

ADVERTISING AND SALES PROMOTION SERVICES

333W

FOR:

AGWAY BETASAN 7-G

DATE: 1/24/83

((FRONT PANEL))

NET WEIGHT
50#

AGWAY
BETASAN[®] 7-G

GRANULES - A Selective Herbicide for Pre-Emer-
gence Control of Crabgrass and Annual Bluegrass
in Turf, Ornamentals, and Ground Covers.

Contains 7 pounds Active Ingredient Per 100 Pounds

ACTIVE INGREDIENT:

BENSULIDE:

Underlined letters
should be itali-
cized.

S-(0,0-diisopropyl phosphorodithioate)
Ester of N-(2-mercaptoethyl) benzene-
sulfonamide 7.0%

INERT INGREDIENTS: 93.0%

TOTAL 100.0%

[®] Registered Trademark of Stauffer Chemical Co.

KEEP OUT OF REACH OF CHILDREN (12 pt.)

WARNING (18 pt.)

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 simul-
taneously contact a physician, the nearest hospital
or a Poison Control Center.

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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 finger placed on the back of the victim's tongue. Give water 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.

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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.

See side panel for additional precautionary statements.

AGWAY INC.

CHEMICAL DIV.

BOX 4933

SYRACUSE, NY 13221

EPA Reg. No. 8590-565

EPA Est. No. 8590-PA-1

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((REAR PANEL))

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 re-use.

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 areas treated.

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. Apply this product only as specified on this label.

PRODUCT INFORMATION

BETASAN 7G 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.

Application of BETASAN 7-G 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 7-G.

Remove leaves, dead or tall grass, and other debris before applying BETASAN 7-G to turf areas. Any weeds present around ornamentals must be removed or worked into the soil before applying BETASAN 7-G.

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Underlined words should be italicized.

WEEDS CONTROLLED

Smooth Crabgrass (Digitaria ischaemum)

Hairy Crabgrass (Digitaria sanguinalis)

Redroot Pigweed (Amaranthus retroflexus)

Barnyardgrass (Watergrass) (Echinochloa spp.)

Lambsquarters (Chenopodium album)

Goosegrass (Eleusine indica)

Annual Bluegrass (Poa annua)

Shepherdspurse (Capsella Bursa-pastoris)

Deadnettle (Henbit) (Lamium spp.)

(NOTE: BETASAN 7G does not control established weeds.)

STORAGE AND DISPOSAL (12 pt.)

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a cool 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 a sanitary landfill or by incineration if allowed by State and local authorities.

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GENERAL USE PRECAUTIONS

- . READ ALL DIRECTIONS BEFORE USING.

- . BETASAN 7-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 7-G has been watered into the soil and grass is completely dry.

- . BETASAN 7-G is recommended for use on mineral soils only.

- . Do not apply peat moss to lawn, ground covers or established ornamentals before treating with BETASAN 7-G.

DIRECTIONS FOR USE

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

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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 Agricultural Experiment Station.

GRASS LAWNS: BETASAN 7-G should be applied only to well established grass lawns, BETASAN 7-G can be used on the following established turf grasses:

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

DICHONDRA LAWNS: BETASAN 7-G can be applied to dichondra lawns at the time of seeding or any time thereafter.

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ORNAMENTALS AND GROUND COVERS: BETASAN 7-G
 should be applied only to the following well
 established ornamentals and ground covers.

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

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For control of Crabgrass, apply BETASAN 7-G 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 "DIRECTIONS FOR APPLICATION").

For control of Annual Bluegrass and other annual weeds, apply BETASAN 7-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 and early fall, a second application of BETASAN 7-G at the recommended rate should be made four to five months after the initial application.

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

BETASAN 7-G should be applied with a lawn spreader or any other applicator that will give uniform

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coverage. A more uniform application can be made by spreading half of the required amount of BETASAN 7-G over the area to be treated, then applying the remainder at right angles or crosswise. Avoid misses by overlapping slightly. Sprinkle the area with water for 10 to 15 minutes after application to wash the BETASAN 7-G down into the soil where the weed seeds are located.

RATES OF APPLICATION

Apply a maximum of 357 pounds of Betasan 7-G per acre (8.2 pounds per 1,000 sq. ft.) per year in two or more applications depending on the weed species and degree of infestation.

CRABGRASS: Apply 107 to 143 pounds of BETASAN 7-G uniformly on one acre (2.4 to 3.2 pounds per 1,000 sq. ft.)

ANNUAL BLUEGRASS, GOOSEGRASS AND OTHER ANNUAL WEEDS: Apply 180 pounds of BETASAN 7-G uniformly on one acre (10 pounds per 2,500 sq. ft.)

Sprinkle the area with water for 10 to 15 minutes after application to wash the BETASAN 7-G down into the soil where the weed seeds are located.

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When a weed control program involves two to three applications of BETASAN 7-G for crabgrass, goosegrass and annual bluegrass, the rate of application for goosegrass and annual bluegrass may be reduced to 107 pounds to 143 pounds per acre, using the higher rate for heavier infestations.

BETASAN 7G RATE TABLE AND SPREADER SETTINGS

Make of Spreader	Desired Rate Per Acre	Desired Rate Per 1,000 Sq.Ft.	Spreader Settings		Spread Width
			Once Over	Twice Over	
Cyclone (1)	107 lbs.	2.4 lbs.	3.55	3.25	5 ft.
	180 lbs	4.1 lbs.	3.95	3.45	5 ft.
Scott (1) Drop	107 lbs.	2.4 lbs.	4.3	3.4	20 in.
	180 lbs.	4.1 lbs.	5.6	4.0	20 in.
Scott Centrifugal (1) (2) (3)	107 lbs.	2.4 lbs.	B-0.9-C	A-0.4-B	5 ft.
	180 lbs.	4.1 lbs.	G-0.8-D	B-0.3-C	5 ft.

- (1) Based on 2 mile per hour rate of travel
- (2) Should be used as a guide only - recalibrate frequently
- (3) Numbers indicate how far from first letter toward second letter ex. B-0.9-C = 9 tenths of distance from B to C.

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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 7G treated areas:

1. Do not reseed within 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 BETASAN 7-G application, apply powdered activated charcoal prior to reseeding to deactivate the BETASAN 7-G.

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

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

DISCLAIMER: Agway disclaims all implied warranties, including implied warranties or merchantability and fitness for a particular purpose. Buyer shall be solely responsible for any and all injury, loss or damage which results from the use of this product in any manner which is inconsistent with the label directions, warnings or cautions. Any damages shall be limited to direct damages, not to exceed the purchase price of the product and shall not include any indirect, incidental or consequential damages.

NOTE: This pesticide is to be sold ONLY in this original unbroken package.

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