

71908-1

01/13/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Washington, D.C. 20460

January 13, 2009

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Kyla S. Smith
Registration Specialist
Gowan Company
PO Box 5569
Yuma, AZ 85366-5569

RE: Product Name: NeemAzal T/S 1.2 EC Insecticide
EPA Reg. No: 71908-1
Application for Label Notification dated December 12, 2008 to Add Alternate Brand
Name: Azahar

Dear Ms. Smith:

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration (PR) Notice 98-10 dated above. A preliminary screen of this request has been conducted for its applicability under PR Notice 98-10 and it has been determined that the action(s) requested falls within the scope of PR Notice 98-10. Our records have been duly noted, and the label submitted with this application has been stamped "Notification, received and reviewed" and will be placed accordingly in our records.

Questions concerning this action should be directed to Ms. Diana Hudson at (703) 308-8713 or email at hudson.diana@epa.gov.

Sincerely,

Sheryl K. Reilly

Sheryl K. Reilly, Ph.D., Chief
Microbial Pesticides Branch
Biopesticides and Pollution Prevention
Division (7511P)

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United States Environmental Protection Agency Washington, DC 20460

Registration Amendment Other (checked)

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number: 71908-1-10163
2. EPA Product Manager: Linda Hollis
3. Proposed Classification: None (checked)
4. Company/Product (Name): NeemAzal T/S 1.2 EC
5. Name and Address of Applicant: Gowan Company, P.O. Box 5569 Yuma, AZ 85366
6. Expedited Review: EPA Reg. No., Product Name

Section - II

Amendment - Explain below. Resubmission in response to Agency letter dated. Notification - Explain below. Final printed labels in response to Agency letter dated. "Me Too" Application. Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

NOTIFICATION

Date Reviewed: 1-13-09

Reviewed By: D. Hudson

Section - III

1. Material This Product Will Be Packaged In: Child-Resistant Packaging, Unit Packaging, Water Soluble Packaging. 2. Type of Container: Metal, Plastic, Glass, Paper, Other. 3. Location of Net Contents Information: Label, Container. 4. Size(s) Retail Container. 5. Location of Label Directions: On Label, On Labeling accompanying product. 6. Manner in Which Label is Affixed to Product: Lithograph, Paper glued, Stenciled, Other.

Section - IV

1. Contact Point: Name: Kyla S. Smith, Title: Registration Specialist, Telephone No.: 928-819-1531. Certification: I certify that the statements I have made on this form... 2. Signature: [Handwritten Signature], 3. Title: Registration Specialist, 4. Typed Name: Kyla S. Smith, 5. Date: 12-9-08, 6. Date of Application Received (Stamped): [Stamp]

December 12, 2008

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
Room S-4900
One Potomac Yard (South Building)
2777 South Crystal Drive
Arlington, VA 22202

Attention: Linda A. Hollis, Biochemical Pesticide Branch

RE: Alternate Brand Name
NeemAzal T/S 1.2 EC, EPA Reg. No. 71908-1 (Azahar)

Dear Ms. Hollis:

In accordance with PR Notice 98-10, we are submitting a notification of alternate Brand Name for NeemAzal T/S 1.2 EC.

We submit the following to support this notification:

- EPA Form 8570-1: Application for Pesticide
- EPA Form 8570-5: Notice of Supplemental Distribution
- One (1) copy of the proposed label

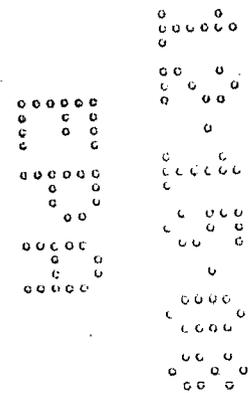
This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Thank you very much for your help. If you have any questions or comments, please do not hesitate to contact me at kssmith@gowanco.com or by phone at (928) 819-1531.

Sincerely,



Kyla S. Smith
Registration Specialist



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AZAHAR™

NOTIFICATION

Date Reviewed: 1-13-09

Reviewed By: D. Hudson

BOTANICAL INSECTICIDE, REPELLANT, ANTIFEEDANT AND INSECT GROWTH REGULATOR (IGR)

- BOTANICAL PRODUCT FOR CONTROL OF INSECTS ON INDOOR AND OUTDOOR TREES, SHRUBS, FLOWERS, FRUIT AND NUT TREES, AND PLANTS.
- INDOOR AND OUTDOOR VEGETABLES, ORNAMENTAL FLOWERS, TREES, TURFGRASS, SHRUBS AND PLANTS, INCLUDING PLANTS GROWN IN CONTAINERS, INTERIORSCAPES.

ACTIVE INGREDIENT:

Azadirachtin.....	% By Wt.
.....	1.2%
OTHER INGREDIENTS.....	98.8%
.....	TOTAL 100.00%

Contains 0.0987 lb. (44.8 g) azadirachtin per gallon.

FOR ORGANIC PRODUCTION

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

If inhaled	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 poison control center or doctor for further treatment advice.
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 eyes. Call a poison control center or doctor for 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.
Have the product container or label with you when calling a poison control center or doctor or going for treatment. CALL THE POISON CONTROL HOTLINE 24 HOURS A DAY AT 1-888-478-0798	

NET CONTENTS _1 qt, 1 or 2.5_ GALLONS

EPA Reg. No. 71908-1-10163
EPA Est. No. 67545-AZ-1



Produced For:
Gowan Company
P. O. Box 5569
Yuma, AZ 35266-5569

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Chemical resistant gloves
- Shoes plus socks

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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates.

For Terrestrial Uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should 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.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS. 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 interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard (WPS).

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 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
- Chemical resistant gloves
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in the box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

This is an end use product. Gowan Company does not intend that this product be reformulated or repackaged except under a full repackaging agreement.

SPRAY PREPARATION

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Azahar Insecticide is an emulsifiable concentrate to be diluted with water.

Water as diluent:

Add one-half the required amount of water to the spray tank, then add **Azahar Insecticide** slowly with agitation, and complete filling the tank with water. To prevent separation of the emulsion, mix thoroughly and continue agitation while spraying.

This product forms an emulsion and can separate upon extended or prolonged standing. Re-agitate to assure uniformity of the spray mixture.

Adjusting the mixture pH to between 5 and 7 will provide optimal performance. Do not use tank additives that alter the pH of the spray solution above pH 7. Buffer the spray solution to alter the pH range as appropriate.

Prepare only the volume needed for the intended application, and use the spray mixture within 24 hours of preparation.

TANK MIXTURES

Azahar Insecticide is an emulsifiable concentrate and is compatible with commonly used pesticides and fertilizers. Always check the physical compatibility using a jar test in the correct proportions if needed.

If a broader spectrum of control is required tank-mix **Azahar Insecticide** with insecticides or miticides. If a rapid knockdown of heavy populations is necessary, then include an effective contact insecticide/miticide in combination with **Azahar Insecticide**.

Tank mixtures are for use only in states where the companion product(s) and the application site are registered.

Always read and follow the directions for use, precautions and limitations for use on all product labels used in combination. *Applications must follow the precautions and limitations of the most restrictive product label in the mixture. Do not exceed the dosage rates of any product.*

Select the right companion products:

IPM uses a variety of control options including biological, chemical, and cultural practices. Azadirachtin is botanical with growth regulator effect on insects and mites. Companion products include pyrethroids, spinosyns, microbial toxins, and chloronicotinyls that can complement azadirachtin. Formulations of bifenthrin, spinosad, abamectins, and imidacloprid are effective for different pests. Select the product that has been proven to provide adequate performance for the pests you are trying to control.

Physical Incompatibility

Do not use **Azahar Insecticide** with Captan, Bordeaux mixture, triphenyltin hydroxide, lime sulfur, Rayplex iron or other highly alkaline materials as they can cause phytotoxicity and/or reduced efficacy on some target pests. Tank-mix combinations with compounds known to be incompatible with oil-based formulations are not to be used or phytotoxicity will occur.

ADJUVANTS

The addition of adjuvants may enhance control under certain conditions; the use of adjuvants or oils will cause phytotoxicity and should be thoroughly tested prior to use. Do not add crop oils to spray mixtures intended for use on ornamental plants, flowers, trees, and shrubs.

APPLICATION EQUIPMENT

Ground Equipment

Apply **Azahar Insecticide** with hand-operated (manual) or power spray equipment suitable for low volume and/or high volume applications. Follow the recommendations of the equipment manufacturer when using backpack sprayers, hose-end sprayers, compression (pump-up) sprayers, and other sprayers suitable for foliar applications of insecticides.

Chemigation and Subsurface Equipment

Azahar Insecticide may also be applied through chemigation systems and sub-soil treatment equipment; always follow equipment manufacturer's directions.

APPLICATION SCHEDULE

For the most effective control, apply the product when pests are expected to appear or as soon as possible after pests appear and are in immature stages. Spray at an interval of seven (7) to ten (10) days or as the situation warrants.

During high pest infestation levels or when canopy is dense use higher dosage (use) rates and increase the spray frequency. Spraying in the morning or evening hours is recommended. Repeat spraying if rain occurs within two to three hours of spraying. For additional guidance, consult with the state agricultural experiment station or local extension horticulturalist/arborist for information on tactics and windows of application.

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TABLE 3. SPRAY PREPARATION FOR HIGH VOLUME APPLICATIONS FOR SPRAY CONCENTRATIONS OF 0.25% to 1.70%.

Gallons Of Water	Amounts of Azahar Insecticide For:						
	0.25%	0.50%	0.75%	1.00%	1.25%	1.50%	1.70%
1 gallon	0.32 fl. oz.	0.64 fl. oz.	0.96 fl. oz.	1.28 fl. oz.	1.60 fl. oz.	1.94 fl. oz.	2.18 fl. oz.
5 gallons	1.60 fl. oz.	3.2 fl. oz.	4.8 fl. oz.	6.4 fl. oz.	8.0 fl. oz.	9.7 fl. oz.	10.9 fl. oz.
10 gallons	3.2 fl. oz.	6.4 fl. oz.	9.6 fl. oz.	12.8 fl. oz.	16.0 fl. oz.	19.4 fl. oz.	21.8 fl. oz.
25 gallons	8.0 fl. oz.	16.0 fl. oz.	24.0 fl. oz.	32 fl. oz.	1.25 qts.	1.50 qts.	1.70 qts.
50 gallons	16.0 fl. oz.	32.0 fl. oz.	1.50 qts.	2.0 qts.	2.5 qts.	3.0 qts.	3.4 qts.
100 gallons	1.0 qt.	2.0 qts.	3.0 qts.	4.0 qts.	5.0 qts.	6.0 qts.	6.8 qts.
150 gallons	1.5 qts.	3.0 qts.	4.5 qts.	6.0 qts.	7.5 qts.	9.0 qts.	10.2 qts.
200 gallons	2.0 qts.	4.0 qts.	6.0 qts.	8.0 qts.	10.0 qts.	12.0 qts.	13.6 qts.

TABLE 4. SPECIALIZED SPRAY PREPARATION FOR LOW VOLUME APPLICATIONS OF 5 - 25 GALLONS PER ACRE WITH SPRAY CONCENTRATIONS OF 0.25% to 1.70%.

Spray Concentration Desired, % vol/vol	Spray Volume, Gallons Per Acre				
	5 gpa	10 gpa	15 gpa	20 gpa	25 gpa
0.25% v/v	1.6 fl. oz/acre	3.2 fl. oz/acre	4.9 fl. oz/acre	6.5 fl. oz/acre	8.0 fl. oz/acre
0.50% v/v	3.2 fl. oz/acre	6.4 fl. oz/acre	9.6 fl. oz/acre	12.8 fl. oz/acre	16.0 fl. oz/acre
0.75% v/v	4.8 fl. oz/acre	9.6 fl. oz/acre	14.4 fl. oz/acre	19.2 fl. oz/acre	24.0 fl. oz/acre
1.00% v/v	6.4 fl. oz/acre	12.8 fl. oz/acre	19.2 fl. oz/acre	25.5 fl. oz/acre	32.0 fl. oz/acre
1.25% v/v	8.0 fl. oz/acre	16.0 fl. oz/acre	24.0 fl. oz/acre	32.0 fl. oz/acre	40.0 fl. oz/acre
1.50% v/v	9.6 fl. oz/acre	19.2 fl. oz/acre	28.9 fl. oz/acre	38.5 fl. oz/acre	48.0 fl. oz/acre
1.70% v/v	10.8 fl. oz/acre	21.6 fl. oz/acre	32.5 fl. oz/acre	43.3 fl. oz/acre	54.0 fl. oz/acre

SPECIFIC USE INSTRUCTIONS:

Decision-making for IPM:

Scouting, monitoring, sampling, record-keeping, and predictive models are techniques to determine *if* and *when* insecticide/miticide applications are needed. The application schedule should coincide with the most vulnerable stage of the pest. For azadirachtin, target the most vulnerable stages of young larvae and young nymphs. The early larval stages and the early instar stages are more susceptible to this IGR than the later stages of the same pests.

For Lepidoptera:

- Armyworms: Apply when larvae are small.
- Bagworms: Apply when bags are small and larvae are actively feeding.
- Gypsy moth larvae: Apply when larvae are small and all eggs have hatched.
- Spruce budworms: Apply when larvae are exposed and actively feeding.

For Acarina:

- Spider mites: Apply when nymphs are first observed and before mite populations have become severe. Use multiple applications with 7-10 day intervals until infestation is controlled. Thorough coverage of both upper and lower leaf surfaces is needed.

For Thysanoptera:

- Thrips: Apply early at first signs of infestation and repeat until infestation is controlled.

For Hymenoptera:

- Sawfly: Apply when larvae are small. Refer to tree injection method of this label.

For Hemiptera and Homoptera:

- Leafhoppers: Apply when first observed and repeat applications at 5 - 7 day intervals.
- Mealybugs: Obtain thorough coverage of leaves and twigs.
- Scale: Obtain thorough coverage of leaves and twigs.

For Coleoptera:

- Beetles: Apply early at first signs of infestation and repeat applications at 7 - 10 day intervals.
- Japanese beetle (adults): Use foliar applications to repel adult feeding and treat at 5 - 7 day intervals.

For Diptera:

- Leafminers: Apply early to larvae when stippling or mining of leaves is first observed. Repeat applications at 7 - 10 day intervals until infestation is controlled.

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TURFGRASS ESTABLISHED IN RESIDENTIAL (LAWNS), INSTITUTIONAL, PUBLIC, COMMERCIAL AND INDUSTRIAL SITES, PARKS, RECREATIONAL AREAS, GOLF COURSES, SOD FARMS, AND ATHLETIC FIELDS

Use Azahar Insecticide to control the pests presented in Table 5. Dilute Azahar Insecticide in water.

The most vulnerable stage to this product is young larvae and nymphs. Schedule treatments for the early larval stages and early instars when populations are established, but before turf damage becomes noticeable.

The maximum rate on turfgrass of Azahar Insecticide is 57.0 fl. oz of product per acre per application or 1.3 fl. oz product per 1,000 sq. ft. per application. Apply at a rate up to 57 fl. oz of product per acre. Use the higher rate specified on this label for moderate to heavy infestations.

Irrigation:

Avoid (delay or postpone) irrigation for 12 - 24 hours after application of this product.

Mowing:

Avoid (delay or postpone) mowing of the treated area for 12 - 24 hours after treatment.

Degree day and plant phenology models can assist in developing the appropriate application schedule for the target pests. Consult your state university or local Cooperative Extension Service office for specific pest control application timing in your area.

Azahar Insecticide can be tank mixed with other insecticide/miticides if a broader spectrum of pest control is required. Observe all precautionary statements and follow all label directions of companion product(s).

Specific Use Instructions:

1. Armyworms: Apply during the early morning or late afternoon to maximize control.
2. Sod webworm larvae: Applications in the late afternoon or early evening can maximize control.

TABLE 5. APPLICATION RATES FOR TURFGRASS ESTABLISHED IN RESIDENTIAL (LAWNS), INSTITUTIONAL, PUBLIC, COMMERCIAL AND INDUSTRIAL SITES, PARKS, RECREATIONAL AREAS, GOLF COURSES, SOD FARMS, AND ATHLETIC FIELDS.

USE	PESTS	Amount of Azahar Insecticide		Spray Volumes		Number of Applications & Interval Days
		fl. oz./acre	fl. oz./1,000 sq. ft.	gals./acre	gals./1000 sq. ft.	
Cool-Season and Warm-Season Turfgrass	Larvae and nymphs of these pests including but not limited to: Armyworms Bermudagrass mite Cutworms Grasshopper Sod webworm	Up to 57.0 fl. oz	Up to 1.3 fl. oz	40 - 100 gpa	1-2 gal/1,000 sq. ft.	As needed, 7 days

DRENCH APPLICATION FOR GREENHOUSES, NURSERIES, INTERIORSCAPES AND FOR PLANTS GROWN IN CONTAINERS:

Use **Azahar Insecticide** as a soil drench for effective control of soil-borne insect larvae, including soil-borne larvae of foliar pests, such as fungus gnats, nematodes, or soil borne thrips. When applying as a drench, avoid excessive leaching.

Preventive applications as a soil drench may be warranted for certain pests. Soil drench applications of azadirachtin will have a slower rate of activity because of soil absorption when compared to foliar applications of azadirachtin. Target the initial application of a soil drench treatment to coincide with the early stages of young larvae and young nymphs.

Dilute **Azahar Insecticide** with water for concentrations of 0.4 to 0.8% vol/vol. Drench the soil in the pot with one (1) pint of finished spray per 1.0 gallon of soil. For fungus gnats, use the 0.4% spray concentration. For mushroom fly maggot control, use the 0.6% vol/vol spray concentration. For leafminers and other difficult to control pests, use the 0.8% vol/vol spray concentration. Two to three (2-3) applications should be scheduled at 10-14 day intervals until the pest pressure has ended.

DILUTION TABLE FOR DRENCH APPLICATIONS

Gallons of Water	Amount of Azahar Insecticide			Application Interval	Number of Applications
	0.4%	0.6%	0.8%		
1 gallon	1 Tbs.	1.5 Tbs.	2.0 Tbs.	10 - 14 days	2 - 3
5 gallons	2.7 fl. oz	4.0 fl. oz	5.5 fl. oz	10 - 14 days	2 - 3
10 gallons	5.4 fl. oz	8.0 fl. oz	11.0 fl. oz	10 - 14 days	2 - 3
100 gallons	1.7 qts.	2.5 qts.	3.4 qts.	10 - 14 days	2 - 3

Azahar Insecticide can also be applied through sub-surface treatment equipment. Always follow manufacturer's use directions.

TREE INJECTION

Inject **Azahar Insecticide** into mature trees established in landscapes, residential settings, nurseries, and forestry sites.

Use appropriate tree injection equipment and follow the instructions provided by the equipment manufacturer.

Application Schedule For Tree Injections

Consult with your state agricultural experiment station, extension specialist, or your local U.S. Forest Service authority for information on the application schedule for specific pests in your area.

Pests Controlled and Hosts:

PESTS	HOSTS
Spruce budworm larva	White Spruce Black Spruce Balsam Fir
Pine false webworm	Eastern White Pine Red Pine
Pine sawfly larvae	White Pine
Cedar leafminer	White Cedar

Dosage Rate For Tree Injections

Use appropriate injection equipment. Inject at the rate of 0.37 - 0.74 fl. oz (11 - 22 ml) of product per inch tree trunk diameter at breast height. Or, inject at the rate of 0.127 - 0.25 grams azadirachtin per inch tree trunk diameter at breast height.

CHEMIGATION GENERAL INFORMATION

Apply this product only through drip (trickle) or sprinkler irrigation systems. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues can result from non-uniform distribution of treated water.

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. Direct your questions concerning calibration to your State Extension Service Specialist, the equipment manufacturer, or other expert. A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of a responsible person, shall shut the system down and make necessary adjustments should the need arise.

Dilute **Azahar Insecticide** with water before introduction into the system. Use the diluted solution within 8 hours. Do not apply in irrigation water if the pH exceeds 7.0. The optimum pH range for application is 5.5 to 6.5. The pH of the irrigation water can be adjusted by use of a suitable buffering agent. Agitation is necessary. Apply at the specified rate using sufficient water to achieve an even distribution within an 8-hour period. Do not apply **Azahar Insecticide** at a rate that exceeds 3.5 pints active ingredient per acre (57 fl. oz).

If the irrigation cycle will last longer than 8 hours and the **Azahar Insecticide** is premixed in the supply tank, the tank mix must be buffered to a pH of 8 or lower.

For Chemigation Systems Connected to A Public Water System: Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of a year.

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Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone (RPZ), backflow preventer or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction.

There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top of overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speeds favor drift beyond the area intended for treatment.

Operation Of Sprinkler Chemigation Or Drip (Trickle) Utilizing A Pressurized Water And Pesticide Injection System: The system must contain a functional check valve, vacuum relief valve, and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid toward the injection pump. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch that will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

STORAGE AND DISPOSAL Do not contaminate water, food, or feed by storage and disposal	
Pesticide Storage:	Store in original container in a dry, cool, well ventilated area.
Pesticide Disposal:	Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.
Container Disposal:	Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill container 1/4 full with water and recap. Shake 10 seconds. Pour rinsate into application equipment or mix tank or store rinsate for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure two more times.

NOTICE ON CONDITIONS OF SALE

The directions for use of this product are based upon tests believed to be reliable, and the directions for use must be followed. To the extent applicable by law the use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. To the extent applicable by law, the buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

Azahar™ is a trademark of Gowan Company, L.L.C.

CA Text Pending: Azahar, (to CA X-X-08)