

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0080, Approval expires 2-28-95

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

1. Company/Product Number 10163-205	2. EPA Product Manager Jim Tompkins	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Handy Spray Betasan Crabgrass Preventer	PM# #23	
5. Name and Address of Applicant (Include ZIP Code) Gowan Company P. O. Box 5569 Yuma, AZ 85366 <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. <u> NOTIFICATION </u> Product Name <u> JUN 22 2001 </u>	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated <u> 5-8-01 </u>
<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.)
To amend technical and inert ingredient statement as per correspondence dated 5-8-01.

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		<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" Unit Packaging wgt. No. per container	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"/>	
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 Terre R. Farrell	Title Registration Specialist	Telephone No. (Include Area Code) 520-819-1556
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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, both under applicable law.

6. Date Application Received
(Stamped)

2. Signature 	3. Title Registration Specialist	
4. Typed Name Terre R. Farrell	5. Date 5-18-01	

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NOTIFICATION
JUN 22 2001

Handy Spray BETASAN® Crabgrass Preventer

For Pre-emergence Crabgrass Control
SINGLE USE DISPOSABLE CONTAINER
FOR USE ON RESIDENTIAL LAWNS ONLY
Net contents 16 Fl. Oz.

ACTIVE INGREDIENT:

Bensulide: S-(0,0-diisopropyl phosphorodithioate) ester of
N-(2-mercaptoethyl) benzenesulfonamide

% By Wt.

46.4%

INERT INGREDIENTS:.....

53.6%

TOTAL

100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Causes moderate eye irritation. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling and before eating or smoking. Wash all contaminated clothing with soap and hot water before re-use. Avoid contamination of food, feed and water supplies.

PRECAUTIONARY STATEMENT

FIRST AID	
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.
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.
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.
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 1-800-228-5635 EXT. 283 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.	

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 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.

Do not apply directly to water, or to area where water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

This product may impair reproduction in birds if used during the breeding season.

PHYSICAL HAZARDS

Combustible. Do not use product or store container near heat or open flame.

EPA Reg. No. 10163-205
EPA Est. No. 34704-MS-1



Gowan Company
P. O. Box 5569
Yuma, Arizona 35366-5563

WEEDS CONTROLLED

Annual Bluegrass
Barnyardgrass
(Watergrass)
Deadnettle (Henbit)

Fall Panicum
Foxtails
Goosegrass
Hairy Crabgrass

Lambsquarters
Redroot Pigweed
Shepherdspurse
Smooth Crabgrass

TIMING OF APPLICATION

The most effective program for control of crabgrass, goosegrass, annual bluegrass and other annual weeds is one specifically designed for local conditions. Two or more applications per year may be necessary, using the recommended rates given below 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 LAWS: HANDY SPRAY BETASAN CRABGRASS PREVENTER should be applied only to well established grass lawns. It can be used on the following established turf grasses:

Bahiagrass
Bentgrass spp.
Perennial Buegrass spp.
Bermudagrass spp.
Centipedegrass

Centipedegrass
Pensacola Bahiagrass
Perennial Ryegrass
Rough Stalk Bluegrass
Red Top

St. Augustinegrass
Zoysiagrass

DIRECTIONS FOR USE

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

HOW TO USE:

- Shake well before using.
- Attach spray nozzle to garden hose. Turn nozzle clockwise to firmly attach it to hose.
- Remove child resistant cap from bottle (directions on cap) and screw bottle into spray nozzle.
- Turn the on/off switch on top of the spray nozzle counter clockwise to the "OFF" position. Then turn on water at the faucet.
- To begin spraying, turn the sprayer nozzle switch clockwise to the "ON" position. The water automatically mixes with the product. Walk at a steady pace spraying in a side to side arc, slightly overlapping treated areas and covering 2500 sq. ft. from this package. Refer to graduated scale on side of container to guide coverage.
- To stop spraying, turn the sprayer nozzle switch counter clockwise to the "OFF" position and turn off water at the faucet.

GENERAL INFORMATION

Handy Spray Betasan Crabgrass Preventer can be applied to dichondra lawns at the time of seeding or any time thereafter. On grass lawns do not reseed within 4 months after application.

Where germination of crabgrass extends into the late summer and early fall, a second application should be made 4 to 5 months after the initial application.

Application of this product must precede emergence of seeds from the soil. If weeds are visible above the soil, it is too late to apply Handy Spray Betasan Crabgrass Preventer.

Remove leaves, dead tall grass, and other debris before application.

GENERAL USE PRECAUTIONS AND RESTRICTIONS

Read all directions and shake well before using.

Do not allow children or pets on treated lawns until grass is completely dry.

Do not apply peat moss to lawn before treating with Handy Spray Betasan Crabgrass Preventer.

For use on residential lawns only.

It is a violation of federal law to use this product in a manner inconsistent with its labeling

IMPORTANT: THIS PRODUCT WILL NOT WORK UNLESS IT IS WATERED IN FOR 10-15 MINUTES. 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.

Do not apply this product in a way that will contact people or pets.

Handy Spray Betasan Crabgrass Preventer should be used only for recommended uses and at recommended rates. Do not allow children or pets on treated lawns until Handy Spray Betasan Crabgrass Preventer has been watered into the soil and the grass is completely dry. Handy Spray Betasan Crabgrass Preventer is recommended for use on mineral soils only. Do not apply peat moss to lawn before treating with Betasan.

STORAGE AND DISPOSAL

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

STORAGE: Store only in original container in a cool dry place that can be locked and is out of reach of children. Protect from temperatures below 42° F. At temperatures below 42° F, product may crystallize. Dissolve crystals with quiet storage at warm temperatures (60° F). Shake well before using.

CONTAINER DISPOSAL: Securely wrap original container, including any unused product, in several layers of newspaper and discard in trash.

SPILL OR LEAK: Small spills can be handled routinely. Use adequate ventilation and suitable protective clothing and eye protection to prevent skin and eye contact. Sweep or shovel up spilled material and wrap in several layers of newspaper and discard in trash. Wash spill area with household detergent and flush with water to remove any residue.

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.

Handy Spray Betasan Crabgrass Preventer
EPA Text pending 5-17-01
Changes per letter dated 5-8-01

May 18, 2001

Mr. Jim Tompkins
Office of Pesticide Programs
U. S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

RE: Betasan 4-E Herbicide, EPA Reg. No. 10163-196
Handy Spray Betasan Crabgrass Preventer, EPA Reg. No. 10163-205

Dear Mr. Tompkins:

This submission is in response to a letter from your Special Review and Reregistration Division dated May 8, 2001. The reviewer noted a discrepancy in the percent active ingredient between the Confidential Statement of Formula and the labels. It has been determined that the CSFs submitted to SRRD on January 23, 2001 are in fact correct, but the labels submitted to you on October 12, 2000 were in error.

Please find the following enclosed with this submission:

- EPA Form 8570-1
- 4 Copies of our final printed label with the required changes
- Copy of correspondence from Bob Hawk of Gowan Company to Ms. Venus Eagle-Kunst in your SRRD Division

If there are any questions or problems with this submission, please contact me at (520) 819-1556 or by e-mail at tfarrell@gowanco.com. Thank you for your cooperation.

Sincerely,



Terre R. Farrell
Registration Specialist

Enclosure

May 18, 2001

Venus Eagle-Kunst
Special Review and Reregistration Division (H7508W)
Office of Pesticide Programs
U. S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Avenue, N.W.
Washington, DC 20460

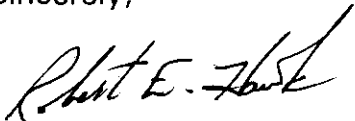
Dear Ms. Eagle-Kunst:

Subject: Bensulide: Chemical No. 9801, Case No. 2035: Interim RED
Betasan 4-E Herbicide (10163-196)
Handy Spray Betasan Crabgrass Preventer (10163-205)
Label Revisions

This submission is in response to the letter of May 8, 2001 from Linda Probst. The Agency has reviewed the product chemistry data for these products. (The composition of the two products is identical.) The reviewer noted a discrepancy in the percent active ingredient between the Confidential Statements of Formula and the labels. We have determined that the CSFs which we submitted to SRRD on January 23, 2001 are in fact correct, but the labels which we submitted to the Registration Division on October 12, 2000 were in error.

Please find enclosed a copy of our recent submission of the corrected labels to the Registration Division, as well as two corrected labels of each product for your records. We apologize for the inconvenience.

Sincerely,



Robert E. Hawk
Regulatory Affairs Manager

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fax 520-329-7776
rhawk@gowanco.com