

PM 25 8660-126
PS 137

JUL 2 1992

Mr. Daniel Paradiso, Jr.
The Andersons
d/b/a Parker Fertilizer Co.
201 W. Fourth St.
Sylacauga, AL 35150

Dear Mr. Paradiso:

Subject: BETASAN 7-G
EPA Reg. No. 8660-126
Your letter dated May 22, 1992

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

1. Please provide an new Confidential Statement of Formula for your product. Your CSF is on an old and unacceptable form (does not show upper and lower certified limits).

2. Under the Environmental Hazards section of the label, please revise your "disposal of wastes statement" under the Environmental Hazards heading to read, "Do not contaminate water when disposing of equipment washwaters".

Sincerely yours,

Robert J. Taylor
Product Manager 25
Fungicide-Herbicide Branch
Registration Division (H7505C)

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Enclosure

RD:RTaylor:eja:7/1/92:3056800:29

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8660-126
1 of 6

(FRONT PANEL)

A Selective Herbicide for Pre-Emergence Control of
Crabgrass and Annual Bluegrass in Turf, Ornamentals and Ground Covers

VERTAGREEN®

BETASAN® 3.6G

ACTIVE INGREDIENT:

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

3.60%

INERT INGREDIENT: 96.40%
TOTAL 100.00%

Contains 3.6 pounds of active ingredient per 100 pounds.

*Betasan® is a Registered Trademark of ICI Americas, Inc.

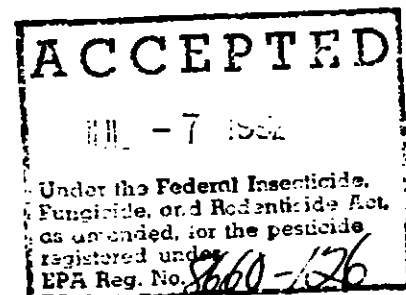
KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS

NET WEIGHT 20 LBS.

TREATS UP TO 4,100 SQ. FT.



EPA Reg. No. 8660-126

EPA Est. No. 9198-OH-1

(BACK PANEL)

NET WEIGHT 20 LBS.

TREATS UP TO 4,100 SQ. FT.

VERTAGREEN®

BETASAN® 3.6G

KEEP OUT OF REACH OF CHILDREN

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid breathing dust. 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 reuse.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a Physician or Poison Control Center. Immediately give large amounts of water and induce vomiting by gagging the victim with a blunt object placed on the victim's tongue. Give fluids until vomitus is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen, preferably with a physician's advice.

IF ON SKIN: Flush with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation occurs. Wash clothing before reuse.

IF IN EYES: Hold eyelids apart and flush eyes with large amounts of water for at least 15 minutes. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated.

DIRECTIONS FOR USE

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

Betasan® 3.6G is a selective herbicide for preemergence control of Crabgrass and Annual Bluegrass in turf, ornamentals and ground covers.

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RATES OF APPLICATION

CRABGRASS ONLY: Apply 20 lbs. of Betasan® 3.6G uniformly over 4,200 square feet.

ANNUAL BLUEGRASS AND OTHER ANNUAL WEEDS: Apply 20 lbs. of Betasan® 3.6G uniformly over 5,000 square feet.

WEEDS CONTROLLED: Smooth Crabgrass, Hairy Crabgrass, Redroot, Pigweed, Barnyard-grass, Lambsquarter, Goosegrass, Annual Bluegrass, Shepherdspurse, Deadnettle.

GENERAL USE PRECAUTIONS

Betasan should be used only for recommended uses and at recommended rates. Sweep up spills on walks or patios and hose area. Do not allow children or pets on treated lawns until Betasan® has been watered into the soil and grass is completely dry.

PRODUCT INFORMATION

Betasan is recommended for use on home lawns, parks and golf courses, on ornamental plants and on ground covers for control of Crabgrass, Annual Bluegrass and other annual weeds listed.

DIRECTIONS FOR APPLICATION

Application of Betasan must precede emergence of weeds from the soil. Crabgrass will emerge from the soil from 4 to 6 weeks before it is visible above lawn sod. If weeds are visible above the soil, it is too late to apply Vertagreen Betasan® 3.6G. Remove leaves, dead or tall grass, and other debris before applying Betasan to turf areas. Any weeds present around ornamentals must be removed or worked into the soil before applying Betasan.

Betasan is recommended for use on mineral soils only. Do not apply peat moss to lawn, ground covers or established ornamentals before treating with Betasan.

TIMING OF APPLICATION

GRASS LAWNS: Betasan should be applied only to well established grass lawns. Betasan can be used on the following established turfgrasses: Bahia, Bentgrass spp., Bermudagrass spp., Perennial Bluegrass spp., Centipede, Fescue spp., Pensacola Bahia, Perennial Ryegrass, Poa Trivialis, St. Augustine, Red Top, Zoysia.

DICHONDRA LAWNS: Betasan can be applied to Dichondra lawns at the time of seeding or anytime thereafter.

ORNAMENTALS AND GROUND COVERS: Betasan should be applied only to the following well established ornamentals and ground covers: Abelia, Ajuga, Alyssum, Aster, Azalea, Azara, Bachelor's Button, Boxwood, Calendula, Campanula, Candy-Tuft, Coral Bell, Dahlia, Daisy, Freesia, Gazania, Hypericum, Ice Plant, Ivy, Juniper, Marigold, Monterey Cypress, Monterey Pine, Myrtle, Narcissus, Pachysandra, Pansy, Periwinkle, Primrose, Pyracantha, Ranunculus, Sandankwa, Sedum, Star Jasmine, Stock, Sweet Pea, Tobira, Tulip, Wall flower, Wild Strawberry, Zinnia.

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For control of Crabgrass, apply Betasan at the recommended rate (see RATES OF APPLICATION) anytime from fall (September or October) through early spring for spring and summer control. With a late winter or an early spring application, the application must be made prior to Crabgrass emergence (see DIRECTIONS FOR APPLICATION).

In southern and western states where germination of Crabgrass, Annual Bluegrass and other weeds extends into the late summer and early fall, a second application of Betasan at the recommended rate should be made 4 to 5 months after the initial application.

Betasan should be applied with a lawn spreader or any other applicator that will give uniform coverage. A more uniform application can be made by spreading half of the required amount of Betasan over the area to be treated, then applying the remainder at right angles or crosswise. Avoid misses by over-lapping slightly. Sprinkle the area with water for 10 to 15 minutes after application to wash Betasan down into the soil where the weed seeds are located.

Consult weed specialists of the State Agricultural Extension Service or the State Agricultural Experiment Stations for additional information, as the timing and rate of application will vary with local conditions.

RESEEDING

Any material that provides 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 in order to minimize any stunting of turfgrasses which may occur when reseeding into BETASAN-treated areas:

1. Do not reseed with 4 months after application. Renovate the area to be reseeded by raking thoroughly to scarify the soil surface. Where practical, mix peat in with the soil to provide an optimum seed bed.
2. When turf diseases or physiological disorders necessitate reseeding sooner than 4 months after Betasan application, apply powdered activated charcoal prior to reseeding to deactivate the Betasan.

Apply the activated charcoal at a rate of 7 pounds per 1,000 square feet in 14 gallons of water (300 lbs. per acre in 600 gallons of water per acre).

Following application, irrigate the turf with sufficient water to wash the charcoal into the soil. Reseed no sooner than 7 days after applying the charcoal.

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SUGGESTED SPREADER SETTINGS

<u>Spreader Model</u>	<u>Rates of Formulation Per 1,000 Sq. Ft.</u>	<u>Spreader Settings</u>	
		<u>Once Over</u>	<u>Twice Over</u>
Cyclone	4.8 lb.	3.7	3.0
	6.4 lb.	3.9	3.2
	8.0 lb.	4.3	3.5
Scott	4.8 lb.	C+8/10	A+8/10
	6.4 lb.	E+1/10	B+6/10
	8.0 lb.	H+3/10	C+3/10

NOTE: A Scott spreader setting of "E+1/10" means to set the spreader at "E" and move the dial mark 1/10 of the way toward "F" before tightening. These settings are only approximate. Age and condition of spreader can cause wide variation. Be sure to calibrate your spreader with each application. DO NOT HAND SPREAD.

STORAGE AND DISPOSAL**FOR HOMEOWNER USE ONLY:**

Do not contaminate water, food or feed by storage and disposal. Keep container closed and away from food, feedstuffs and domestic water supplies. **PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash. **CONTAINER DISPOSAL:** Do not reuse bag. Discard bag in trash.

FOR PROFESSIONAL/COMMERCIAL USE ONLY:

Do not contaminate water, food or feed by storage and disposal. Keep container closed and away from food, feedstuffs and domestic water supplies. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate, is a violation of Federal Law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for Guidance. **CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State or local authorities, by burning. If burned, stay out of smoke.

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WARRANTY STATEMENT

MANUFACTURER warrants that this product (1) conforms to the ingredient statement on the label and (2) is reasonably fit for the purposes set forth in the Directions for Use. EXCEPT AS SO WARRANTED, THE PRODUCT IS SOLD AS IS. MANUFACTURER MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED.

The manufacturer's directions regarding use of this product are based upon tests believed to be reliable. All statements made concerning this product apply only when used as directed, under normal use conditions. FOLLOW DIRECTIONS CAREFULLY. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the manufacturer. Buyer assumes all risks of use, storage or handling of this product.

Manufactured by:

PARKER FERTILIZER CO.
201 4TH STREET
SYLACAUGA, AL 35150

Date Printed: 05/08/92
Date Approved:
Supersedes:
Label Change: