

Product Bulletin



Dow AgroSciences

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Kerb® SC T&O

EPA Reg. No. 62719-578

FIFRA 2(ee) Recommendation†

For Distribution and Use in All States except Texas.

Selective Control of Annual Bluegrass in Warm Season Turf

ATTENTION

† This recommendation is made as permitted under FIFRA 2(ee) and has not been submitted to or approved by the EPA or state lead pesticide agency.

- Read the label affixed to the container for Kerb® SC T&O specialty herbicide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Kerb SC T&O according to this product bulletin is subject to all use precautions and limitations imposed by the label affixed to the container for Kerb SC T&O.

Product Information

Kerb SC T&O is a selective herbicide for the preemergence and postemergence control of annual bluegrass (*Poa annua*) from warm season grasses, and the removal of perennial ryegrass (*Lolium perenne*) from warm season grasses during spring transition. Warm season grasses include ornamental bermudagrass, zoysiagrass, St. Augustinegrass and centipedegrass.

Annual Bluegrass (*Poa annua*) Control

Kerb SC T&O will control annual bluegrass from pre-germination and seedling stages through tillering, heading and seed formation. Kerb SC T&O acts slowly on seedling to mature annual bluegrass. Following application of Kerb SC T&O annual bluegrass may first become dark green and then gradually turn yellow and die over a 3- to 5-week period.

For effective control of annual bluegrass in turfgrass and sod, moisture is necessary to move Kerb SC T&O in the weed root zone. It is best to irrigate with 0.25 to 0.5 inch of irrigation within 24 hours of application.

Effect of Soil Type, Moisture and Temperature

Kerb SC T&O is most active in coarse to medium textured soils of low organic matter and relatively inactive in peat or muck soils or mineral soils high in organic matter content at rates specified in this label. Herbicidal activity is best in soils containing less than 4 percent organic matter. Use in soils with higher organic matter may result in inconsistent or incomplete weed control.

The herbicidal activity of Kerb SC T&O is mainly through root absorption in sensitive weed species. Rain or irrigation is **essential** following treatment to move Kerb SC T&O into the root zone of germinating weeds.

Under field conditions, Kerb SC T&O will remain relatively stable with little loss of herbicidal activity when soil temperatures are less than 55°F. As soil temperatures increase, degradation of the active ingredient takes place. Kerb SC T&O may degrade rather quickly if left exposed on the soil surface in warm weather. If Kerb SC T&O is applied when air temperatures exceed 85°F, the treatment must be soil incorporated to a shallow depth (top two to three inches) or watered into the soil as soon as possible.

Dosage and Timing for Annual Bluegrass Control

For annual bluegrass control Kerb SC T&O is applied at the rate of 1.25 to 3.5 pints of product (0.5 to 1.5 lb active ingredient) per acre broadcast application. The dosage rate required is dependent on the growth stage of annual bluegrass at time of application and the use site.

For application on golf course greens and tees, do not apply more than 2.5 pt/A (1 lb active ingredient) per application and ensure there is no overlap of the spray or turfgrass injury may occur. For most effective *Poa annua* control, particularly on golf course greens, make applications from early fall through December. Split applications of the rate above can be made 30 to 60 days apart but the total amount on greens or tees should not exceed 1.5 lbs active ingredient.

Follow the dosage rate and timing instructions given below:

Annual Bluegrass Growth Stage	Kerb SC T&O pt/Acre ¹ Broadcast Application
Preemergence or early postemergence	1.25 – 2.5 ²
Postemergence at early tillering to heading	2.0 – 2.5
Postemergence at seed forming stages	2.5 – 3.5 ³

¹ One acre equals 43,560 sq. ft.

² Use the higher rate when longer preemergence residual control is desired.

³ On golf course greens and tees, do not apply more than 2.5 pts/acre (1 lb ai/acre) per application and be careful not to overlap spray patterns.

Turf- Specific Use Restrictions

- This product may be used on non-residential seeded, sodded, or sprigged turf that is well established. Use of this product on turf that has been weakened by weather-, pest-, disease- chemical-, or mechanical-related stress may increase the chances of turf injury.
- This product must only be applied to turf areas that are composed of the following turfgrass species:
 - Bermudagrass (*Cynodon dactylon*)
 - Centipedegrass (*Eremochloa ophiuroides*)
 - St. Augustinegrass (*Stenotaphrum secundatum*)
 - Zoysiagrass (*Zoysia japonica*, *Zoysia matrella*)

On golf course greens and tees do not exceed the recommended rate of 2.5 pt/A (1 lb ai/A) per application. Ensure there is no overlap of the spray pattern or turf grass injury may occur. Application of 1.5 to 2.0 pt/A applied prior to soil temperatures of 55 degrees is an effective rate for pre and early post emergence control of *Poa annua*.

- Dow AgroSciences has not screened Kerb SC T&O on all the new Ultra dwarf turf varieties. Before using on these new ultra dwarf varieties test on nursery greens prior to application on golf course greens. Observe response for 30 days to insure any potential injury would be acceptable.
- Avoid spraying on hill sides, fairways, or approaches that may drain onto bentgrass greens or to areas overseeded with sensitive cool season grasses.
- Do not make an application of a wetting agent for the purpose of frost protection or soil penetration to greens or tees 14 days prior to or after a Kerb SC T&O application as injury may result.
- Do not apply Kerb SC T&O herbicide to areas that are to be overseeded with susceptible cool season grasses within 90 days of treatment unless deactivation is planned.
- Do not apply Kerb SC T&O to desirable dichondra, perennial bluegrass, annual and perennial ryegrasses, fescues and bentgrasses.
- Do not graze treated areas and do not feed clippings to livestock.
- Do not apply more than 1.5 lb/acre active ingredient (3.5 pt/acre of Kerb SC T&O) per year.

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