

10163-204

7-11-2006

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Print Form

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0080, Approval expires 2-28-

	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
	Application for Pesticide - Section I		

1. Company/Product Number 10163-204	2. EPA Product Manager Jim Tompkins	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Betasan 7-G	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Gowan Company P.O. Box 5569 Yuma, AZ 85365 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION JUL 11 2006
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

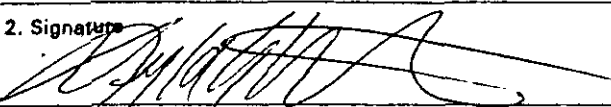
Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Correct typo

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Unit Packaging wgt. _____ No. per container _____	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____	
* Certification must be submitted		If "Yes" Package wgt. _____ No. per container _____			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> E	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Kyla S. Smith	Title Registration Specialist	Telephone No. (Include Area Code) 928-783-1531
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6 Date Application Received (Stamped)
2. Signature 	3. Title Registration Specialist	
4. Typed Name Kyla S. Smith	5. Date 6-15-06	

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
10163-204

Date of Issuance:
JUL 23 2002

NOTICE OF PESTICIDE:
 Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:
UnConditional

Name of Pesticide Product:
Betasan 7-G

Name and Address of Registrant (include ZIP Code):

Ms. Terre R. Allen
Registration Specialist
GOWAN
P.O. Box 5569
Yuma, AZ 85366-5569

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.

Based on your response to the Bensulide Reregistration Eligibility Decision (RED) document, EPA has reregistered the product listed above provided you:

Submit three (3) copies of your final printed labeling before you release the product for shipment.

Enclosed is a copy of your label stamped "Accepted". This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Signature of Approving Official:

Date:

7-23-02

Betasan[®] 7-G

NOTIFICATION 3/8

JUL 11 2006

A selective herbicide with the preemergent applications intended for control of crabgrass and annual bluegrass in turfgrass

ACTIVE INGREDIENT:

Bensulide: S-(O,O-Diisopropyl phosphorodithioate) ester of N-(2-mercaptoethyl) benzenesulfonamide 7.0%

OTHER INGREDIENTS 93.0%**TOTAL** 100.0%

This product contains 7 pounds of bensulide per 100 pounds.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID Organophosphate Insecticide	
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing• Rinse skin immediately with plenty of water for 15-20 minutes• Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none">• Call 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 the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-888-478-0798 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical-resistance category selection chart.

Applicators using a push type spreader and all loaders must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical resistant gloves such as barrier laminate or viton ≥ 14 mil.
- Chemical resistant footwear plus socks
- A NIOSH approved respirator with any N, R, P, or HE filter

All other applicators and handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate or viton ≥ 14 mil.
- Shoes plus socks
- In addition to the above, for-hire applicators (non-golf-course employees) must wear a NIOSH-approved respirator with any N, R, P, or HE filter (due to risk from repeated exposures) when applying this product to golf courses.

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.

NET CONTENTS _____ POUNDS

Gowan[®]

EPA Reg. No: 10163-204
EPA Est. No: 66196-CA-1

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

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Betasan[®] 7-G

A selective herbicide with the preemergent applications intended for control of crabgrass and annual bluegrass in turfgrass

ACTIVE INGREDIENT:

Bensulide: S-(O,O-Diisopropyl phosphorodithioate) ester of N-(2-mercaptoethyl) benzenesulfonamide..... 7.0%

OTHER INGREDIENTS 93.0%

TOTAL 100.0%

This product contains 7 pounds of bensulide per 100 pounds.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID Organosphosphate Insecticide	
If on skin or clothing	<ul style="list-style-type: none"> Take off contaminated clothing Rinse skin immediately with plenty of water for 15-20 minutes Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
If swallowed	<ul style="list-style-type: none"> Call 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 the poison control center or doctor. Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-888-478-0798 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS WARNING

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical-resistance category selection chart.

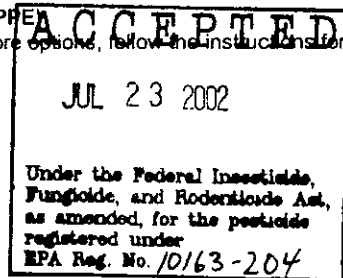
Applicators using a push type spreader and all loaders must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical resistant gloves such as barrier laminate or viton \geq 14 mil.
- Chemical resistant footwear plus socks
- A NIOSH approved respirator with any N, R, P, or HE filter

All other applicators and handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate or viton \geq 14 mil.
- Shoes plus socks
- In addition to the above, for-hire applicators (non-golf-course employees) must wear a NIOSH-approved respirator with any N, R, P, or HE filter (due to risk from repeated exposures) when applying this product to golf courses.

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.



NET CONTENTS _____ POUNDS



EPA Reg. No: 10163-204
EPA Est. No: 66196-CA-1

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

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE 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 chemical 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. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate. Do not apply when weather conditions favor drift from the treated area. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. This product may impair reproduction in birds if used during the breeding season.

Smooth Crabgrass (<i>Digitaria ischaemum</i>)	Goosegrass (<i>Eleusine indica</i>)
Hairy Crabgrass (<i>Digitaria sanguinalis</i>)	Annual bluegrass (<i>Poa annua</i>)
Redroot pigweed (<i>Amaranthus retroflexus</i>)	Shepherdspurse (<i>Capsella bursa-pastoris</i>)
Barnyardgrass (Watergrass) (<i>Echinochloa</i> spp.)	Deadnettle (Henbit) (<i>Lamium</i> spp.)
Lambsquarters (<i>Chenopodium album</i>)	

DIRECTIONS FOR USE

This product may only be applied by tractor-drawn spreader or by push type spreader. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Not for use on plants being grown for sale or other commercial use, commercial seed production or for research purposes. For use on plants intended for aesthetic purposes, golf courses, lawns and grounds.

GENERAL USE PRECAUTIONS AND RESTRICTIONS

ENTRY RESTRICTIONS

IMPORTANT: THIS PRODUCT WILL NOT WORK UNLESS IT IS WATERED IN FOR 10-15 MINUTES FOLLOWING APPLICATION. FOR SAFETY REASONS, WATER THIS PRODUCT IN AS SOON AS POSSIBLE FOLLOWING APPLICATION FOR 10-15 MINUTES AND DO NOT ALLOW CHILDREN OR PETS ON TREATED AREAS UNTIL DRY FOLLOWING THE WATERING.

APPLICATION RESTRICTIONS

WATERING-IN MUST BE PERFORMED BY THE COMMERCIAL APPLICATOR OR THE COMMERCIAL APPLICATOR MUST PROVIDE THE ABOVE WATERING-IN INSTRUCTIONS TO THE RESIDENT IN WRITING USING BOLD FACE TYPE AND/OR RED PRINT OR OTHER METHODS TO ENSURE THE WARNING IS PROMINENTLY DISPLAYED ON THE MATERIAL PROVIDED TO THE RESIDENT.

- Do not apply this product in a way that will contact workers or other persons
- For use only on golf courses (greens, tees and bentgrass fairways only) and on residential lawns.
- Do not use on parks, recreational areas, or other public sites.
- Applications on bentgrass fairways is limited to following states: OH, PA, NY, MI, CT, MA, IN, IL, NJ, WV, MN, WI, VT, NH, RI, DE, MD, VA). Applications on bentgrass fairways may only be made in the Fall and are limited to one application per year.
- Applications to greens and tees are limited to two per year.
- Read all directions before using this product
- BETASAN 7-G should be used only for EPA-registered sites and at specified use rates.
- Do not allow children or pets on treated lawn until this product has been watered into the soil, and the grass is completely dry.
- BETASAN 7-G is recommended for use on mineral soils only.
- Do not apply peat moss to lawns before treating with BETASAN 7-G.

GENERAL INFORMATION

Use Betasan 7-G on home lawns and golf courses for the control of crabgrass, annual bluegrass, and other annual weeds. Application of this product must precede the emergence of weeds from the soil. Crabgrass will emerge from the soil from 4-6 weeks before it is visible above the lawn sod. If weeds are visible above the soil, it is too late to apply BETASAN 7-G. Remove leaves, dead or tall grass, and other debris before applying this product to the turfgrass. Any weeds present around ornamentals must be removed before applying BETASAN 7-G.

APPLICATION SCHEDULES

The most effective program for control of crabgrass, goosegrass, annual bluegrass and other annual weeds is designed for local conditions. Two or more applications per year may be necessary, at specified application rates for a particular weed problem. For additional information regarding timing and rate of application, consult weed specialists of the State Agricultural Extension Service or the State Agricultural Experiment Station.

Grass Lawns: BETASAN 7-G should be applied to well established lawns only. This product can be used on the following established turfgrasses: Bahiagrass, Bentgrass spp., Bermudagrass spp., Perennial bluegrass, Centipedegrass, Fescue spp., Pensacola bahiagrass, Perennial ryegrass, Rough stalk bluegrass (*Poa trivialis*), St. Augustinegrass, Red top, and Zoysiagrass. Betasan has been used safely on many Bentgrass cultivars. Since all cultivars have not been evaluated the user is urged to test the product on new cultivars with caution and on a small scale basis.

Dichondra Lawns: BETASAN 7-G can be applied to dichondra lawns at the time of seeding or anytime thereafter.

For the control of crabgrass, apply this product at the recommended rate anytime from fall (September or October) through early spring for spring and summer control. With a late winter or early spring application, the application must be made prior to the crabgrass emergence.

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For the control of annual bluegrass and other annual weeds, apply BETASAN 7-G at the recommended rates before the weeds emerge from the soil.

When the germination of crabgrass, annual bluegrass, and other weeds extends into the late summer and early fall a second application of BETASAN 7-G at the recommended rate should be made 4-5 months after the initial application.

BETASAN 7-G should be applied with a lawn spreader or other granular equipment that provides uniform distribution or coverage. Uniform applications can be made by spreading one-half the required amount of product over the area to be treated. Then, apply the remainder of the product at right angles or perpendicular to the pattern of the first application.

APPLICATION RATES

Apply a maximum of 357 pounds BETASAN 7-G per acre per year in two or more applications depending upon the weed species and the degree of infestation. Or, the equivalent maximum rate is 8.2 pounds of BETASAN 7-G per 1000 sq. ft. per year.

If weed specialists are unavailable to provide specific local recommendations, follow these directions:

Crabgrass only: Apply uniformly 107-143 pounds of BETASAN 7-G per acre. Or, apply 2.4-3.2 pounds of BETASAN 7-G per 1000 sq. ft.

Annual Bluegrass, Goosegrass, and Other Annual Weeds: Apply uniformly 180 pounds of BETASAN 7-G per acre. Or, apply 4.1 pounds of BETASAN 7-G per 1000 sq. ft.

APPLICATION RATES PER ACRE FOR BETASAN 7-G

Application Schedule	POUNDS OF BETASAN 7-G	
	Crabgrass only	Annual bluegrass, barnyardgrass, fall panicum, foxtails, and other annual weeds
Single application	107 - 143	180
Sequential applications	107 - 143	107 - 143

APPLICATION RATES PER 1000 SQ. FT. FOR BETASAN 7-G

Application Schedule	POUNDS OF BETASAN 7-G	
	Crabgrass only	Annual bluegrass, barnyardgrass, fall panicum, foxtails, and other annual weeds.
Single application	2.4 - 3.2	4.1
Sequential applications	2.4 - 3.2	2.4 - 3.2

Sprinkle or irrigate the treated area with water for 10-15 minutes after application to wash the BETASAN 7-G into the soil.

When a weed control program involves 2-3 applications of BETASAN 7-G for crabgrass, goosegrass, and annual bluegrass, the application rate may be reduced to 107-143 pounds of product per acre with the higher rate for heavier infestations.

SPREADER SETTINGS FOR TWO TYPES OF EQUIPMENT

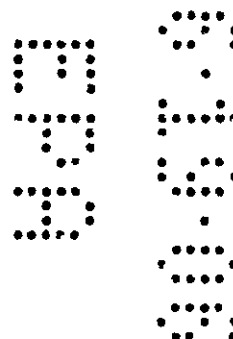
Spreader Type	Rate per Acre	Rate per 1000 sq. ft.	Settings with 1 Trip per application	Settings with 2 Trips per application	Pattern Width
Cyclone	107	2.4	3.3	3	6 1/2 ft.
	180	4.1	3.8	3.5	6 1/2 ft.
Scott's	107	2.4	2.8	2.2	20 inches
	180	4.1	3.9	3.1	20 inches

RESEEDING

Herbicides that provide effective control of annual grasses may affect new lawn grass seedlings which germinate after treatment. Proper fertilization and watering will encourage the existing turfgrass to fill in the thin or bare spots formerly occupied by crabgrass.

The following procedures are suggested to minimize any stunting of turfgrass which may occur when reseeding into areas treated with BETASAN 7-G:

1. Do not reseed within 4 months after application.
2. Renovate the area to be seeded by raking thoroughly to scarify the soil surface. Where practical, mix peat into the soil to provide an optimum seedbed.
3. When turf diseases or physiological disorders require reseeding sooner than 4 months after the application of this product, apply powdered activated charcoal prior to reseeding to deactivate the bensulide.
4. Apply the activated charcoal at 7 pounds per 1000 sq. ft. in 14 gallons of water. Or the equivalent rate is 300 pounds of activated charcoal per acre in 600 gallons of water.
5. Following application, irrigate the turf with sufficient water to wash the charcoal into the soil.
6. Reseed no sooner than 7 days after applying the charcoal.



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STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry place. Avoid contamination of food, feed, or domestic animal water supplies.

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: Completely empty into application equipment. Then dispose of empty bag 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.

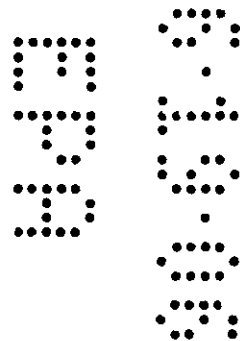
For other product information, contact Gowan Company or see Material Safety Data Sheet.

NOTICE ON CONDITIONS OF SALE

Our recommendations for use of this product are based upon tests believed to be reliable. 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. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

Betasan 7G

EPA Text Pending 3-13-02



June 15, 2006

Jim Tompkins, PM Team 25 703-305-5697
Herbicide Branch, Registration Division
Document Processing Desk (NOTIF)
U.S.E.P.A., Office of Pesticide Programs (7504P)
One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202

RE: Notification of minor changes per PR Notice 98-10
EPA Reg. No. 10163-204, Betasan 7-G

Dear Mr. Tompkins:

We are submitting notification to inform you of the following changes that have been made to the Betasan 7-G label. In accordance with PR Notice 98-10, we are submitting the following to support this notification:

- EPA Form 8570-1 Application for Pesticide
- One (1) copy of the proposed label
- One (1) copy of the EPA stamped label

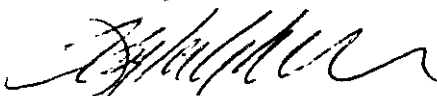
The minor changes are as follows:

Changed the word "Warning" under the "Precautionary Statements" heading to match the top advisory of "Caution"

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 (928) 819-1531.

Sincerely,



Kyla S. Smith,
Registration Specialist