

81880-4

08/12/2005

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

81880-4

Date of Issuance:

AUG 12 2005

NOTICE OF PESTICIDE:

Registration  
 Reregistration

Term of Issuance:

Conditional

Name of Pesticide Product:

GWN-1715

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Canyon Group LLC  
370 S. Main Street  
YUMA, AZ 85364

**Note:** 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.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 81880-4".

Signature of Approving Official:

*See page 2*

Date:

AUG 12 2005

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EPA Reg. No. 81880-4

(b) Within 18-months from the date of the registration, you must incorporate your supplemental labeling into a master label.

Submit two copies of the final printed label for the record.

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 stamped copy of the label is enclosed for your records.

Sincerely yours,



Richard J. Gebken  
Product Manager 10  
Insecticide Branch  
Registration Division 7505c

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# GWN-1715

miticide/insecticide

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

## 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	<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>
If swallowed	<ul style="list-style-type: none"> <li>•Call a poison control center or doctor immediately for treatment advice.</li> <li>•Have person sip a glass of water if able to swallow.</li> <li>•Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>•Do not give anything to an unconscious person.</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 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>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. <b>FOR MEDICAL EMERGENCIES INVOLVING THIS PRODUCT CALL 1-888-478-0798.</b>	

### 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)

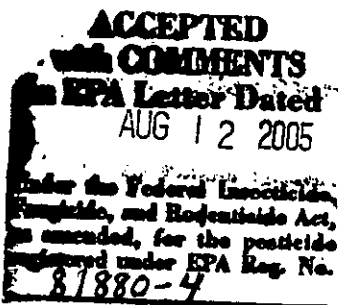
Applicators and other handlers must wear:

- 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 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.

**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-xxx  
EPA Est. No.

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 groups 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**

<b>Pests Controlled</b>	<b>Rate per Acre</b>
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 Pink citrus rust mite Silverleaf whitefly <sup>2</sup> Sixspotted mite Sweet potato whitefly <sup>2</sup> Texas citrus mite Variegated leafhopper (nymphs) Virginia creeper leafhopper (nymphs) White apple leafhopper (nymphs) <sup>2</sup> Willamette spider mite Yellow pecan aphid	5.2 - 10.67 oz
McDaniel spider mite Pacific spider mite Pear Psylla	6.6 - 10.67 oz
Twospotted spider mite	8.8 - 10.67 oz
<b>Pests Suppressed</b>	<b>Rate per Acre</b>
Apple aphid Brown citrus aphid Citrus root weevil	5.2 - 10.67 oz

<sup>1</sup> 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.

<sup>2</sup> 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.

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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 <sup>3</sup>	Aircraft Application
Apples	25	10.67	1	No
Apricots <sup>1</sup>	300	10.67	2	No
Cherries <sup>1</sup>	300	10.67	2	No
Citrus	7	10.67	2	No
Cranberries <sup>2</sup>	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

<sup>1</sup> Do not Apply GWN-1715 to apricots and cherries in California  
<sup>2</sup> Use GWN-1715 in cranberries in CT, DE, ME, MA, NH, NJ, NY, RI AND VT only.  
<sup>3</sup> 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.

<b>Crops</b>		
This product can be used on the following Crops:		
Almond	Chestnut	Nectarines
Apples	Chinquapin	Peaches
Apricots	Citrus	Pear
Beech	Cranberries	Pistachio
Blackwalnut	English Walnut	Plums
Brazil Nut	Filbert	Prunes
Butternut	Grapes	
Cashew	Hickory	
Cherries	Macadamia	

Look inside for complete **Restrictions and Limitations and Application Instructions.**

**Pests listed in this label:**

Broad mite	<u>Family: Tarsonemidae</u> <i>Polyphagotarsonemus latus</i>
False spider mite	<u>Family: Tenuipalpidae</u> <i>Brevipalpus phoenicis</i>
Citrus flat mite	<i>Brevipalpus lewisi</i>
Apple Rust mite	<u>Family: Eriophyidae</u> <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>Epitremes pyri</i>
Pink citrus rust mite	<i>Aculops pelekassi</i>
Citrus red mite	<u>Family: Tetranychidae</u> <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	<u>Family: Curculionidae</u> <i>Pachnaeus litus</i>
Apple aphid	<u>Family: Aphididae</u> <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	<u>Family: Aleyrodidae</u> <i>Bemisia tabaci</i>
Silverleaf whitefly	<i>Bemisia argentifolii</i>
Pear Psylla	<u>Family: Psyllidae</u> <i>Cacopsylla pyricola</i>
Eastern grape leafhopper	<u>Family: Cicadellidae</u> <i>Erythroneura comes</i>
Grape leafhopper	<i>Erythroneura elegantula</i>
Variogated 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:** 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**



**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 Canyon. All such risks shall be assumed by the Buyer and User.

Canyon warrants that this product conforms to the specifications on the label and is reasonably fit for the intended purpose referred to on the label when used in strict conformance with Direction for Use, subject to the above stated risk limitations. CANYON MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY

BUYER'S OR USER'S EXCLUSIVE REMEDY AND CANYON'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 CANYON'S SOLE DISCRETION.

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# Supplemental Label GWN-1715 miticide/insecticide

## For Use on Grapes, Nectarines, Peaches, Plums, Prunes, Pistachio, Almonds and other Tree Nuts in California

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

### 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. This label must be in the possession of the user at the time of application.

### 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 grapes, nectarines, peaches, plums, prunes, pistachio, almonds and other tree nuts 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

**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 reduce the potential of obtaining a population of acaricide-resistant mites, the grower should alternate products of differing modes of action. Consult with your local or state extension personnel for advice on miticide use and selection.

### APPLICATION INFORMATION

**GWN-1715** may be applied by ground equipment using either diluted or concentrated sprays. Apply recommended rates of **GWN-1715** as instructed by section IV. **Crop-Specific Information** and in Table 1. 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 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. 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.

### RESTRICTIONS AND LIMITATIONS

- **Maximum seasonal use rate:** Do not apply more than a total of **21.3 ounces of GWN-1715 (1.0 pound a.i.)** per acre, per season. Do not apply less than 3.5 ounces of **GWN-1715** per acre, per season.
- **Restricted Entry Interval (REI): 12 hours.**
- Allow a minimum of **30 days** between sequential applications of **GWN-1715**.
- **Preharvest Interval (PHI):** Refer to Table 2.
- Do not apply **GWN-1715** by air.
- Do not use less than 50 gallons of water volume per acre on grapes and less than 100 gallons of water volume per acre for all other crops.
- Do not make more than 2 applications of **GWN-1715** per year.
- **Drift:** Do not apply when weather conditions favor drift to aquatic areas. Do not apply when gusts or sustained winds exceed 10 miles per hour. Do not apply during a temperature inversion. Mist or fog may indicate the presence of an inversion in humid areas.
- Do not apply through any type of irrigation equipment.

NET CONTENTS \_\_\_\_ POUNDS

EPA Reg. No. 81880-xxx  
EPA Est. No.

Canyon Group  
C/O Canyon  
P.O. Box 5569  
Yuma, AZ 85366-5569

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**Table 1. GWN-1715 miticide/insecticide Application Rate Table**

<b>Pests Controlled</b>	<b>Concentrate Rate Per Acre (100-200 gpa)</b>	<b>Dilute Rate Per 100 Gallons (200-400 gpa)</b>
European red mite	0.53-0.8 bags (3.5-5.2 ounces)	0.27 bag (1.8 oz)
Blackmargined aphid Citrus flat mite Grape leafhopper Peach silver mite Variegated leafhopper Virginiacreeper leafhopper Willamette spider mite White apple leafhopper Yellow pecan aphid	0.8-1.6 bags (5.2-10.67 ounces)	0.4 bag (2.6 oz.)
McDaniel spider mite Pacific spider mite Twospotted spider mite	1.1 -1.6 bags (7.0-10.67 ounces)	0.4 bag (2.6 ounces)
<b>Pests Suppressed</b>	<b>Concentrate Rate Per Acre (100-200 gpa)</b>	<b>Dilute Rate Per 100 Gallons (200-400 gpa)</b>
Silverleaf whitefly	0.8-1.6 bags (5.2-10.67 ounces)	0.4 bag 2.6 ounces
Do not use less than 100 gallons spray volume per acre on all crops except in grapes which is 50 gallons spray volume per acre. Do not break the water-soluble bags. Fractions are used for the purpose of conversion and accurate rate calculation.		

**CROP-SPECIFIC INFORMATION**

**GRAPES**

Apply **GWN-1715** in 50-400 gallons of water per acre. Use the higher rate of **GWN-1715** to ensure adequate concentration in mature vineyards with dense foliage. See Table 1 for application rates for specific pests.

**NECTARINES, PEACHES, PLUMS, PRUNES, TREE NUTS GROUP AND PISTACHIO**

Apply **GWN-1715** in 100-400 gallons of water per acre. Use the higher rate of **GWN-1715** to ensure adequate concentration in full size trees with dense foliage. **Specifically for almonds**- Applications may be made early from shuck split through mid-summer. For best control, pest populations must be building with primarily immature stages present at the time of application. See Table 1 for application rates for specific pests.

**Table 2. Crop-Specific Restrictions and Limitations**

<b>Crop</b>	<b>Minimum Time from Application to Harvest (PHI)</b>	<b>Maximum Rate Per Acre Per Application</b>	<b>Maximum Rate Per Acre Per Season</b>	<b>Aircraft Application</b>
Grapes	7 days	10.67 ounces	21.3 ounces	No
Nectarines	7 days	10.67 ounces	21.3 ounces	No
Peaches	7 days	10.67 ounces	21.3 ounces	No
Pistachio	7 days	10.67 ounces	21.3 ounces	No
Plums	7 days	10.67 ounces	21.3 ounces	No
Prunes	7 days	10.67 ounces	21.3 ounces	No
Tree Nuts Group (Almond, Beech, Brazil, Butternut, Cashew, Chestnut, Chinquapin, Filbert, Hickory, Macadamia, Pecan, Black Walnut and English Walnut)	7 days	10.67 ounces	21.3 ounces	No