of Pesticides Control approved a Section 24(c) for use of Nexter, a supplementally distributed product produced by Gowan Company, to control mites and whiteflies on greenhouse tomatoes. It has come to light that an SLN may only be issued by the basic registrant on the parent product. The SLN for Nexter, will be canceled and a new SLN registration for GWN-1715, the parent product produced by Canyon Group, will be submitted to the EPA with Board approval.

Following approval of the GWN-1715 SLN, Maine is then permitted to issue a supplemental SLN for Nexter based on the SLN for GWN-1715. That request will be submitted as a separate package.

Backyard Farms continues to require Nexter, as part of its IPM program, in order to effectively control mites and whiteflies in the greenhouse tomatoes. A tolerance of 0.15 ppm has been established by the EPA, for the active ingredient, pyridaben.

Please review the attached documents and let me know if you have any questions.

- FIFRA, Section 24(c) application
- Letter of support from Kyla Smith, Registration Specialist, Canyon Group/Gowan Company
- GWN-1715 draft Maine SLN label
- GWN-1715 Section 3 label
- GWN-1715 MSDS



United States Environmental Protection Agency
Office of Pesticide Programs, Registration Division (7505C)
Washington, DC 20460

**Application for/Notification of State Registration
of a Pesticide To Meet a Special Local Need**
*(Pursuant to section 24(c) of the Federal Insecticide,
Fungicide, and Rodenticide Act, as Amended)*

For State Use Only
Registration No. Assigned
Date Registration Issued

<p>1. Name and Address of Applicant for Registration Canyon Group 370 S Main Street Yuma, AZ 85365</p>	<p>2. Product is (Check one) <input checked="" type="checkbox"/> EPA-Registered EPA Registration Number 81880-4 <input type="checkbox"/> New (not EPA-registered) Attach EPA Form 8570-4, Confidential Statement of Formula for new products. EPA Company Number</p> <p>3. Active Ingredient(s) in Product Pyridaben</p>
<p>4. Product Name GWN-115</p>	<p>5. If this is a food/feed use, a tolerance or other residue clearance is required. Cite appropriate regulations in 40 CFR Part 180, 185, and/or 186. 180.494</p>
<p>6. Type of Registration (Give details in Item 13 or on a separate page, properly identified and attached to this form):</p> <p><input type="checkbox"/> a. To permit use of a new product.</p> <p><input checked="" type="checkbox"/> b. To amend EPA registrations for one or more of the following purposes:</p> <p><input type="checkbox"/> (1) To permit use on additional crops or animals.</p> <p><input checked="" type="checkbox"/> (2) To permit use at additional sites.</p> <p><input type="checkbox"/> (3) To permit use against additional pests.</p> <p><input type="checkbox"/> (4) To permit use of additional application techniques or equipment.</p> <p><input type="checkbox"/> (5) To permit use at different application rates.</p> <p><input type="checkbox"/> (6) Other (specify below)</p>	<p>7. Nature of Special Local Need (check one)</p> <p><input type="checkbox"/> There is no pesticide product registered by EPA for such use.</p> <p><input checked="" type="checkbox"/> There is no EPA-registered pesticide product which, under the conditions of use within the State, would be as safe and/or as efficacious for such use within the terms and conditions of EPA registration.</p> <p><input type="checkbox"/> An appropriate EPA-registered pesticide product is not available.</p>
<p>10. Has FIFRA section 24(c) registration for this use of the product ever, by another State, been (check appropriate box(es), if known):</p> <p><input type="checkbox"/> Sought <input type="checkbox"/> Issued <input type="checkbox"/> Denied <input type="checkbox"/> Revoked</p> <p>If any of the above are checked, list States in Item 13 below.</p> <p><input type="checkbox"/> No FIFRA section 24(c) Action</p>	<p>8. If this registration is an amendment to an EPA-registered product, is it for a "new use" as defined in 40 CFR 152.3 ?</p> <p><input type="checkbox"/> Yes (discuss in Item 13 below) <input checked="" type="checkbox"/> No</p> <p>9. Has an EPA Registration or Experimental Use Permit for this chemical ever been (check applicable box(es), if known):</p> <p><input type="checkbox"/> Sought <input checked="" type="checkbox"/> Issued <input type="checkbox"/> Denied <input type="checkbox"/> Cancelled <input type="checkbox"/> Suspended</p> <p><input checked="" type="checkbox"/> Registration <input type="checkbox"/> Experimental Use Permit <input type="checkbox"/> No Previous Permit Action</p>
<p>Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.</p> <p>Signature of Applicant or Authorized Representative </p> <p>Title Kyla S Smith, Agent for Canyon Group</p> <p>Telephone Number 928-819-1531</p> <p>Date 7-9-13</p>	<p>11. Endangered Species Act: (Give details in Item 13 or on a separate page, properly identified and attached to this form)</p> <p>Identify the counties where this pesticide will be used. If Statewide, indicate "all." Provide a list of Federally protected endangered/threatened species which occur in the areas of proposed use.</p> <p>12. Indicate use status of Special Local Need, i.e., planned dates of use: From: NA To: NA</p>
<p>13. Comments (attach additional sheet, if needed)</p>	

Determination by State Agency

This registration is for a Special Local Need and is being issued in accordance with section 24(c) of FIFRA, as amended. To the best of our knowledge, the information above is correct, except as noted in "Comments" below or in attachments.

<p>Name, Title, and Address of State Agency Official Mary Tomlinson Maine Board of Pesticides Control 28 State House Station Augusta, ME 04333</p> <p>Title Pesticides Registrar/Water Quality Specialist</p> <p>Telephone Number (207) 287-2731</p> <p>Date July 26, 2013</p>	<p>Comments (by State Agency Only)</p>	<p>Received by EPA</p>
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Canyon Group LLC™

370 S. Main Street • Yuma, AZ 85364 • ph 928.783.8844 • fax 928.343.9255

July 9, 2013

Attention: Mary E. Tomlinson
Department of Agriculture
Maine Board of Pesticides Control
28 State House Station
Augusta, ME 04333

RE: GWN-1715, EPA Reg. No. 81880-4
SLN No. ME-13XXXX for Greenhouse Tomatoes

Dear Ms. Tomlinson:

Canyon Group is requesting SLN ME-13XXXX, for use of Nexter (active ingredient pyridaben) on greenhouse tomatoes.

Backyard Farms in Madison, Maine originally supported this SLN for Gowan Company. They have confirmed that GWN-1715 (ABN Nexter) continues to be a product that they rely on to fight mites and whitefly. They will be following this letter with an updated letter of support; however, all of the reasons they originally supported this SLN still apply today.

Canyon Group gives permission to Gowan Company to issue a supplemental SLN for Nexter, EPA Reg. No. 81880-4-10163, and distribute product to growers.

In support of this transfer / extension, I have enclosed the following:

1. EPA application for State Registration of a pesticide to meet a Special Local Need (8570-25)
2. Proposed SLN No ME-13XXXX including an expiration date of 12/31/18

If you need any additional information, please feel free to contact me at kssmith@gowanco.com.

Sincerely,



Kyla S. Smith, Agent for Canyon



July 9, 2013

Attention: Mary Tomlinson, Registrar
28 State House Station
Augusta, ME 04333-0028

RE: Nexter, EPA Reg. No. 81880-4-10163, SLN in Maine

Dear Ms. Tomlinson:

At Backyard Farms, we follow a biologically based integrated pest management program in managing all of our pests. We have successfully incorporated Nexter (EPA Reg. 81880-4-10163), a product manufactured by Gowan, to gain control over our whitefly and mite populations for several years through your support of a SLN label.

The basis of our whitefly pest management program is the weekly introduction of the beneficial insects *Encarsia formosa* and *Eretmocerus eremicus*. These introductions do a good job curbing the whitefly life cycle. However, corrections are periodically needed to help keep the balance between pest and beneficial populations.

Nexter has a very strong knock down of adult whiteflies with minimum residual effect and minimum residues. Because our beneficial insects parasitize the larval stages, Nexter complements our integrated pest management program by killing the adults and creating a situation where our beneficial insects are able to gain control of the problem again. Nexter also aids in the control of mites for which there is no effective biological control in tomatoes. In years prior to using Nexter, mites had affected nearly 15% of our growing area and many other measures taken to control mites decreased the efficacy of the beneficial insects working to control the whitefly- therefore causing significant interruption to our biological balance. With Nexter we have found a chemical that can help to effectively control both pests and allow us a smooth transition back to a biologically based IPM system.

Since our original request for the SLN for Nexter was approved, we have found it highly effective at controlling both whitefly and mites. We would like your continued support for the use of Nexter in greenhouse tomatoes in Maine. Please continue to support this critical submission for Nexter to be used at our greenhouse.

Sincerely,

Erika Verrier

IPM Manager
Backyard Farms
131 River Road
Madison, ME 04950
(T) 207-696-5200 Ext. 2148
(F) 207-696-5322
(C) 207-612-8911



Section 24(c) Special Local Need Label

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF MAINE

GWN-1715

EPA Reg. No 81880-4 / EPA SLN NO. ME-13XXXX
Expires 12-31-2018

For Control of Mites and Whiteflies on Greenhouse Tomatoes

ACTIVE INGREDIENT:		% By Wt.
	[2- <i>tert</i> -butyl-5-(4- <i>tert</i> -butylbenzylthio)-4-chloropyridazin-3(2 <i>H</i>)-one].....	75.0%
OTHER INGREDIENTS:	25.0%
		Total 100.0%

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.)

DIRECTIONS FOR USE

- It is a violation of Federal law to use this labeling in a manner inconsistent with its labeling.
- All applicable directions, restrictions and precautions on the EPA-registered label are to be followed.
- This labeling must be in the possession of the user at the time of the pesticide application.

CROP	RATE	PEST	COMMENTS
Greenhouse tomatoes	4 oz per 100 gallons of water Or 0.09 oz per 1000 sq. ft.	European red mite, Citrus red mite, Twospotted spider mite, Broad mite	Apply when mites first appear and before a threshold of five spider mites per leaf is reached.
	4-6 oz per 100 gallons of water Or 0.09 - 0.14 oz per 1000 sq. ft.	Whiteflies	
	<ul style="list-style-type: none"> • Do not apply within 2 day of harvest (PHI) • Do not make more than 2 applications per crop cycle • Do not apply more than 8 oz of product per crop cycle • Do not enter a treated greenhouse or a treated indoor area without protective equipment for 12 hours unless one of the following items is completed: <ul style="list-style-type: none"> ○ 10 air exchanges ○ 2 hours of system ventilation ○ 4 hours of ventilation using vents, windows or other passive ventilation ○ All required PPE is worn. • Allow a minimum of 30 days between sequential applications of GWN-1715 in crops that allow more than 1 application per season. • Do not apply this product through any type of irrigation system. • Do not apply this product aerially. 		

Coverage: Apply GWN-1715 in sufficient water to ensure thorough coverage of foliage and fruit. Thorough coverage is required for optimum control.

24(c) Registrant: Canyon Group
C/O Gowan Company
P.O. Box 5569
Yuma, AZ 85366-5569

SLN: ME-13XXXX GWN-1715 Greenhouse tomatoes (approved X-X-13)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 16, 2010

Ms. Kyla S. Smith,
Agent for Canyon Group
c/o Gowan Company
P.O. Box 5569
Yuma, AZ 85366-5569

**Subject: Amended Labeling, Response to PR Notice 2007-4
GWN-1715 Miticide/Insecticide, EPA Reg. No. 81880-4
Your Submission Dated January 18, 2010**

Dear Ms. Smith:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable with the following label revision provision(s):

General Comment(s):

1. Delete all text throughout the label marked with "strikethrough."

First Aid section comment(s):

2. Revise the 2nd sentence within the "HOT LINE NUMBER" subsection to read "**For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-888-478-0798.**"¹

Precautionary Statements, Hazards to Humans & Domestic Animals subsection comment(s):

3. Revise the 10th sentence to read "Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet."

Directions for Use section comment(s):

4. Revise the existing subsection title "**GENERAL INFORMATION**" to read "**USE INFORMATION.**"
5. Revise the existing subsection title "**RESTRICTIONS AND LIMITATIONS**" to read "**USE RESTRICTIONS AND PRECAUTIONS.**"

Storage and Disposal section comment(s):

6. To facilitate inclusion of language from PR Notice 2007-4, revise the 4th sentence within the "**Container Disposal:**" subsection to read "The outer case and inner overwrap packaging of the water-soluble bag should be offered for recycling, if available or disposed of in a sanitary landfill, or by other procedures approved by state and local authorities."

¹ Please note that the "1-888-478-0798" telephone number listed must be available twenty-four (24) hours per day, seven (7) days per week for answering and responding to any medical emergencies or health concerns.

A copy of your label stamped "Accepted with Comments" is enclosed for your records. Please submit two (2) copies of the final printed labeling, incorporating the above changes, before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with section 6(e) of FIFRA. Your release for shipment of the product bearing amended labeling constitutes accepting of these conditions.

If you have any questions about this label review, please contact Mr. Carmen Rodia at (703) 306-0327 or via e-mail at Rodia.Carmen@epa.gov.

Sincerely yours,

FOR


Richard J. Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7504P)

Enclosure: Copy of label stamped "Accepted with Comments"

081880-00004 D430848

GWN-1715

Miticide/Insecticide

ACTIVE INGREDIENT:	% By Wt.
[2-tert-butyl-5-(4-tert-butylbenzylthio)-4-chloropyridazin-3(2H)-one]	75.0%
OTHER INGREDIENTS:	25.0%
	Total 100.0%

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 inhaled	•Move person to fresh air. •If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. •Call a poison control center or doctor for further treatment advice.
If swallowed	•Call a poison control center or doctor immediately for treatment advice. •Have person sip a glass of water if able to swallow. •Do not induce vomiting unless told to do so by a poison control center or doctor. •Do not give anything to an unconscious person.
If on skin or clothing	•Take off contaminated clothing. •Rinse skin immediately with plenty of water for 15-20 minutes. •Call a poison control center or doctor for treatment advice.
If in eyes	•Hold eye open and rinse slowly and gently with water for 15-20 minutes. •Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. •Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. FOR MEDICAL EMERGENCIES INVOLVING THIS PRODUCT CALL 1-888-476-0798.	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING/AVISO

May be fatal if inhaled. Do not breathe dust or spray mist. For handling activities, use dust/mist filtering respirator (MSHA/NIOSH approval numbers prefix TC-21C), or a NIOSH approved respirator with a N, P, R, or HE pre-filter. Wear long-sleeved shirt and long pants, socks and shoes and waterproof gloves. Harmful if swallowed or absorbed through skin. Avoid contact with skin. Remove contaminated clothing and wash before reuse. Causes moderate eye irritation. Do not get in eyes or on clothing. Wear goggles, face shield, or safety glasses. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves
- Protective eye wear
- For handling activities, use dust/mist filtering respirator (MSHA/NIOSH approval numbers prefix TC-21C), or a NIOSH approved respirator with a N, P, R, or HE pre-filter.
- Chemical resistant headgear for overhead exposure.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse 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.

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 ___ POUNDS

EPA Reg. No. 81880-4
EPA Est. No.

ACCEPTED

With COMMENTS

In EPA Letter Dated:

June 16, 2010

Under the Federal Insecticide, Fungicide
and Rodenticide Act, As amended, for the
pesticide Registered under EPA Reg. No:

81880-4

Gowan
The Go To Company

Produced For:
Canyon Group
C/O 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 visiting the treatment area. Application early in the morning or at dusk is suggested.

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**. 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:

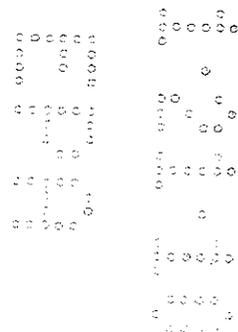
- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eye wear
- For handling activities, use dust/mist filtering respirator (MSHA/NIOSH approval numbers prefix TC-21C), or a NIOSH approved respirator with a N, P, R, or HE pre-filter.
- Chemical resistant headgear for overhead exposure.

GENERAL INFORMATION

This package contains **GWN-1715 Miticide/Insecticide**, a 75% wettable powder, in water-soluble bags. **GWN-1715** is a selective contact Miticide/Insecticide that controls pests in apples, almonds, apricots, cherries, citrus groves and non-bearing citrus nursery beds or greenhouses, cranberries, grapes, nectarines, peaches, pears, pistachio, plums, prunes and tree nut group when used at recommended rates. (Refer to **Table 1. GWN-1715 Application Rate Table**.) **GWN-1715** provides knockdown and residual control. A good performance evaluation can be made 4-7 days after treatment. For optimum results, **GWN-1715** 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. **GWN-1715** use should be alternated with other miticides as part of a mite management program to minimize resistance. Repeated use of the same miticide has been documented to result in the buildup of resistant strains of mites. To limit the potential for **GWN-1715** insensitivity development, do not make more applications than those specified under the maximum per-season in **Table 2. Crop-Specific Restrictions and Limitations**. Consult with your local or state extension personnel for advice on miticide use and selection.



**Table 1. GWN-1715 Miticide/Insecticide
Application Rate Table**

Pests Controlled	Rate per Acre
European red mite	4.4 - 5.2 oz
Southern red mite	4.4 - 7.0 oz
Apple Rust mite	
Blackmargined aphid	
Broad mite	
Citrus Bud mite	
Citrus red mite	
Citrus rust mite	
Eastern grape leafhopper (nymphs)	
False spider mite (Citrus leaf mite)	
Grape leafhopper (nymphs)	
Peach silver mite	
Pear Rust Mite	5.2 - 10.67 oz
Pink citrus rust mite	
Silverleaf whitefly ²	
Sixspotted mite	
Sweet potato whitefly ²	
Texas citrus mite	
Variigated leafhopper (nymphs)	
Virginia creeper leafhopper (nymphs)	
White apple leafhopper (nymphs) ²	
Willamette spider mite	
Yellow pecan aphid	
McDaniel spider mite	
Pacific spider mite	6.6 - 10.67 oz
Pear Psylla	
Twospotted spider mite	8.8 - 10.67 oz
Pests Suppressed	Rate per Acre
Apple aphid	
Brown citrus aphid	5.2 - 10.67 oz
Citrus root weevil	
¹ Allow a minimum of 30 days between sequential applications of GWN-1715 in crops that allow more than 1 application per season. For rates above 5.2 ounces per acre on citrus, apply GWN-1715 on a 90 day interval. ² Silverleaf whitefly, White apple leafhopper (nymphs), and Sweet potato whitefly are only considered to be suppressed in California.	

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.

APPLICATION INSTRUCTIONS

GWN-1715 may be applied by ground equipment using either diluted or concentrated sprays. Apply recommended rates of GWN-1715 as instructed by section VII. **Crop-Specific Information.** Spray the last 3 rows windward of surface water using nozzles on only one side with the spray directed away from surface water. Avoid spraying over the tops of trees 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 GWN-1715 in sufficient water to ensure thorough coverage of foliage and fruit. Thorough coverage is required for optimum control. Spraying alternate rows may reduce GWN-1715 performance. GWN-1715 must be applied to each row for optimum control. To achieve adequate 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 GWN-1715. 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.

—GENERAL TANK MIXING INFORMATION

The phytotoxic potential of GWN-1715 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 GWN-1715 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 recommended 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 three-quarters full of clean water.
2. **Agitation.** Maintain constant agitation throughout mixing and application.
3. **Products in PVA bags.** Place any product contained in water-soluble PVA bags such as **GWN-1715 miticide/insecticide** into the mixing tank. Wait until all water-soluble PVA bags have fully dissolved and the product is evenly mixed in the spray tank before continuing.
4. **Water-dispersible products** (such as dry flowables, wettable powders, suspension concentrates, or suspo-emulsions).
5. **Water-soluble products.**
6. **Emulsifiable concentrates** (such as oil concentrate when applicable).
7. **Water-soluble additives** (such as AMS or UAN when applicable).
8. **Remaining quantity of water.** Maintain constant agitation during application.

Carefully remove the recommended number of water-soluble bags from the inner overwrap packaging and carefully place them into the spray water in the mixing tank. Reseal the outer package making sure that no moisture contacts the water-soluble bags. Do not open the water-soluble bags. Allow the bags to completely dissolve. Use the maximum agitation while mixing **GWN-1715** in the spray tank.

A defoaming agent may also be necessary. Do not attempt to dissolve the water-soluble bags directly in diesel oils or summer spray-type oils. The bags are water-soluble, not oil soluble.

Boron will prevent the water-soluble bags from dissolving. If boron-containing products are to be used, the water-soluble bags containing **GWN-1715** must be dissolved completely before the boron-containing product can be added to the spray tank. If boron-containing products have been used in previous applications, thoroughly wash the spray tank before using **GWN-1715**. Always reseal the overwrap package to protect the remaining unused bags.

RESTRICTIONS AND LIMITATIONS

- **Preharvest Interval (PHI):** Refer to Table 2 Crop Specific Restrictions and Limitations
- **Restricted Entry Interval (REI):** 12 hours.
- Do not apply **GWN-1715** 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
- Do not apply **GWN-1715** to apricots and cherries in California
- **Drift:** Do not apply **GWN-1715** when weather conditions favor drift to surface water. Do not apply within 110 feet upwind of surface water or when windspeed is above 8 mph. Do not apply during a temperature inversion.
- Allow a minimum of 30 days between sequential applications of **GWN-1715** in crops that allow more than 1 application per season. For rates above 5.2 ounces per acre on citrus, apply **GWN-1715** on a 90 day interval.
- **GWN-1715** 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

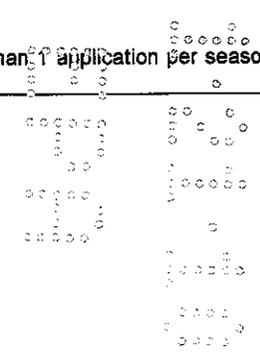
Table 2. Crop-Specific Restrictions and Limitations

Crop	Minimum Time from Application to Harvest (PHI)(Days)	Maximum Rate Per Acre Per Application (oz)	Maximum Number of Applications Per Season ³	Aircraft Application
Apples	25	10.67	1	No
Apricots ¹	300	10.67	2	No
Cherries ¹	300	10.67	2	No
Citrus	7	10.67	2	No
Cranberries ²	21	10.67	2	No
Grapes	7	10.67	2	No
Nectarines	7	10.67	2	No
Peaches	7	10.67	2	No
Pears (including oriental)	7	10.67	1	No
Pistachio	7	10.67	2	No
Plums	7	10.67	2	No
Prunes	7	10.67	2	No
Tree Nut Group (Almond, Beech, Brazil, Butternut, Cashew, Chestnut, Chinquapin, Filbert, Hickory, Macadamia, Pecan, Black Walnut and English Walnut)	7	10.67	2	No

¹ Do not Apply GWN-1715 to apricots and cherries in California

² Use GWN-1715 in cranberries in CT, DE, ME, MA, NH, NJ, NY, RI AND VT only.

³ Allow a minimum of 30 days between sequential applications of GWN-1715 in crops that allow more than 1 application per season. For rates above 5.2 ounces per acre on citrus, apply GWN-1715 on a 90 day interval.



CROP-SPECIFIC INFORMATION

APPLES

See Table 1 for application rates for specific pests. Apply **GWN-1715 Miticide/Insecticide** in 100-400 gallons of water per acre. **GWN-1715** must be applied to each row for maximum coverage. Use the higher rate of **GWN-1715** to ensure adequate concentration in mature orchards with dense foliage.

CITRUS

Apply 5.2-10.67 ounces of **GWN-1715 Miticide/Insecticide** in sufficient water to achieve thorough coverage. For rates above 5.2 ounces per acre, apply **GWN-1715** on a 90-day interval. Use the higher rate of to ensure adequate concentration in full size trees with dense foliage.

When combining **GWN-1715** with summer oils, use a minimum of 5 gallons of oil and 6.6 ounces of **GWN-1715** per acre.

- **In Florida Only**, **GWN-1715** 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.

CRANBERRIES

GWN-1715 is registered for use on cranberries in the states of Connecticut, Delaware, Maine, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island and Vermont.

GWN-1715 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). Do not apply **GWN-1715** when bees are actively foraging. The preharvest interval of 21 days must be observed.

GWN-1715 may be applied by chemigation or by ground equipment. Sufficient water volume is necessary to obtain complete coverage of the spray target. Apply 3.5-7.0 ounces of **GWN-1715** 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: Apply this product only through solid set or hand-move sprinkler systems. Do not apply this product through any other type of irrigation system. 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. The system must contain a functional check valve or appropriate gooseneck pipe loop, 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 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, 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 Venturi injector on the discharge side of the pump, or a metering 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 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.

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 preventor, 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 should be a complete physical break (air gap) of at least twice the inside diameter of the pipe between the outlet end of the pipe and the top of the overflow rim of the reservoir tank.

GRAPES

See Table 1 for application rates for specific pests. Apply **GWN-1715 Miticide/Insecticide** in 50-400 gallons of water per acre. **GWN-1715** must be applied to each row for maximum coverage. Use the higher rate of **GWN-1715** to ensure adequate concentration in mature vineyards with dense foliage.

PEARS

Pear (Including Oriental)

See Table 1 for application rates for specific pests. Apply **GWN-1715** in 100-400 gallons of water per acre. **GWN-1715** must be applied to each row for maximum coverage. Use the higher rate of **GWN-1715** to ensure adequate concentration in mature orchards with dense foliage.

In pears, applications may be made early from pink through petal fall to control eggs, early pear psylla instars and mobile mites. **GWN-1715** is also effective when applied after petal fall as mite populations begin to build.

STONE FRUIT

Apricots, Cherries, Nectarines, Peaches, Plums and Prunes

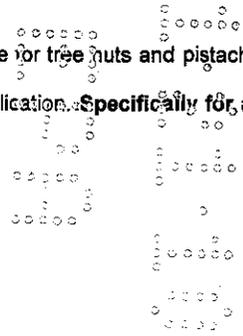
See Table 1 for application rates for specific pests. Apply **GWN-1715** in 100-400 gallons of water per acre. **GWN-1715** must be applied to each row for maximum coverage. Use the higher rate of **GWN-1715** to ensure adequate concentration in mature orchards with dense foliage. For best control, pest populations must be building with primarily immature stages present at time of application.

CHERRIES AND APRICOTS ARE TREATED AFTER SPRING HARVEST AND HAVE A 300-DAY PHI. GWN-1715 CANNOT BE USED ON THESE TWO CROPS IN CALIFORNIA.

TREE NUT GROUP AND PISTACHIOS

See Table 1 for application rates for specific pests. Apply **GWN-1715** in 100-400 gallons for water per acre for tree nuts and pistachios. Use the higher rate of **GWN-1715** 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. **Specifically for almonds:** Applications may be made earlier from shuck split through midsummer.



Crops

This product can be used on the following Crops:

Almond	Chestnut	Nectarines
Apples	Chinquapin	Peaches
Apricots	Citrus	Pear
Beech	Cranberries	Pecan
Blackwalnut	English Walnut	Pistachio
Brazil Nut	Filbert	Plums
Butternut	Grapes	Prunes
Cashew	Hickory	
Cherries	Macadamia	

Look inside for complete Restrictions and Limitations and Application Instructions.

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 schlectendali</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>Epitremus pyri</i>
Pink citrus rust mite	<i>Aculops pelekassi</i>
Citrus red mite	Family: Tetranychidae <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>
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>
Citrus root weevil	Family: Curculionidae <i>Pachnaeus litus</i>
Apple aphid	Family: Aphididae <i>Aphis pomi</i>
Blackmargined aphid	<i>Monelia caryella</i>
Brown citrus aphid	<i>Toxoptera citricida</i>
Yellow pecan aphid	<i>Monelliopsis pecanis</i>
Sweet potato whitefly	Family: Aleyrodidae <i>Bemisia tabaci</i>
Silverleaf whitefly	<i>Bemisia argentifolii</i>
Pear Psylla	Family: Psyllidae <i>Cacopsylla pyricola</i>
Eastern grape leafhopper	Family: Cicadellidae <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. This package contains water-soluble bags inside a foil liner (overwrap). The water-soluble bags dissolve in water and the contents will disperse. If all the water-soluble bags are not used, carefully reseal the overwrap. Each overwrap contains five water-soluble bags. Do not remove the water-soluble bags from the overwrap except for immediate use. If exposed to moisture, the water-soluble bags may break.

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 Disposal: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. The outer case and inner overwrap packaging of the water-soluble bag should be incinerated or disposed of in a sanitary landfill, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not re-use the empty packaging.

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



MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Formulator: Gowan Company
P.O. Box 5569
Yuma, Arizona 85366-5569
(800) 883-1844

For 24-Hour Emergency Assistance (Spill, Leak, Fire, or Exposure), Call CHEMTREC®:

Inside the U.S.: (800) 424-9300
Outside the U.S.: (703) 527-3887
(888) 478-0798

For Medical Emergency:

Product: **GWN-1715**
EPA Signal Word: Warning
Active Ingredient: Pyridaben (75%)
Chemical Name: 2-tert-butyl-5-(4-tert-butylbenzylthio)-4-chloropyridazin-3(2H)-one
Chemical Class: Pyridazinone

EPA Registration No.: 81880-4
CAS No.: 96489-71-3

2. HAZARDS IDENTIFICATION

Physical Properties

Appearance: Light tan powder
Odor: Vanilla

Primary Routes of Exposure

May be fatal if inhaled. Do not breathe dust or spray mist. For handling activities, use dust/mist filtering respirator (MSHA/NIOSH approval numbers prefix TC-21 C), or a NIOSH approved respirator with a NPR, or HE prefilter. Wear long-sleeved shirt and long pants, socks and shoes and waterproof gloves. Harmful if swallowed or absorbed through skin. Avoid contact with skin. Remove contaminated clothing and wash before reuse. Causes moderate eye irritation. Do not get in eyes or on clothing. Wear goggles, face shield, or safety glasses. Wash thoroughly with soap and water after handling.

Medical Conditions Likely to be Aggravated by Exposure

No information found for this mixture.

Unusual Fire, Explosion, and Reactivity Hazards

Explosive dust/air mixtures can form in atmospheres as low as 9% oxygen. Ignition energy required is as low as 15 millijoules. Typical dust/air mixtures capable of exploding contain 40 g per cubic meter. Exotherm initiation temperature (Grewer oven): 394° C

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT NAME	OSHA – PEL	ACGIH – TLV	OTHER	NTP/IARC/OSHA CARCINOGEN
Pyridaben (75%)	0.01 mg/m ³ *	Not Established	Not Established	None

*Manufacturer's recommendation

Only the identities of the active ingredient(s) and any *hazardous* inert ingredients are listed. Specific information on all of this product's ingredients can be obtained by the treating medical professional or spill emergency responder for the management of exposures, spills, or safety assessments.

4. FIRST AID MEASURES

If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
If swallowed	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have the person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by a poison control center or doctor.• Do not give anything to an unconscious person.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.
FOR MEDICAL EMERGENCIES INVOLVING THIS PRODUCT CALL 1-888-478-0798.

5. FIRE FIGHTING MEASURES

Flashpoint (test method): Not determined
Flammable Limits (% in air): Not determined
Autoignition Temperature: Exotherm initiation temperature (Greiner oven): 394° C
Flammability: Non flammable solid
Appropriate Extinguishing Media

Use water fog, foam, CO₂, or dry chemical extinguishing media.

Fire Fighting Guidance

Firefighters should be equipped with self-contained breathing apparatus and turnout gear. Care should be taken to decontaminate firefighters and equipment.

Unusual Fire, Explosion, and Reactivity Hazards

Explosive dust/air mixtures can form in atmospheres as low as 9% oxygen. Ignition energy required is as low as 15 millijoules. Typical dust/air mixtures capable of exploding contain 40 g per cubic meter. Exotherm initiation temperature (Greiner oven): 394° C

6. ACCIDENTAL RELEASE MEASURES

In Case of Spills or Leaks

Emergency response workers should wear a SCBA with Level B protection if dusts will be generated. If possible, keep spilled material dry and recover for use. Spilled material may be carefully swept up and returned to original container.

7. HANDLING AND STORAGE

May be fatal if inhaled. Do not breathe dust or spray mist. For handling activities, use dust/mist-filtering respirator (MSHA/NIOSH approval numbers prefix TC-21C), or a NIOSH approved respirator with N, P, R, or HE pre-filter. Wear long-sleeved shirt and long pants, socks and shoes and waterproof gloves. Harmful if swallowed or absorbed through skin. Avoid contact with skin. Remove contaminated clothing and wash before reuse. Causes moderate eye irritation. Do not get in eyes or on clothing. Wear goggles, face shield, or safety glasses. Wash thoroughly with soap and water after handling.

Precautions in storing

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

Storage

Store in a cool, dry place away from heat or open flame. This package contains water-soluble bags inside a foil liner (overwrap). Do not remove the water-soluble bags from the overwrap except for immediate use. If all the water-soluble bags are not used, carefully reseal the overwrap. The water-soluble bags may break if they are exposed to moisture, handled excessively, or handled with wet hands or wet gloves.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Protective eyewear
- Shoes plus socks
- For handling activities, use dust/mist filtering respirator (MSHA/NIOSH approval numbers prefix TC-21C), or a NIOSH approved respirator with a N, P, R, or HE pre-filter.
- Chemical-resistant headgear for overhead exposure.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not re-use them. Follow 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.

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Light tan powder
Melting Point: N/A
Boiling Point: N/A
**Specific Gravity/
Density:** 15.6 lb/ft(3) packed; 13.45 lb/ft(3) free fall

Solubility in H₂O: Dispersible
Vapor Pressure: Not determined

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions; relatively unstable to light.
**Hazardous
Polymerization:** Does not occur
**Decomposition
Products:** HCl, NO_x, SO_x, CO
**Hazardous
Mixtures:** Pyridaben is a reducing agent – AVOID OXIDIZERS
**Conditions
To Avoid:** Not applicable

11. TOXICOLOGICAL INFORMATION

Acute Toxicity/Irritation Studies

Rat, Acute Oral LD₅₀ = 1930 mg/kg
Rat, Acute Dermal LD₅₀ > 2000 mg/kg
Rat, Acute Inhalation LC₅₀ (4 hour) = 0.62 - 0.66 mg/L
Rabbit, Eye Irritation - not irritating
Rabbit, Skin Irritation - Non irritating to skin
Guinea pig, Dermal Sensitizer - Not sensitizing

Pyridaben was found not to be teratogenic in two species tested, but at a maternally toxic dose the compound did produce only slight non-specific developmental effects in one species.

12. ECOLOGICAL INFORMATION

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 when disposing 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 toxic to bees. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area. Application early in the morning or at dusk is suggested.

For the active ingredient:

Bluegill sunfish, LC ₅₀ (96-h):	1.8-3.3 3 µg/L
Rainbow trout, LC ₅₀ (96-h):	0.73 µg/L
Green algae, EC ₅₀ (48-h):	> 1 mg/L
<i>Daphnia magna</i> , EC ₅₀ (48-h):	0.38 µg/L
Bobwhite Quail, Oral LD ₅₀ :	> 2250 mg/kg
Mallard Duck, Oral LD ₅₀ :	> 2500 mg/kg
Honeybees, LD ₅₀ (contact):	0.024 µg/bee

13. DISPOSAL CONSIDERATION

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 Disposal:

Water-soluble packaging: The outer case and inner overwrap packaging of the water-soluble bag should be incinerated or disposed of in a sanitary landfill, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not re-use the empty packaging.

14. TRANSPORT INFORMATION

DOT Classification

UN 2588, Pesticides, Solid, Toxic, NOS (contains Pyridaben), 6.1, PG II

International Maritime Organization

UN 2588, Pesticides, Solid, NOS (contains Pyridaben 75%), 6.1, PG II, Marine Pollutant

International Civil Aviation Organization

UN 2588, Pesticides, Solid, NOS (contains Pyridaben 75%), 6.1, PG II

15. REGULATORY INFORMATION

SARA Title III Classification

Section 302/304:	Not listed
Section 311/312:	Immediate (acute) health hazard Delayed (chronic) health hazard Fire hazard
Section 313 chemical(s):	Not listed

Proposition 65

Not applicable

CERCLA Reportable Quantity (RQ)

Not applicable

RCRA Classification

Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

TSCA Status

Exempt from TSCA

16. OTHER INFORMATION

NFPA Hazard Ratings

Health: 4
Flammability: 3
Reactivity: 1

0	Least
1	Slight
2	Moderate
3	High
4	Severe

Prepared By:

Gowan Company
(800) 883-1844

Notice: The information and recommendations contained herein are provided in good faith and are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information herein.