



BETASAN^R 2.9 - E

A Selective Herbicide For Pre-Emergence Control Of
Crabgrass and Annual Bluegrass in Turf, Ornamentals
And Ground Covers

Contains 2.9 Pounds Active Ingredient Per Gallon

ACTIVE INGREDIENT:

S-(0,0-diisopropyl Phosphorodithioate ester
Of N-(2-mercaptoethyl) benzenesulfonamide.... 34.8%

INERT INGREDIENTS: 65.2%
Total 100.0%

Betasan^R Reg. T.M. Stauffer Chemical Company U.S. Patent No.
3,205,253, and 3,298,819.

EPA Reg. No. 2169-

EPA Est. No. 2169-KS-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel For Additional Precautionary Statements

STATEMENTS OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center immediately.
Induce vomiting by giving victim 1 or 2 glasses of water and touching
back of throat with finger. Never give anything by mouth to an
unconscious person.

If On Skin: Wash immediately with plenty of soap and water. Call a
physician immediately.

If In Eyes: Flush eyes with plenty of water. Call a physician immediately.

If Inhaled: Remove victim to fresh air. Apply respiration as indicated.
Call a physician immediately.

Net Contents _____ Gallon

Patterson Green-Up Company
Div. Curry Cartwright, Inc.
1531 Union Avenue Box 4029
Kansas City, MO - 64101

DIRECTIONS FOR USE

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

PRODUCT INFORMATION

This product 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 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 this product. Remove leaves, dead or tall grass or other debris, or thoroughly work them into the soil before applying this product.

This product 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.

TIMING OF APPLICATION - General Comments

Grass Lawns: This product should be applied to well established grass lawns. This product can be used on the following turf grasses:

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

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

ORNAMENTALS AND GROUND COVERS: This product should be applied only to the following well established ornamentals and ground covers:

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

WEEDS CONTROLLED

Annual Bluegrass	Hairy Crabgrass
Barnyardgrass	Lambsquarters
Deadnettle	Redroot Pigweed
Foxtails	Shepherdspurse
Goosegrass	Smooth Crabgrass

DIRECTIONS FOR USE (cont.)

CRABGRASS CONTROL

For control of crabgrass, apply this product at the recommended rate (see RATES OF APPLICATION) anytime from late 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).

ANNUAL BLUEGRASS (POA ANNUA) CONTROL

For control of annual bluegrass and other annual weeds, apply this product at the recommended rate (see RATES OF APPLICATION) before the weeds emerge from the soil. Consult weed specialists of the State Agricultural Experiment Station or the State Agricultural Extension Service for additional information as the timing of applications needed will vary with local conditions.

This product should be applied with spray equipment that will provide uniform application such as a hose end sprayer or 1 to 3 gallon pump sprayer.

RATES OF APPLICATION

CRABGRASS: Apply 1-1/2 pints of this product in 8-10 gallons of water uniformly on 3,150 square feet.

ANNUAL BLUEGRASS AND OTHER ANNUAL WEEDS: Apply 1 quart of this product in 6-8 gallons of water uniformly on 2,500 square feet.

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 this product at recommended rates should be made four to five months after the initial application.

Sprinkle with water for 10 to 15 minutes after application to wash this product off the grass and down into the soil where the weed seeds are located.

RE-SEEDING

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 this product treated areas:

1. Do not re-seed within four months after application
2. Renovate the area to be re-seeded by raking thoroughly and mix sterilized (weed-free) organic mulch (50-50 by volume) into the top two inches of soil.
3. When turf diseases or physiological disorders necessitate re-seeding sooner than 4 months after this product application, apply powdered activated charcoal prior to re-seeding to deactivate this product.

DIRECTIONS FOR USE (cont.)

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

Following applications, irrigate the turf with sufficient water to wash the charcoal into the soil.

Reseed no sooner than 7 days after applying the charcoal.

Do not reuse empty container. Destroy when empty.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid contact with skin and eyes. Wash thoroughly after use. Do not allow children or pets on treated lawn until this material has been watered into the soil and grass is completely dry.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL & CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
Do not allow product to freeze. Warm product to dissolve crystals before use.
Do not reuse empty container. Wrap and put in trash collection.

NOTICE: Buyer assumes all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label.