

32802-15

12/5/85

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. 32802-15.	DATE OF ISSUANCE 12/5/85
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Betasan 3.6G	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Howard Johnson's Enterprises, Inc.
 Railroad Avenue
 P.O. Box 828
 Viroqua, WI 54665

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 32802-15."
 3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Robert J. Taylor
 Product Manager (35)
 Fungicide - Herbicide Branch
 Registration Division (TS-767C)

Enclosure

ATTACHMENT IS APPLICABLE.

SIGNATURE OF APPROVING OFFICIAL: *Robert J. Taylor* DATE: 12/5/85

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Betasan 3.6-G

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

Contains 3.6 pounds of active ingredient per 100 pounds.

ACCEPTED

DEC - 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 32802-15

ACTIVE INGREDIENTS:

Bensulide: S-(O,O-Diisopropyl phosphorodithioate)
 ester of N-(2-mercaptoethyl) benzenesulfonamide..... 3.6%

INERT INGREDIENTS:.....96.4%

Total.....100.0%

EPA REG. NO. 32802 -

EPA Est. No. 32802-WI-1

24 Pounds Treats 5,000 Sq. Ft.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back Panel For Additional Precautionary Statements

*Betasan - Reg. T. M. Stauffer Chemical Company U.S. Patent #3,205,253

STATEMENTS OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center immediately. Immediately give large amounts of water and induce vomiting by gagging the victim with a blunt object placed on the back of the victims tongue. Give fluids until vomitus is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing 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.

NET WEIGHT 24 POUNDS

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

CAUTION: Harmful if swallowed. Avoid breathing dust. Causes moderate eye irritation. Do not get into 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 use.

ENVIRONMENTAL HAZARDS

Do not contaminate water by cleaning of equipment or disposal of wastes. This product is toxic to fish. Do not apply directly to any body of water. Do not apply when weather condition 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.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **STORAGE:** Store product in original container in a cool, dry, locked place out of reach of children. **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 bag 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. **HOUSEHOLD:** Do not re-use empty bag. Wrap and put in trash.

RATES OF APPLICATION

CRABGRASS ONLY: Apply 24 pounds of BETASAN-3.6 granular uniformly over 5,000 square feet.

ANNUAL BLUEGRASS AND OTHER ANNUAL WEEDS: Apply 20 pounds of BETASAN-3.6 granular uniformly on 2,500 square feet.

WEED CONTROLLED — Smooth Crabgrass, Hairy Crabgrass, Redroot Pigweed, Barnyardgrass, Lambsquarters, 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 the 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 four to six weeks before it is visible above lawn sod. If weeds are visible above the soil, it is too late to apply BETASAN.

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 — GENERAL COMMENTS

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

DICHONDRA LAWNS: BETASAN can be applied to dichondra lawns at the time of seeding or any time thereafter.

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

For control of crabgrass, apply BETASAN at recommended rate (see RATES OF APPLICATION) anytime from fall — September or October — through early 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).

For control of annual bluegrass and other annual weeds, apply BETASAN at the recommended rates (see RATES OF APPLICATION) before the weeds emerge from the soil.

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 rates should be made four to five 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 the required amount of BETASAN over the area to be treated, then applying the remainder at right angles or crosswise. Avoid misses by overlapping slightly. Sprinkle the area with water for 10 to 15 minutes after application to wash the BETASAN down into the soil where the weed seeds are located.

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

SPREADER SETTINGS

	Pounds	2,500 Sq. Ft.	Pounds	2,500 Sq. Ft.
Scott	12	#6	20	#7½
Cyclone	12	#4½	20	#5½

Walking speed and the spreader conditions may require adjustments in these approximate spreader settings.

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 turf grass to fill in the thin or bare spots formerly occupied by crabgrass.

The following procedures are suggested in order to minimize any stunting of turf grasses which may occur when reseeding into BETASAN-treated areas:

1. Do not reseed within 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 lbs. per 1,000 square feet in 14 gallons of water per 1,000 square feet (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.

Notice - Buyer assumes all risk and liability of use, storage and/or handling of this material not in accordance with the terms of this label.

