

PM 20 911-72

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

APR 13 1994

Daniel Paradiso, Jr.
THE ANDERSONS LAWN FERTILIZER DIVISION
dba/FREE FLOW FERTILIZER
P. O. Box 119
Maumee, OH 43537

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submissions of 11/22/93 in Response to PR Notice 93-7
EPA Reg. No.: SEE ATTACHED 9198-72

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, successfully **REMOVES THE PRODUCT FROM THE SCOPE** of PR Notice 93-7 once the comments (if any) on the attached sheet are addressed. Other than the alterations (if any) listed on the attached sheet, no further alterations to the labeling are necessary to reflect the requirements of the Worker Protection Standard.

Since your amendment proposes to delete uses directly and/or to delete uses implicitly through the use of exclusionary statements), the Agency will publish in the Federal Register a notice of receipt of your amendment to delete uses, as required by section 6(f)(1) of FIFRA. The Agency will defer action for 90 days from the date of the Federal Register notice to give affected minor users an opportunity to try to persuade you to retain the uses(s). When the comment period has expired, the Agency will approve the amendment unless you have withdrawn it, and stamp the amended labeling "accepted." Your stamped-accepted labeling will then be sent to you.

As described in Supplement A of PR Notice 93-11 (self-verification option), you may sell and distribute product bearing the submitted labeling before you receive a copy of your stamped-accepted labeling. Note that your registration is not amended until the comment period required by section 6(f)(1) of FIFRA has expired and the Agency has approved the amendment. Therefore, you may withdraw your proposed amendment at any time during the comment period and until you receive your stamped-accepted labeling.

Sincerely,

James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Enclosures

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contains at least 50% recycled fiber

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THE ANDERSONS LAWN FERTILIZER DIVISION
9198 11/22/93

Original Submissions

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INSECTICIDE - 9198-26
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THE ANDERSONS LAWN FERTILIZER DIVISION
9198 11/22/93
Original Submissions

Exclusionary Statement should be corrected to read: "Not for use on turf being grown for sale....."

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

9198-72
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9198-72

(FRONT PANEL)

NET WT. 50 LBS. (22.7 kg)

TREATS UP TO 10,400 SQ. FT.

CUSTOM MIX

20-4-10

with Betasan

Granular Selective Herbicide for Pre-Emergence Control of Crabgrass in Turf,
Ornamentals, and Ground Covers.

ACTIVE INGREDIENT:

Bensulide: S-(0,0-Diisopropyl phosphorodithioate) ester of
N-(-mercaptoethyl) benzenesul fonamide..... 3.6%

INERT INGREDIENT: 96.4%

TOTAL 100.00%

Contains 3.6 Pounds of Active Ingredient per 100 Pounds.

GUARANTEED ANALYSIS

Total Nitrogen (N)20%

1.5% Ammoniacal Nitrogen

12.5% Urea Nitrogen

6.0% Coated Slow Release Urea Nitrogen

Available Phosphoric Acid (P2O5) 4%

Soluble Potash (K2O) 10%

Sulfur (S)4.5%

Primary Plant Foods Derived from: Ammoniated Phosphates, Urea, Muriate of
Potash and Sulfur Coated Urea. Sulfur derived from Sulfur Coated Urea.

Potential Acidity 810 pounds Calcium Carbonate Equivalent per ton.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

Call a Physician immediately! If a known exposure occurs or if poisoning is suspected, do not wait for symptoms to develop. Immediately initiate the recommended procedures described below and simultaneously contact a physician, the nearest hospital or a Poison Control Center.

Inform the person contacted of the type and extent of exposure, describe the victim's symptoms and follow the advice given.

NOTE: Be sure to advise the person contacted that the active ingredient in this compound is a cholinesterase inhibitor and follow the advice given.

NOTE TO PHYSICIAN: Exposure to the active ingredient may cause cholinesterase inhibition. Atropine by injection is antidotal. 2-PAM is also antidotal when administered early and in conjunction with atropine.

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 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 re-use.

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

PRECAUTIONARY STATEMENTS

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 re-use.
- . Avoid contamination of food, feed, or water supplies.

ENVIRONMENTAL HAZARDS

- . This product is toxic to fish. Keep out of lakes, streams, and ponds.
- . Do not apply where runoff is likely to occur. Do not contaminate water by disposing of equipment washings.
- . Do not apply when weather conditions favor drift from areas treated.
- . Apply this product only as specified on this label.

EPA Reg. No. 9198-72

EPA Est. 9198-OH-1

(BACK PANEL)

CUSTOM MIX

20-4-10

with Betasan

NET WT. 50 LBS. (22.7 kg)

TREATS UP TO 10,400 SQ. FT.

PRODUCT INFORMATION

Custom Mix 20-4-10 with Betasan is recommended for use on home lawns, parks and golf courses, on ornamental plants and on ground covers for control of crabgrass.

Application of this product 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 Custom Mix 20-4-10 with Betasan.

Remove leaves, dead or tall grass, and other debris before applying to turf area. Any weeds present around ornamentals must be removed or worked into the soil before applying.

GENERAL USE PRECAUTION

- . READ ALL DIRECTIONS BEFORE USING.
- . This product 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 material has been watered into the soil and grass is completely dry.
- . This material is recommended for use on mineral soils only.
- . Do not apply peat moss to lawn, ground covers or established ornamentals before treating with this product.

DIRECTIONS FOR USE

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 as sod, or for commercial seed production, or for research purposes.

TIMING OF APPLICATION

GRASS LAWNS: Custom Mix 20-4-10 w/Betasan should be applied only to well established grass lawns. This product can be used on the following established turf grasses:

Bahia	Centipede	Poa trivialis
Bentgrass spp.	Fescue spp.	Saint Augustine
Bermudagrass spp.	Pensacola Bahia	Red Top
Perennial Bluegrass spp.	Perennial Ryegrass	Zoysia

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

ORNAMENTALS AND GROUND COVERS: Custom Mix 20-4-10 w/Betasan should be applied only to the following well established ornamentals and ground covers:

Alyssum	Coral Bell	Pachysandra
Aster	Daisy	Stock
Bachelor's-Button	Marigold	Sweet Pea
Calendula	Pansy	Wall Flower
Candy-Tuft	Primrose	Ranunculus
Dahlia	Narcissus	Tulip
Freesia	Juniper	Pyracantha
Abelia	Monterey Cyprus	Sandankwa
Azalea	Monterey Pine	Star Jasmine
Azara	Myrtle	Tobira
Boxwood	Hypericum	Periwinkle
Ajuga	Ice Plant	Sedum
Campanula	Ivy	Wild Strawberry
Ganzania		

For control of crabgrass, apply at the recommended rate (see RATES OF APPLICATION) any time 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 PRODUCT INFORMATION).

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

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

This product 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 20-4-10 with Betasan over the area to be treated, then applying the remainder at right angles or crosswise. Avoid misses by over-lapping slightly.

RATES OF APPLICATION

CRABGRASS ONLY: Apply 12 to 16 pounds of Custom Mix 20-4-10 with Betasan uniformly on 2,500 square feet. This will give .96 to 1.6 pounds of nitrogen per 1,000 square feet.

Sprinkle the area with water for 10 to 15 minutes after application to wash the material down into the soil where the crabgrass seeds are located.

SUGGESTED SPREADER SETTING

(AVAILABLE AT LABEL PRINTING)

Important: These setting are only approximate. Age and condition of spreader can cause wide variation. Be sure to calibrate your spreader with each application.

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 with 4 months after application.
2. 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.
3. When turf diseases or physiological disorders necessitate reseeding sooner than 4 months after application, apply powdered activated charcoal prior to reseeding to deactivate the Professional Custom Mix 20-4-10 with Betasan.

Apply the activated charcoal at a rate of 7 pounds in 14 gallons of water per 1,000 square feet (333 pounds in 6000 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.

STORAGE AND DISPOSAL

Store in a dry place. Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. 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.

WARRANTY

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. 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.

R

BETASAN Product of ICI, Americas, U.S. Patent No. 3,205,253

Manufactured by:
The Andersons
Lawn Fertilizer Division
P.O. Box 119
Maumee, Ohio 43537

Date Printed: 11/25/93
Date Approved:
Supersedes:
Label Change: