

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

MAY BE FATAL IF SWALLOWED - MAY BE ABSORBED THROUGH SKIN
MAY BE INJURIOUS TO EYES AND SKIN - COMBUSTIBLE
Do not take internally - Do not get in eyes or on skin - Wash thoroughly after handling
Wash contaminated clothing before reuse - Flush contaminated eyes with plenty of water
and get prompt medical attention - Avoid breathing vapors and spray mist - Avoid
spraying food crops - Keep away from food, feedstuffs, and domestic water supplies -
Keep container closed - Do not use or store near heat or open flame - Handle concentrate
in a ventilated area.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to lakes,
streams or ponds. Do not apply where runoff is likely to occur. Do not apply when weather
conditions favor drift from areas treated. Do not contaminate water by cleaning of
equipment or disposal of wastes. Apply this product only as specified on this label.
This product is highly toxic to bees exposed to direct treatment or residues on plants.
Protective information may be obtained from your Cooperative Agricultural Extension
Service.

PHYSICAL OR CHEMICAL HAZARDS

COMBUSTIBLE
Do Not Use or Store Near Heat or Open Flame - Do Not Cut or Weld Container

PRODUCT INFORMATION

BETASAN 4-F 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

| | |
|--|---|
| Annual Bluegrass (<i>Poa annua</i>) | Hairy Crabgrass (<i>Digitaria sanguinalis</i>) |
| Barnyardgrass (<i>Watergrass</i>) (<i>Echinochloa</i> spp.) | Lambsquarters (<i>Chenopodium album</i>) |
| Deadnettle (<i>Henbit</i>) (<i>Lamium</i> spp.) | Redroot Pigweed (<i>Amaranthus retroflexus</i>) |
| Fall Panicum (<i>Panicum dichotomiflorum</i>) | Shepherdspurse (<i>apsella bursa pastoris</i>) |
| Foxtails (<i>Setaria</i> spp.) | Smooth Crabgrass (<i>Digitaria ischaemum</i>) |
| Goosegrass (<i>Eleusine indica</i>) | |

(NOTE: BETASAN does not control established weeds.)

OBSERVE THE FOLLOWING USE PRECAUTIONS

Read all label directions before using.

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

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

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 materials. Bury sweepings
and hose area.

Do not store near seeds or fertilizer. Keep container closed when not in use.

PROTECT FROM TEMPERATURES BELOW 42°F. Product crystallizes at lower temperatures.
Warm or store at higher temperatures, and mix to re-dissolve crystals and assure uniformity before
use.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN
A MANNER INCONSISTENT WITH ITS LABELING.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open
dumping is prohibited.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used
according to label instructions must be disposed of according to applicable Federal, State or
Local procedures.

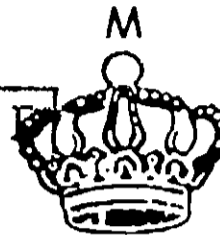
CONTAINER DISPOSAL: Triple rinse (or equivalent) and offer for recycling, recondition-
ing, or disposal in approved landfill, or bury in a safe place.

GENERAL: Consult Federal, State or Local disposal authorities for approved alternative
procedures.

ACCEPTED

JAN - 6 1983

United States and Foreign Insecticide
Labeling and Registration
Division for the pesticide
registered under
EPA Reg. No. 48391



MAJESTIC GREEN

BETASAN 4-F

Pre-Emergence Grass Kill

EMULSIFIABLE LIQUID
A Selective Herbicide for use in
Turf, Ornamentals and Ground Covers

ACTIVE INGREDIENT:

S-(O, O-diisopropyl phosphorodithioate) of N-(2-
mercaptoethyl) benzenesulfonamide.....

INERT INGREDIENTS:.....

TOTAL

Contains 4 Pounds Active Ingredient Per Gallon
U.S. Patent Nos. 3,205,253; 3,298,819

Keep Out Of Reach Of Children

CAUTION

STATEMENT OF PRACTICAL TREATMENT

For use on ornamentals, parks, lawns, golf courses, and other areas where it is desired to control weeds.
This product is a selective herbicide and will not harm desirable plants. It is a pre-emergence
herbicide and should be applied before weeds begin to grow.

For use on ground covers, lawns, and other areas where it is desired to control weeds, describe the weeds to be controlled.

NOTE: Be sure to read the label directions for the active ingredient. This product is a selective
herbicide and will not harm desirable plants.

NOTE TO PHYSICIANS: For use on ornamentals, parks, lawns, golf courses, and other areas where it is desired to control weeds.
This product is a selective herbicide and will not harm desirable plants.

IF SWALLOWED: Do not induce vomiting. If medically advised, a physician or Poison Control Center
should be contacted. If vomiting occurs, give fluids again. Never give anything by mouth
if unconscious.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-
to-mouth. If given oxygen, preferably with a physician's advice.

IF ON SKIN: Flush with plenty of water for at least 15 minutes. Remove contaminated clothing and
attention if irritation occurs. Wash clothing before reuse.

IF IN EYES: Hold eyelids apart and flush with large amounts of running water for at least 15 minutes. If
irritation persists.

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

EPA Reg. No. 48391
EPA Est. No. 10107-NB-1

Mfg.
Majestic Green
P.O. Box
Manhattan, N.Y.

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DIRECTIONS FOR APPLICATION

Application of BETASAN 4-E must precede emergence of weeds from the soil. Crabgrass will emerge from the soil from 4 to 6 weeks before it is visible above lawn level. If weeds are visible above the soil, it is too late to apply BETASAN 4-E.

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

TIMING OF APPLICATION

General Comments

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

| | | |
|--------------------------|--------------------|---------------|
| Bahia | Centipede | Poa Trivialis |
| Bentgrass spp. | Fescue spp. | St. Augustine |
| Perennial Bluegrass spp. | Pensacola Bahia | Red Top |
| Bermudagrass spp. | Perennial Ryegrass | 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 well established ornamentals and ground covers:

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

For control of **CRABGRASS**, apply BETASAN 4-E 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 4-E at the recommended rate (see Rates of Application) before the weeds emerge from the soil. In the eastern 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 weed specialists of the state agricultural extension service or the state agricultural experiment stations for additional information as the timing of application will 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 weed seeds are located.

RATES OF APPLICATION

CRABGRASS - Apply 1.1 to 1.5 gallons (15 pints) of BETASAN 4-E in 80 to 100 gallons of water uniformly on one 2 to 5 1/2 fluid ounces per 1,000 square feet.

ANNUAL BLUEGRASS AND OTHER ANNUAL WEEDS - Apply 2.1 to 2.5 gallons of BETASAN 4-E in 80 to 100 gallons of water uniformly on 1 acre (2.3 fluid ounces per 1,000 square 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 starting of turf grasses which may occur when reseeding into BETASAN treated areas:

1. Do not reseed within 4 months after application. 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 open seed bed.

2. Where turf diseases or physiological disorders necessitate reseeding sooner than 4 months after BETASAN application, apply powdered activated charcoal prior to reseeding to deactivate the BETASAN.

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 (0.7 pounds per acre in 600 gallons of water per acre).

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

Re-seed no sooner than 7 days after applying the charcoal.

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 BURYING IT WITH WASTES.

NON-WARRANTY

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use - but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose - express or implied - extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.