


10163-321

03-30-2011

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	<p align="center"><b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460</p>	<p>EPA Registration No.  <b>10163-321</b></p>	<p>Date of Issuance:  <b>MAR 30 2011</b></p>
<p><b>NOTICE OF PESTICIDE:</b></p>		<p>Term of Issuance:</p>	
<p><input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration</p>		<p><b>Conditional Registration</b></p>	
<p>(under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</p>		<p>Name of Pesticide Product:  <b>GWN-426</b></p>	
<p>Name and Address of Registrant:</p>			
<p><b>Gowan Company</b> <b>P.O. Box 5569</b> <b>Yuma, AZ 85366</b></p>			
<p><b>Note:</b> Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p>			
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.</p>			
<p>Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p>			
<p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(a) provided that:</p>			
<ol style="list-style-type: none"> <li>1. Submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.</li> <li>2. Outstanding data requirements exist for some of the uses listed on this label. Submit or cite acceptable data within 6 months of the date of this registration to satisfy the following data requirements: <ol style="list-style-type: none"> <li>a) An orange processing study (Guideline 860.1520);</li> <li>b) A full set of apple and pear field trials (Guideline 860.1500) conducted with the EC formulation;</li> <li>c) Freshwater fish early life-stage study (Guideline 72-4(a));</li> <li>d) Freshwater fish full life-cycle study (Guideline 72-5);</li> <li>e) Avian reproduction (Guideline 71-4);</li> <li>f) Estuarine/marine fish LC<sub>50</sub> study (Guideline 72-3(a));</li> <li>g) Estuarine/marine mollusk LC<sub>50</sub> study (Guideline 72-3(b));</li> <li>h) Estuarine/marine shrimp LC<sub>50</sub> study (Guideline 72-3(c));</li> <li>i) Estuarine/marine fish full life-cycle study (Guideline 72-5);</li> <li>j) Estuarine/marine invertebrate life-cycle study (Guideline 72-4(b)).</li> </ol> </li> </ol>			

3. You will submit production information (pounds or gallons produced) for this product for the fiscal year in which the added uses are conditionally registered, in accordance with FIFRA Section 29. The fiscal year begins October 1 and ends September 30. The production information will be submitted to the Agency no later than November 15 following the end of the preceding fiscal year.

This information should be submitted to:

U.S. Environmental Protection Agency  
Office of Pesticide Programs (7504C)  
Document Processing Desk  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, D.C. 20460

4. The first aid statements must be in decreasing order of severity. Place the first aid statements in the following order:
  1. If swallowed...
  2. If in eyes...
  3. If on skin or clothing...
  4. If inhaled...

5. On page 2 under General Information, delete the following statement (implied safety claim):

“GWN-426 provides extended residual control of pest mite species without disrupting beneficial insects and mites.”

6. Remove from page 2, under Use Recommendations, “Do not make more than one application of GWV-426 Miticide per year.” (Retain statement on page 3 under “Restrictions on All Crops”.)

7. On page 3 in the Comments for Cotton, delete “recommended.”

8. On page 4, in the “Notice of Conditions of Sale and Warranty and Liability Limitations”, revise the following language, as indicated (remove text marked with strikethrough; add underlined text):

~~Our recommendations~~ The Directions for Use for of this product are based on tests believed to be reliable...

9. Revise the EPA Registration Number to read: “EPA Registration No. 10163-321” on page 1 of the label.

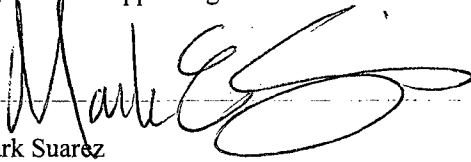
Two copies of the finished labeling must be submitted prior to releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A copy of your label stamped “Accepted with Comments” is enclosed for your records.

If you have any questions concerning this action, please contact Rosanna Louie-Juzwiak at (703) 308-0037.

Enclosure:

- GWM-426 Label, Stamped *Accepted with Comments*

Signature of Approving Official:



Mark Suarez  
Product Manager 13  
Insecticide Branch, Registration Division

Date:

30 March 2011

# GWN-426

JLC

MAR 30 2011

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
10163-321

## Ovicide/Miticide

EMULSIFIABLE CONCENTRATE FOR AGRICULTURAL USE ONLY

ACTIVE INGREDIENT: Hexythiazox	% By Wt.
<i>trans</i> -5-(4-Chlorophenyl)-N-cyclohexyl-4-methyl-2-oxothiazolidine-3-carboxamide	24.2%
OTHER INGREDIENTS	75.8%
	TOTAL 100%

GWN-426 contains 2 lbs. active ingredient per gallon

### KEEP OUT OF REACH OF CHILDREN CAUTION

#### FIRST AID

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

#### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact **1-888-478-0798** for emergency medical treatment information.

#### NOTE TO PHYSICIAN

May pose an aspiration pneumonia hazard. Contains petroleum distillate.

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Harmful if swallowed or inhaled. Causes moderate eye irritation. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

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

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

#### USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on 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. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when cleaning equipment or when disposing of equipment washwaters.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.



## GENERAL INFORMATION

GWN-426 Ovicide/Miticide is recommended for use as a foliar application in labeled crops. GWN-426 Ovicide/Miticide provides effective control of major spider mite species. It is an emulsifiable concentrate to be mixed with water and applied as a spray.

GWN-426 controls mites through activity on eggs and immature stages. Control is achieved from either direct contact with the spray or from contact with treated plant surfaces. Through its ovicidal activity, GWN-426 controls newly deposited mite eggs and eggs which are laid after application. GWN-426 is also highly effective in controlling immature motile stages of target mite species that are sprayed or move onto treated surfaces. Adult mites are not directly affected. However, eggs produced by females in contact with treated surfaces will be rendered inviable. GWN-426 provides extended residual control of pest mite species without disrupting beneficial insects and mites. The degree and duration of control is dependent on the rate used, growth stage of the mite, species of mite, and climatic conditions under which the material is applied.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Follow all directions on the EPA approved label and any supplemental 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.

## 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 intervals. 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:

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

**Managing Mite Resistance:** Repeated use of miticides with similar modes of action may lead to buildup of resistant strains of mites. For resistance management, apply GWN-426 only once per year. To reduce the potential for developing mite resistance, do not apply a miticide with a similar mode of action more than once per year (GWN-426 and Apollo® should not be applied to the same crop in any one year). If additional miticide applications are needed, use a product with a different mode of action, such as a contact adulticide. Read and follow product label before applying any miticide.

**Mixing Directions:** If this product is packaged in water-soluble bags, please read and observe the following directions for use:

- Packets containing GWN-426 are water-soluble. Avoid exposing inner bags to moisture.
- Do not allow bags to become wet prior to adding to the spray tank.
- Do not handle inner bag with wet hands.
- Reseal outer bag in a manner that protects remaining packets from moisture.
- Turn on spray tank agitation prior to adding water-soluble packets.
- To prepare the spray mixture, drop the required number of unopened packets to meet desired ounces, as determined under **APPLICATION DIRECTIONS**, into the spray tank while filling with water to the desired level (whenever possible direct the fill water over the top of the packets to increase the rate of solubility). Where dosages of GWN-426 are expressed as fractions of packets, prepare the tank mix load to the lower of the nearest whole packet.
- Depending on the water temperature and the degree of agitation, the packets should be completely dissolved within approximately three to five minutes from the time they were added to the spray tank.
- Once the packets have completely dissolved, add other chemicals following conventional mixing order practices.
- Tank-mix solutions containing boron will affect the solubility of the water-soluble film. Thoroughly rinse the spray tank of any boron - containing spray solution prior to adding any water-soluble packets. When preparing tank mixes containing boron, add the correct amount of GWN-426 to the spray tank first. Make sure that the water-soluble packets are completely dissolved. Add boron preparations to the spray tank last. High concentrations of boron may cause dissolved water soluble bag material to precipitate and form insoluble residue in the spray tank system.

If this product is **NOT** packaged in water-soluble bags, please read and observe the following directions for use:

- Turn on spray tank agitation. Pour recommended amount of this material on the surface of water in a nearly filled spray tank.
- Add balance of water to fill the tank.
- Keep agitator running during filling and spraying operations. Do not allow mixture to stand.

**Compatibility:** GWN-426 is compatible with most agricultural chemicals. However, all possible combinations have not been evaluated. Before full-scale mixing of GWN-426 with other products, test mix small proportionate quantities of each to ensure compatibility.

**Phytotoxicity:** As is common with most emulsifiable concentrate formulations, adverse effects such as spotting or discoloration of the treated surfaces can occur. Some conditions known to contribute to phytotoxicity include, but are not limited to, high temperatures, poor spray drying conditions, excessive spray deposit or run-off, certain spray mixtures, stage of crop development or tank mixes with other pesticides.

**Application Information:** Use sufficient spray volume to obtain thorough, uniform coverage of all plant surfaces. Apply using ground equipment only unless otherwise specified under the crop comments or on supplemental labeling supplied by Gowan Company.

**Important:** GWN-426 Miticide is a 2 pound active ingredient per gallon emulsifiable concentrate formulation to be diluted with water for application in commercial plantings only. Do not use in home plantings.

**Use Recommendations:** For best results, apply GWN-426 Miticide at first sign of mites before adult mite build up. GWN-426 Miticide will not control adult spider mites. Use higher rates on moderate to high mite infestations, large trees with dense foliage, or for extended residual control. The lowest rate of GWN-426 Miticide may be used in conjunction with other IPM strategies, or for shorter residual control later in the season. The use of less than label rates is not recommended since it will result in poor performance and contribute to resistance development. If adult mites are present in medium to high populations, better results may be obtained using GWN-426 Miticide in combination with a registered contact adulticide. GWN-426 Miticide may be tank mixed with horticultural grade oil. Refer to all precautions regarding phytotoxicity on the oil label.

Do not make more than one application of GWN-426 Miticide per year.

**PREHARVEST INTERVAL**

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The required days between the last application and harvest are given in ( ) after each crop name.

**APPLICATION DIRECTIONS**

<b>CROP</b>	<b>PEST</b>	<b>RATE OZS./ACRE</b>	<b>COMMENTS</b>
<b>COTTON (35)</b> (For use in California Only)	Twospotted spider mite, Pacific spider mite, Strawberry spider mite, Carmine spider mite	6-10	Apply GWN-426 before boll opening and prior to adult mite buildup. Complete coverage of foliage is essential to optimal performance. (For air applications, use recommended per acre rate and apply a minimum of 2 gallons of finished spray per acre.)  <ul style="list-style-type: none"> <li>Do not apply more than a total of 10 oz. formulated product per acre per year.</li> <li>Do not make more than one application per year.</li> </ul>
<b>TREE NUTS GROUP AND PISTACHIOS:</b> Including but not limited to: Almond, Beech Nut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (Hazelnut), Hickory Nut, Pecan, Pistachios, and Walnut (black and English) (28)	European red mite, Twospotted spider mite, McDaniel spider mite, Strawberry spider mite, Pacific spider mite, Pecan leaf scorch mite, Willamette mite, Citrus Red Mite	8-12	For air applications, apply a minimum of 5 gallons finished spray per acre.  <ul style="list-style-type: none"> <li>Do not make more than one application per year.</li> </ul>
<b>STONE FRUITS GROUP (including Plums):</b> Including but not limited to: Apricots, Cherries (sweet & tart), Nectarines, Peaches, Plums, Plumcots, and Prunes (28)	European red mite, Twospotted spider mite, McDaniel spider mite, Strawberry spider mite, Pacific spider mite, Pecan leaf scorch mite, Willamette mite	6-12	For air applications, apply a minimum of 5 gallons finished spray per acre.  <ul style="list-style-type: none"> <li>Do not make more than one application per year.</li> </ul>
<b>GRAPES (28)</b>	Tetranychid Mites (such as European Red Mite and Twospotted Spider Mite)	6-12	For application by ground equipment only. Use sufficient volume of water to obtain complete coverage but not less than 20 gallons per acre.  <ul style="list-style-type: none"> <li>Do not make more than 1 application per year.</li> <li>Do not apply more than 12 ounces per acre per year.</li> </ul>
<b>CITRUS (28)</b> (CA, AZ and TX ONLY)	Tetranychid Mites (such as European Red Mite and Twospotted Spider mite)	6-12	For application by ground equipment only. Use sufficient volume of water to obtain complete coverage but not less than 20 gallons per acre.  <ul style="list-style-type: none"> <li>Do not make more than 1 application per year.</li> <li>Do not apply more than 12 ounces per acre per year.</li> </ul>
<b>POME FRUIT GROUP</b> Including, but not limited to: Apple, Crabapple, Loquat, Mayhaw, Pear, and Quince (28)	European red mite, Twospotted spider mite, McDaniel spider mite, Pacific spider mite, Willamette mite	6-12	For application by ground equipment, use sufficient volume of water to obtain complete coverage but not less than 20 gallons per acre. For application by air, use sufficient volume of water to obtain complete coverage but not less than 10 gallons per acre.  <ul style="list-style-type: none"> <li>Do not make more than one application per year.</li> <li>For D'Anjou or Bosc pear varieties, use higher labeled rates (8-12 oz./acre).</li> </ul>

**RESTRICTIONS ON ALL CROPS**

- Do not graze or feed livestock on cover crops growing in treated areas.
- Do not use water from treated fields for irrigating other crops.
- Do not apply this product through any type of irrigation system.
- GWN-426 is an emulsifiable concentrate to be diluted with water for application in commercial plantings only.
- Apply GWN-426 prior to adult mite build up. GWN-426 will not control adult spider mites. Use higher rates on moderate to high mite infestations or for larger plants with a dense canopy. If adult mites are present in medium to high populations, better results may be obtained using GWN-426 in combination with a registered contact adulticide. The use of less than label rates is not recommended with GWN-426.
- Do not make more than one application of GWN-426 per year.
- Do not plant rotational crops other than those on this label within 120 days of this application.

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**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store product in original container only, away from other pesticides, fertilizers, food or feed.

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

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. 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 ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**Mini-Bulk Containers:** Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. After cleaning, if recycling is not available, puncture and dispose of in a sanitary landfill or by incineration or if allowed by State and local authorities by burning. If burned stay out of smoke.

**FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK OR FIRE), CALL CHEMTREC® (800) 424-9300.  
For other product information, contact Gowan Company or see Material 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 recommendations 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. All such risks shall be assumed by the Buyer and User.

Gowan Company warrants that this product conforms to the specifications on the label when used in strict conformance with Direction for Use, subject to the above stated risk limitations. GOWAN COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY

TO THE FULLEST EXTEND PERMITTED BY LAW, GOWAN COMPANY'S EXCLUSIVE LIABILITY FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, OR ANY OTHER LEGAL THEORY IS STRICTLY LIMITED TO THE PURCHASE PRICE PAID OR REPLACEMENT OF PRODUCT, AT GOWAN COMPANY'S SOLE DISCRETION.

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EPA Text: Onager 2E (to EPA 12-29-10)