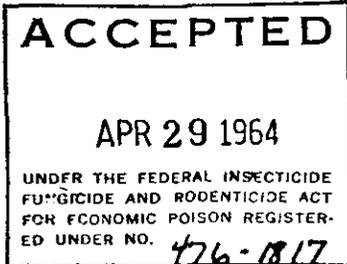


476-1817

04/29/1964

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(STAUFFER SHIELD)

(TM)

BETASAN 4 - E

A Selective Herbicide for Pre-emergence Control of Crabgrass and Annual Bluegrass in Turf

Contains 4 lbs. BETASAN per Gallon

ACTIVE INGREDIENT:

N-(2-mercaptoethyl) benzenesulfonamide	
S-(0,0-diisopropyl phosphorodithioate).....	45.2%
INERT INGREDIENTS.....	54.8%
	100.0%

Patent Pending

(TM)

Betasan is Stauffer Chemical Company's trademark for N-(2-mercaptoethyl) benzenesulfonamide, S-(0,0-diisopropyl phosphorodithioate), an herbicide.

C A U T I O N

- Harmful if swallowed.
- Avoid prolonged or repeated contact with the skin.
- Avoid contact with the eyes.
- Avoid contamination of food and feedstuffs, drinking water, fish ponds, etc.
- Keep out of reach of children.
- Do not use or store near heat or open flame.

Net Contents _____ Gallons

READ ALL DIRECTIONS BEFORE USING

Made in U.S.A. by
Stauffer Chemical Company
(Addresses)

Weeds Controlled

Smooth Crabgrass	(<u>Digitaria ischaemum</u>)
Hairy Crabgrass	(<u>Digitaria sanguinalis</u>)
Annual Bluegrass	(<u>Poa annua</u>)
Redroot Pigweed	(<u>Amaranthus retroflexus</u>)
Watergrass	(<u>Echinochloa spp.</u>)
Lambsquarters	(<u>Chenopodium album</u>)
Shepards purse	(<u>Capsella bursa-pastoris</u>)
Goosegrass	(<u>Eleusine indica</u>)
Deadnettle	(<u>Lamium amplexicaule</u>)

General Use Precautions

Betasan should be used only for recommended uses and at recommended rates.

Do not get spray on desirable plants.

Apply when there is little or no wind to avoid drift.

Clear up spills on walks or patios by covering with dry soil or absorptive material. Bury sweepings 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 in home lawns, parks and golf courses for control of crabgrass and other annual weeds in grass, clover, and dichondra lawns.

Betasan 4-E may cause a temporary yellowing when applied to fine leaved Bermuda grasses.

Although many ground covers and ornamentals are tolerant to Betasan at recommended rates, sprays should not be allowed to contact adjacent desirable plants.

DIRECTIONS FOR APPLICATION

APPLICATION OF BETASAN MUST PRECEDE EMERGENCE OF CRABGRASS AND OTHER ANNUAL WEEDS FROM THE SOIL. Crabgrass will emerge from

the soil from four to six weeks before it is visible above the 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.

Do not apply peat moss to lawn before treating with Betasan.

GRASS LAWNS

Timing of Application - General Comments

Betasan should be applied only to well established grass lawns.

For control of crabgrass, apply Betasan to grass lawns in the late winter or early spring, depending on the location and seasonal conditions.

For control of other annual weeds, application must be made before their emergence from the soil. Consult local agricultural or garden authorities for specific information, as the timing of application will vary with local conditions.

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.

Reseeding - 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 5 months after application.
2. Renovate the area to be reseeded with a rototiller or vertical mower and mix peat moss (50-50 by volume) into the top two inches of soil.

OR

Remove the top two inches of soil and replace with two inches of clean, untreated soil.

RATES OF APPLICATION

STATES OTHER THAN CALIFORNIA AND ARIZONA

Apply 28 fluid oz. (3½ cups or contents of this bottle) Betasan 4-E in 15 to 30 gallons of water uniformly on an area of 2,500 square feet (50 ft. x 50 ft.). Use spray equipment that will provide uniform application such as a knapsack sprayer, hose proportioner, or pressure sprayer. Sprinkle with water for 10-15 minutes after application to wash Betasan off the grass and down into the soil where the weed seeds are located.

CALIFORNIA AND ARIZONA

Apply 28 fluid oz. (3½ cups or contents of this bottle) Betasan 4-E in 15 to 30 gallons of water uniformly on an area of 2,000 square feet (50 ft. x 40 ft.). Use spray equipment that will provide uniform application such as a knapsack sprayer, hose proportioner, or pressure sprayer. Sprinkle with water for 10-15 minutes after application to wash Betasan off the grass and down into the soil where the weed seeds are located.

DICHONDRA LAWNS

Timing of Application

Betasan can be applied to dichondra lawns at time of seeding, after the dichondra seedlings emerge, or on established dichondra lawns.

For control of crabgrass and other annual weeds, application of Betasan should be made before the emergence of these weeds from the soil. Consult local agricultural or garden authorities for specific information, as the timing of application will vary with local conditions.

Rate of Application

Apply 28 fluid oz. (3½ cups or contents of this bottle) Betasan 4-E in 15 to 30 gallons of water uniformly on an area of 2,000 square feet (50 ft. x 40 ft.). Use spray equipment that will provide uniform application such as knapsack sprayer, hose proportioner, or pressure sprayer. Sprinkle with water for 10-15 minutes after application to wash Betasan off the dichondra and down into the soil where the crabgrass seed is located.

(Stauffer Disclaimer)