

Pre Far

Betasan 4-E

SELECTIVE HERBICIDE EMULSIFIABLE LIQUID PRE-EMERGENCE CONTROL OF CRABGRASS & ANNUAL BLUEGRASS IN TURF • ORNAMENTALS • GROUND COVERS

ACTIVE INGREDIENT:
 (1,1,1-trichloro-2,2,2-trifluoroethoxy)phosphoric acid
 46.0%
INERT INGREDIENTS
 54.0%
 100.0%

Contains 4 Pounds BETASAN per Gallon
 (1.13 Lb./GAL) (4.54 kg./100 L)
PROTECT FROM TEMPERATURES BELOW 60° F
 Product contains an oil soluble dye which will stain light-colored surfaces. Wash or scrub off immediately with soap and water before use.

CAUTION KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid contact with the skin and eyes. In case of contact flush with plenty of water. For eye contact hold eye open. Avoid contamination of food, feed, drinking water and fish ponds.

Combustible: Do not use near heat or open flame

1 GAL NET

PRODUCT INFORMATION

BETASAN 4-E 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.

WEEDS CONTROLLED

Smooth Crabgrass, Digitaria sp.
 Hairy Crabgrass, Digitaria sp.
 Redroot Pigweed, Amaranthus retrofractus
 Barnyard Grass, Echinochloa crusgalli
 Lambsquarters, Chenopodium album
 Goosegrass, Eleusine indica
 Annual Bluegrass, Poa annua
 Shepherds Purse, Capsella bursa-pastoris
 Diagonal (Henbit), Lamium

GENERAL USE PRECAUTIONS

READ ALL LABEL DIRECTIONS BEFORE USING

BETASAN 4-E should be used only for recommended uses and at recommended rates. Apply when there is little or no wind to avoid drift.

Do not allow children or pets on treated lawns until BETASAN 4-E has been watered into the soil and grass is completely dry.

Clean up spills on walks or patios by covering with dry soil or absorbent material. Bury sweepings and hose area.

Avoid contamination of food and feed.

Toxic to fish. Do not contaminate any body of water, by direct application, cleaning of equipment or disposal of wastes and containers.

DIRECTIONS FOR APPLICATION

Application of BETASAN 4-E 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 4-E.

Remove leaves, dead tall grass, and the debris before applying BETASAN to turf areas. Any weeds present around ornamentals must be removed or worked into the soil before applying BETASAN 4-E.

Made in U.S.A. by **STAUFFER CHEMICAL COMPANY**
 NEW YORK, N.Y. 10017

BETASAN 4-E is recommended for use on ornamental plants only. Do not apply to lawn ground covers or established ornamentals before treating with BETASAN 4-E.

TIMING OF APPLICATION GENERAL COMMENTS

GRASS LAWNS: BETASAN 4-E should be applied only to well-established grass lawns. BETASAN 4-E can be used on the following established turf grasses:

Bahia	Centipede	Poa Trivialis
Bentgrass spp	Fescue spp	St. Augustine
Bermudagrass	Perennial Ryegrass	Red Top
Perennial Bluegrass spp		Zoysia

DICHONDRA LAWNS: BETASAN 4-E can be applied to dichondra lawns at the time of seeding or any time thereafter.

ORNAMENTALS AND GROUND COVERS: BETASAN 4-E should be applied only to the following ornamentals and ground covers:

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

Timing of Application - General Comments

BETASAN 4-E should be applied to lawns and ornamentals any time from late fall through early spring. For spring application, apply within or just after the first spring rains. For fall application, apply just before or after the first fall rains.

For control of ANNUAL BLUEGRASS AND OTHER ANNUAL WEEDS apply BETASAN 4-E at the recommended rate (see RATES OF APPLICATION) before the weeds emerge from the soil.

In southern or western states where germination of crabgrass, annual bluegrass, and other annual weeds extends into the late summer and early fall, a second application of BETASAN 4-E at the recommended rates should be made 4 to 5 months after the initial application.

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

BETASAN 4-E should be applied with spray equipment that will provide uniform application such as a knapsack sprayer, hose proportioner, or pressure sprayer. Sprinkle with water for 10 to 15 minutes after application to wash the BETASAN 4-E off the grass and down into the soil where the weeds are located.

RATES OF APPLICATION

CRABGRASS: Apply 2-3 gallons of BETASAN 4-E in 80 to 100 gallons of water uniformly on one acre (7.4 fl. oz. per 1,000 sq. feet).

ANNUAL BLUEGRASS AND OTHER ANNUAL WEEDS: Apply 3-4 gallons of BETASAN 4-E in 80 to 100 gallons of water uniformly on one acre (9.4 fl. oz. per 1,000 sq. feet).

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 re-seeding into BETASAN 4-E treated areas:

1. Do not reseed within four months after application.
2. Renovate the area to be reseeded by raking thoroughly and mix sterilized (weed-free) organic mulch (50-50 by volume) into the top two inches of soil.

RINSE EQUIPMENT AND CONTAINERS AND DISPOSE OF WASTES BY BURYING IN NON-CROP LANDS AWAY FROM WATER SUPPLIES. DISPOSE OF CONTAINER BY CRUSHING IT AND BURNING IT WITH WASTES.

NOTICE: Stauffer Chemical Company makes no warranty, express or implied, including the warranties of merchantability and fitness for any particular purpose, concerning this material, except those which are contained on Stauffer's label.

USEPA Reg. No. 476-1817

ARC-701615

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