

RESTRICTED USE PESTICIDE

DUE TO ONCOGENICITY IN LABORATORY MICE*

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.



ILLOXAN®

3 EC Herbicide

FOR USE ON GOLF COURSES ONLY

(Includes Greens, Tees, Fairways, and Closely Mowed Rough Areas)

For Postemergence Control of Goosegrass (Silver Crabgrass) in Bermuda-grass Turf

ACTIVE INGREDIENT:

diclofop-methyl* 34.7%†

OTHER INGREDIENTS: 65.3%

TOTAL 100.00%

*CAS NUMBER 51338-27-3

†Equivalent to 3.0 pounds of active ingredient per gallon.

EPA Reg. No. 432-1231

EPA Est. No. 264-CAN-001

KEEP OUT OF REACH OF CHILDREN

DANGER

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

IN CASE OF MEDICAL EMERGENCIES OR HEALTH AND SAFETY INQUIRIES, OR IN CASE OF FIRE, LEAKING, OR DAMAGED CONTAINERS, INFORMATION MAY BE OBTAINED BY CALLING 1-800-334-7577.

FOR PRODUCT INFORMATION, CALL TOLL-FREE: 1-800-331-2867

*The Environmental Protection Agency has concluded that diclofop-methyl, the active ingredient in this product, produced tumors in laboratory mice. This effect was not observed in other species tested. The user must read and follow all precautionary statements on this label. Give particular attention to protective clothing requirements.

NET CONTENTS:

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FIRST AID

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: Aspiration hazard may contraindicate the use of gastric lavage.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Corrosive, causes irreversible eye damage. Do not get in eyes or on skin or clothing. Avoid contact or inhalation of spray mist. Wash thoroughly after using and change clothing. Do not take internally.

PERSONAL PROTECTIVE EQUIPMENT

The following protective apparel must be worn during all loading and mixing operations and when applied by ground equipment: long-sleeved shirt and long pants under fabric coveralls, impermeable rubber gloves (such as neoprene or PVC), waterproof boots, goggles and a cartridge-type respirator approved by the National Institute of Occupational Safety and Health (NIOSH).

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. For terrestrial use, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not apply when weather conditions favor runoff, leaching or spray drift. Avoid direct application or spray drift of spray material to water surfaces. Do not apply within 100 feet of aquatic habitat. Do not contaminate arable land and/or water when disposing of equipment washwaters.

STORAGE AND DISPOSAL

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

Do not use or store near heat or open flame.

Do not store below 20°F.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent), then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

GENERAL INFORMATION

ILLOXAN® 3EC Herbicide is an emulsifiable concentrate (EC) formulation containing 3 pounds of active ingredient per gallon. ILLOXAN 3EC will control goosegrass/crowfootgrass/silver crabgrass (*Eleusine indica*) in established bermudagrass (*Cynodon dactylon*) turf. ILLOXAN 3EC will not

control broadleaf weeds or sedges.

ILLOXAN 3EC is absorbed primarily through the foliage. Thorough coverage is important. Visual injury on goose-grass is evident approximately 2 to 3 weeks after application (dependent upon environmental conditions).

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This label must be in the possession of the user at the time of application. Do not apply this product in a way that will contact coworkers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

ILLOXAN 3EC Herbicide can be applied as a broadcast application to all cultivars of bermudagrass turf. Avoid applications to other turf species as severe turf injury may occur.

APPLICATION INFORMATION

ILLOXAN 3EC Herbicide controls goosegrass that has emerged at the time of application. Young actively growing goosegrass plants are more easily controlled than larger plants. Refer to the application rate and time chart for proper application timing and rates. Avoid applications to turfgrass under stress due to lack of moisture, chemical injury, insects, disease, or temperature extremes.

The addition of a nonionic surfactant at 0.25% by volume may improve the control of goosegrass under less than optimum growing conditions.

Pressurized Hydraulic Sprayer Application

Apply ILLOXAN 3EC Herbicide by means of a pressurized hydraulic sprayer using 30-60 psi and 0.7 to 1.4 gallons of finished spray per 1000 sq. ft. (30-60 gal/A). Thorough spray coverage is essential for optimum results. Flat fan nozzles are recommended.

Applications should be made using a uniform spray pattern with a minimum overlap. Overdosing may result in turf injury.

Mowing Information

For optimum results, spray ILLOXAN 3EC Herbicide when maximum leaf area is present. Avoid mowing treated areas for at least 36 hours to allow time for penetration into the grass weed. ILLOXAN 3EC is most effective on closely mowed, but not less than 5/16 inch cutting height, goosegrass. The control of goosegrass in higher mowed turf such as in "rough" areas is less effective. The effectiveness of ILLOXAN 3EC Herbicide is reduced when grass clippings interfere with thorough spray coverage of the target weed.

Time of Application and Rate Chart

Grassy Weed	Stage of Growth	fl oz/	
		1000 ft ²	fl oz/A
Goosegrass	1-3 leaf	0.75	32.6
	3-4 leaf	0.90	39.1
	4 Leaf-1 Tiller	1.00	43.5

Special Notes

1. Avoid application to turfgrass under drought stress or stress from insects, diseases or nematodes.
2. Rainfall or irrigation within 1 hour of application may cause a reduction in grass control, excessive runoff or leaching. Do not apply if rainfall is expected within 1 hour after application or do not irrigate until spray deposit is dry.
3. DO NOT tank mix ILLOXAN 3EC Herbicide with any other pesticide or liquid fertilizer as reduced goosegrass control may occur.
4. DO NOT overseed treated area for at least 2 months from time of application.
5. Apply ILLOXAN 3EC Herbicide only to established (stolons 4 inches in

- length) bermudagrass turf.
- DO NOT apply ILLOXAN 3EC Herbicide through any type of irrigation system.
 - ILLOXAN 3EC Herbicide can be applied as a broadcast and/or spot treatment application. Do not use more than one (1) fluid ounce per 1,000 square feet (43.5 fl. Oz/A) per application and not more than a total of 1.5 fluid ounces per 1,000 square feet (65.3 fl. Oz./A) per year.
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IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

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