



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

EPA Reg. Number:
10163-205

Date of Issuance:
AUG 8 2005

NOTICE OF PESTICIDE:
 Registration
 x Reregistration

Term of Issuance:

UnConditional

Name of Pesticide Product:

Handy Spray Betasan
Crabgrass Preventor

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Ms. Aimee Weber
Registration Specialist
Gowan Company
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.

This product is reregistered in accordance with FIFRA sec. 4(g)(C) provided that you:

Submit/cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.

1. Under the heading "Note to Physician", replace the word "insecticide" with organophosphate herbicide or pesticide.
2. Under the heading "Environmental Hazards" revise "Do not contaminate water...." with "Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate."
3. The "Limited Warranty and Disclaimer" statement contains an over broad statement concerning immunity from liability ("In no event, shall manufacturer or seller be liable for special, indirect or consequential damages resulting from the use or

Signature of Approving Official:

Date:

8-8-05

2/s

handling of this product") and limitation of liability ("Buyer's exclusive remedy and manufacturer's or seller's exclusive liability ...shall be limited, ...to replacement of, or the repayment of the purchase price..."), as well as purported buyer agreement to accept the limited warranty ("ACME offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty ..."). Such statements may be misleading and may constitute misbranding under FIFRA. These statements must be preceded by a qualifying phrase such as "To the extent allowable by State law,..."

WITH COMMENTS
In EPA Letter Dated:

AUG 18 2005

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No. 10163-205

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.

3/5

ACTIVE INGREDIENT:		% By Wt.
Bensulide: S-(0,0-diisopropyl phosphorodithioate) ester of N-(2-mercaptoethyl) benzenesulfonamide		46.4%
OTHER INGREDIENTS:		53.6%
This product contains petroleum distillates		
	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. • 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.
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. This product may pose an aspiration pneumonia hazard. This product contains petroleum distillates.	

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.

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

PHYSICAL OR CHEMICAL 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 85366-5569

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 LAWN: 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.
Centipedeagrass

Centipedeagrass
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 specified uses and at specified 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.

S/S

STORAGE AND DISPOSAL

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

PESTICIDE 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 OF CONDITIONS OF SALE AND WARRANTY AND LIABILITY LIMITATIONS

Important: Read the entire Directions for Use and Notice of Conditions of Sale and Warranty and Liability Limitations before using this product. If terms are not acceptable return the unopened container for a full refund.

Our recommendations for use of this product are based on tests believed to be reliable. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, inadequate performance, or other unintended consequences may result due to soil or weather conditions, off target movement, presence of other materials, method of use or application, and other factors, all of which are beyond the control of Gowan Company. All such risks shall be assumed by the Buyer and User.

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

Handy Spray Betasan Crabgrass Preventer
EPA Text Pending 5-9-05
Changes per letter dated 4-20-05