

The Proven Solution for Postemergence Control of *Poa annua* in Warm Season Turf

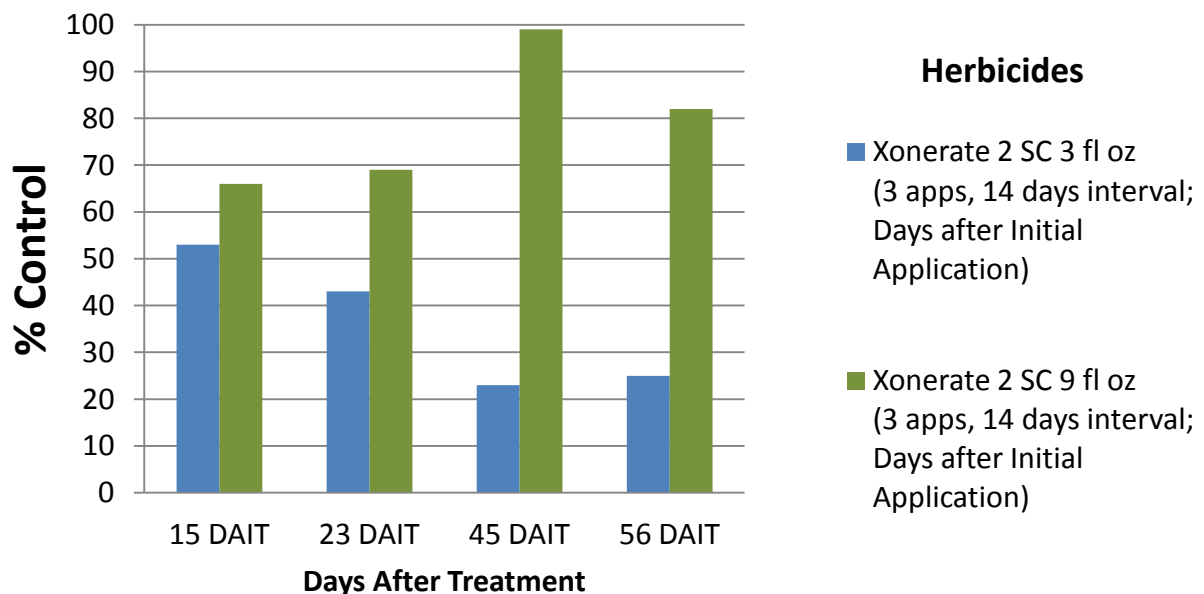
How Xonerate® 2SC Herbicide Works

- Xonerate® 2SC Herbicide demonstrates root and foliar absorption. It prevents electron transport by binding to the D1 protein in PSII, which prevents carbon dioxide fixation and energy production resulting in subsequent cell and tissue loss.
- Target weeds initially become chlorotic (loss of green color) and/or stunted followed by leaf necrosis (browning of plant tissue) beginning from the leaf margin and progressing through the plant.

Effective Control of *Poa annua*

Xonerate 2SC Herbicide is a selective postemergence herbicide for annual bluegrass (*Poa annua*) control in warm season turfgrasses. It provides removal of *Poa annua* through multiple applications with re-seeding flexibility per label directions. Xonerate 2SC Herbicide is labeled for use on golf courses, seed and sod production fields, residential and commercial lawns, parks, and sports fields.

Annual Bluegrass Control- Auburn University 2017



Dr. S. McElroy, Auburn University
Initial application Feb. 20, 2017



Poa annua Control in Bermudagrass

- Rate 9 fl oz/A Xonerate® 2SC Herbicide + 0.25% NIS
- Treatment applied on May 9, 2017
- Bermudagrass image dated May 23, 2017
- Birmingham, Alabama

Key Benefits

- Cost- effective
- Easy to mix
- No clogging
- Easy to measure
- Convenient SC formulation

Poa annua Control and General Use

For postemergence *Poa annua* control, apply Xonerate 2SC selective herbicide from 6 to 29 fl oz per acre, depending on turf type. Reference product label for appropriate application temperature ranges and further use instructions. Ensure the root zone of the desirable turf is healthy and actively growing. Avoid mowing a day after application to allow for full foliar uptake. Wait 7 days after last application before re-seeding.

Xonerate® 2SC Herbicide Use Recommendations in Established Warm Season Turf

| Site and Turfgrass Species | Pest | Rate | Application Intervals |
|---|---|----------------|---|
| Bahiagrass, Bermudagrass, Buffalograss, Centipedegrass, Kikuyugrass, Seashore Paspalum, St. Augustinegrass, Zoysiagrass | Annual Bluegrass | 9 - 14 fl oz/A | Make additional applications at 14-21 day intervals |
| Bermudagrass over-seeded with Perennial Ryegrass or <i>Poa trivialis</i> | Annual Bluegrass | 6 - 11 fl oz/A | 14 day intervals; 2 applications for the high rate 3 applications for the low rate |
| Bermudagrass over-seeded with Perennial Ryegrass or <i>Poa trivialis</i> | Annual Bluegrass and Per. Ryegrass or <i>Poa trivialis</i> Transition | 14- 29 fl oz/A | This application will control annual bluegrass and aid in the transition from perennial ryegrass to bermudagrass. |

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