

48 Pounds Net Weight (21.75 Kg)

ACCEPTED
NOV 17 1982
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 41-337

LEBANON

COUNTRY CLUB 19-4-9 WITH BETASAN

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

FOR PROFESSIONAL USE

ACTIVE INGREDIENT:

Benzulide: 8-(0,0-Diisopropyl phosphorothioate) ester of N-(2-mercaptoethyl) benzenesulfonamide..... 3.6%

INERT INGREDIENTS:..... 96.4%
100%

EPA Reg. No. 961-()

U.S. Patent No. 3,205,253. Registered TM of Stauffer Chemical Company.

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)..... 19.0%
2.3% Water Insoluble Nitrogen
Available Phosphoric Acid (P2O5)..... 4.0%
Soluble Potash (K2O)..... 9.0%

Potential Acidity 1100 lbs. Calcium Carbonate equivalent per ton.

20% OF NITROGEN FROM ORGANIC SOURCES

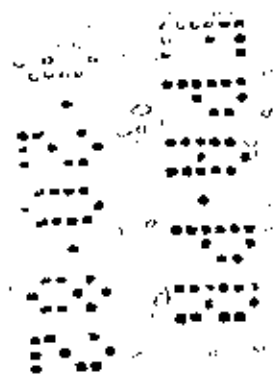
KEEP OUT OF REACH OF CHILDREN

CAUTION

See back of bag for additional Precautionary Statements

LEBANON CHEMICAL CORPORATION

LEBANON, PA. 17042



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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION:

- . Harmful if swallowed.
- . Avoid breathing dust.
- . Causes moderate eye irritation. Do not get in eyes, on skin, or on clothing.
- . Wash thoroughly after handling and before eating or smoking.
- . Wash all contaminated clothing with soap and hot water before re-use.
- . Avoid contamination of food, feed, or water supplies.

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 simultaneously contact a physician, the nearest hospital or a Poison Control Center, or call collect, day or night:

(800) 424-9300

PESTICIDE TEAM SAFETY NETWORK

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 blunt object placed on the back of the victim's tongue. Give fluids 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, preferable mouth-to-mouth. If breathing is difficult, give oxygen, preferably with a physician's advice.

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 if irritation persists.

ENVIRONMENTAL HAZARDS

- . This product is toxic to fish. Keep out of lakes, streams, and ponds. 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.
- . Apply this product only as specified on this label.

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STORAGE AND DISPOSAL

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

STORAGE: Store in cool dry place.

CONTAINER DISPOSAL: Do not reuse empty bag. Wrap empty bag and put in trash collection.

GENERAL PRECAUTIONS AND INFORMATION

- . READ ALL DIRECTIONS BEFORE USING.
- . Lebanon Country Club 19-4-9 with Betasan[®] should be used only for recommended uses and at recommended rates.
- . Sweep up spills on walks or patios and use area.
- . Do not allow children or pets on treated lawns until product has been watered into the soil and grass is completely dry.
- . Recommended for use on mineral soils only.
- . Do not apply peat moss to lawn, ground covers or established ornamentals before treating.

Lebanon Country Club 19-4-9 with Betasan 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 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 for application.

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

WEEDS CONTROLLED

Annual Bluegrass (*Poa annua*)
Barnyardgrass (Watergrass) (*Echinochloa* spp.)
Deadnettle (Henbit) (*Lamium* spp.)
Goosegrass (*Eleusine indica*)
Hairy Crabgrass (*Digitaria sanguinalis*)
Lambsquarters (*Chenopodium album*)
Redroot Pigweed (*Amaranthus retroflexus*)
Shepherdspurse (*Capsella bursa-pastoris*)
Smooth Crabgrass (*Digitaria ischaemum*)

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

GRASS LAWNS: Lebanon Country Club 19-4-9 with Betasan should be applied only to well established grass lawns. Can be used on the following established turf grasses:

Bahia	Centipedia	Poa trivialis
Bentgrass spp.	Fescue spp.	Saint Augustine
Bermudagrass spp.	Panicola Bahia	Red Top
Perennial Bluegrass spp.	Perennial Ryegrass	Zoysia

DICHONDRA LAWNS: Lebanon Country Club 19-4-9 with Betasan can be applied to dichondra lawns at the time of seeding or any time thereafter.

ORNAMENTALS AND GROUND COVERS: Lebanon Country Club 19-4-9 with Betasan should be applied only to the following well established ornamentals and ground covers:

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

For control of crabgrass, apply 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 PRODUCT INFORMATION).

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

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.

Where germination of crabgrass, annual bluegrass and other weeds extends into the late summer and early fall, a second application of Lebanon Country Club 19-4-9 with Betasan at the recommended rate should be made 4 to 5 months after the initial application.

Lebanon Country Club 19-4-9 with Betasan 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 over the area to be treated, then applying the remainder at right angles or crosswise. Avoid misses by over-lapping slightly.

RATES OF APPLICATION

CRABGRASS ONLY: Apply 12 to 16 pounds of Lebanon Country Club 19-4-9 with Betasan uniformly on 2,500 square feet. This will give 0.9 to 1.2 pounds of nitrogen per 1,000 square feet.

ANNUAL BLUEGRASS AND OTHER ANNUAL WEEDS: Apply 20 pounds of Lebanon Country Club 19-4-9 with Betasan uniformly over 2,500 square feet. This will give 1.5 pounds of nitrogen per 1,000 square feet.

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

Lebanon Country Club 19-4-9 with Betasan Rate Table and Spreader Settings

SPREADER	SPEED		Width of Coverage	RATE TABLE AND SPREADER SETTINGS	
	Ground MPH	PTO RPM		(LAWNSIDE) SPREAD SQ. FT. PER LANCE	(LAWNSIDE) TRUCKS SQ. FT. PER LANCE
Show'n tell (Drop Type)	3			8	4½
Jet Spread (Rotary)	3		8 ft.	4	2½
Cyclone	3		8 ft.	4	2½
Ease Flow (109)	5	540	30 ft.	C3	C2
Lely Wheel-Drive	4½		39 ft.	7II	5II
Lely PTO-Drive	5	425	39 ft.	7II	5II
Scotts (Drop Type)	3			4½	3
Scotts (Rotary)	3		6 ft.	G	C

These settings were calibrated and field tested. However, age and condition of spreader, speed of operation, and unevenness of terrain may require slightly different settings for desired coverage.

RESEEDING

A 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-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 application, apply powdered activated charcoal prior to reseeding to deactivate the Betasan.

