



BEST DOCUMENT AVAILABLE BETASAN 12.5-G

Formulation: Soluble granules. Active ingredient: Dichlorodimethyl p-dimethylaminoethylamine hydrochloride. Trade name: BETASAN 12.5-G.

ONLY FOR BAYE POLICE USE AND OTHER POLICE DEPARTMENT PERSONNEL

ACTIVE INGREDIENTS

Dichlorodimethyl p-dimethylaminoethylamine hydrochloride	12.5%
Inert ingredients	87.5%
Total	100%

KEEP OUT OF REACH OF CHILDREN

WARNING

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 immediately contact a physician, the nearest hospital or Poison Control Center.

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 indicated. 2 mg is the unit for when administered orally and in conjunction with atropine.

UNALLOWED: Call a physician or Poison Control Center immediately. Immediately give large amounts of water and induce vomiting by pumping the victim with a finger placed on the back of the victim's tongue. Give water until vomits subside. Do not induce vomiting if the victim has anything by mouth to an immediate physician.

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 and monitor.

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 running water for at least 15 minutes. Get medical attention.

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

This product is sold only for uses stated on its label. No express or implied license is granted to use or sell this product under any other name, country of origin, or in any other country of the United States of America.

TIMING OF APPLICATION

The most effective program for control of crabgrass, goosegrass, annual bluegrass and other annual weeds is one specifically designed for local conditions. Two or more applications per year may be necessary, using the recommended rates given below for a particular weed problem. For additional information regarding timing and rate of application, consult weed specialists of the State Agricultural Extension Service or the State Agriculture Experiment Station.

GRASS LAWNS: BETASAN 12.5-G should be applied only to well established grass lawns. BETASAN 12.5-G can be used on the following established grasses:

Bentgrass spp.	Centpede	Poa trivialis
Perennial Bluegrass spp.	Fescue spp.	Saint Augustine
Perennial Ryegrass spp.	Pennisetum spp.	Red Top
	Perennial Ryegrass	Zoysa

DICHONDRA LAWNS: BETASAN 12.5-G can be applied to dichondra lawns at the time of seed or any time thereafter.

ORNAMENTALS AND GROUND COVERS: BETASAN 12.5-G should be applied only to the following well established ornamentals and ground covers:

Alyssum	Coral Bell	Stock
Antifer	Daisy	Sweet Pea
Butcher's-Button	Margold	Wall Flower
Chrysanthemum	Pansy	Zinnia
Candy-Tuft	Primrose	Ranunculus
Chickweed	Gladiolus	Tulip
Delphinium	Narcissus	Pyracantha
Freesia	Juniper	Sandankwa
Abutilon	Monterey Cypress	Star Jasmine
Azalea	Monterey Pine	Tobira
Aztec	Myrtle	Xyrisma
Boxwood	Privet	Par wreath
Burpee	Hypericum	Sodium
Chrysanthemum	Ice Plant	Wild Strawberry
Clematis	Ivy	
Cyclamen	P. chysandra	

For control of crabgrass, apply BETASAN 12.5-G at the recommended rate (see RATES OF APPLICATION) any time from late August or October through early spring, for spring and summer control. With late winter or early spring application, the application must be made prior to crabgrass emergence (see PRODUCT INFORMATION).

For control of annual bluegrass and other annual weeds, apply BETASAN 12.5-G at the recommended rate (see RATES OF APPLICATION) before the weeds emerge from the soil.

Where germination of crabgrass, annual bluegrass and other weeds extends into the late summer or early fall, a second application of BETASAN 12.5-G at the recommended rate should be made four to eight weeks after the initial application.

BETASAN 12.5-G 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 BETASAN 12.5-G over the area to be treated, then applying the remainder at right angles or crosswise and passing by overlapping slightly. Soak the area with water for 10 to 15 minutes after application to wash the BETASAN 12.5-G down into the soil where the weed seeds are located.

RATES OF APPLICATION

Apply a maximum of 200 pounds of BETASAN 12.5-G per acre (4 1/2 pounds per 1,000 square feet) per year in two or more applications depending on the weed situation and degree of infestation.

If weed specialists are unavailable to provide specific local recommendations, follow these directions: **CRABGRASS ONLY:** Apply 80 pounds of BETASAN 12.5-G uniformly on one acre (40 pounds per 1,000 square feet).

ANNUAL BLUEGRASS, GOOSEGRASS AND OTHER ANNUAL WEEDS: Apply 100 pounds of BETASAN 12.5-G uniformly on one acre (50 pounds per 1,000 square feet).

BETASAN 12.5-G RATE TABLE AND SPREADER SETTINGS

Make of Spreader	Desired Rate Per Acre	Desired Rate Per 1,000 Sq. Ft.	Spreader Coverage	Settings Two Over	Spreader
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* BETASAN is a registered trademark of Stauffer Chemical Company.

EPA Reg. No. 24701
12.5-G

NET WT. _____ Lbs.

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

WARNING:

- Harmful if swallowed.
- Avoid breathing dust.
- Causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Wear goggles or safety glasses when handling.
- Wash thoroughly with soap and water after handling and before eating or smoking.
- Wash all contaminated clothing with soap and hot water before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to any body of water. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from treated areas. Apply this product dry as specified on the label.

GENERAL USE PRECAUTIONS

- READ ALL DIRECTIONS BEFORE USING.
- BETASAN 12.5-G 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 12.5-G has been watered into the soil and grass is completely dry.
- BETASAN 12.5-G is recommended for use on mineral soils only.
- Do not apply heat moss to lawn, ground covers or established ornamentals before treating with BETASAN 12.5-G.

PRODUCT INFORMATION

BETASAN 12.5-G is recommended for use on home lawns, parks and golf courses, on ornamental plants and on ground covers for control of crabgrass, annual broadleaf and other annual weeds. Stated.

Application of betaslan 12.5-G must precede emergence of weeds from the soil. Crabgrass will emerge from the soil from four to six weeks before it is visible on the surface. If weeds are visible above the soil, it is too late to apply BETASAN 12.5-G.

Remove leaves, feed or tall grass, and other debris before applying BETASAN 12.5-G to turf areas. Any weeds present around ornamentals must be removed or worked into the soil before applying BETASAN 12.5-G.

WEEDS CONTROLLED

- | | |
|---|---|
| Smooth Crabgrass (<i>Digitaria ischaemum</i>) | Common Groundsweeper (<i>Lactuca</i>) |
| Annual Ryegrass (<i>Lolium perenne</i>) | Common Purslane (<i>Portulaca</i>) |
| Annual Bluegrass (<i>Poa annua</i>) | Common Chickweed (<i>Chickweed</i>) |
| Annual Yellowgrass (<i>Poa annua</i>) | Common Groundsweeper (<i>Lactuca</i>) |
| Annual Ryegrass (<i>Lolium perenne</i>) | Common Purslane (<i>Portulaca</i>) |
| Annual Bluegrass (<i>Poa annua</i>) | Common Chickweed (<i>Chickweed</i>) |

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. Avoid contamination of food, feed, or water supplies.

ACCEPTED
 JAN 19 1983
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 24701-12.5-G-209

Make of Sprayer	Desired Rate Per Acre	Desired Rate For 100' x 100'	Sprayer Capacity	Settings Twice Over	Sprayer Width
Cyc one	80 Lbs. 100 Lbs.	1.9 Lbs. 2.4	2.8 2.9	2.3 2.5	6 1/2 Ft. 8 1/2 Ft.
Scott	100 Lbs.	2.4 Lbs.	3.5	2.5	
Central 1115A 11185	100 Lbs. 100 Lbs.	2.4 Lbs. 2.4 Lbs.	4 5 1/2	3 4 1/2	

BEST DOCUMENT AVAILABLE

RESEEDING

Any material that provides effective control of annual grasses may affect new lawn grass seed which germinate after treatment. Proper fertilization and watering will encourage the existing turf grass 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 occur when reseeding into BETASAN 12.5-G treated areas:

1. Do not reseed within 4 months after applications.
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 d seases or physiological disorders necessitate reseeding sooner than 4 months after BETASAN 12.5-G applications, apply powdered activated charcoal prior to reseeding to duct the BETASAN 12.5-G.

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

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. STORAGE: Store in cool dry place.

PESTICIDE DISPOSAL: Pesticide that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

CONTAINER DISPOSAL: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in sanitary and proper manner as required by State and local authorities.

NOTICE — READ CAREFULLY

CONDITIONS OF SALE: Platte (and seller) warrant this product for sale subject to, and buyer and users are deemed to have accepted, the following conditions of sale and warranty which may or may not be in agreement of a duly authorized representative of Platte.

WARRANTY LIMITATION: Platte warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use on the Platte label as to the other characteristics referred to below. Platte makes no other express warranties— THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY and there are no warranties which extend beyond the description on the label.

PLATTE MAKES NO WARRANTY THAT THE DIRECTIONS FOR USE OF THIS PRODUCT ARE BELIEVED TO BE RELIABLE AND SHOULD BE FOLLOWED CAREFULLY. However, it is impossible to eliminate all risks associated with use. Buyer assumes all risks associated with use or application of this product contrary to the instructions or resulting from extraordinary or other conditions.

LIMITATION OF LIABILITY: In no case shall Platte be liable for special, indirect or consequential damages resulting from the use or handling of this product, or for any claim for punitive damages, except to the extent that the damage or loss is caused by negligence in respect of which such damages are claimed.

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