

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

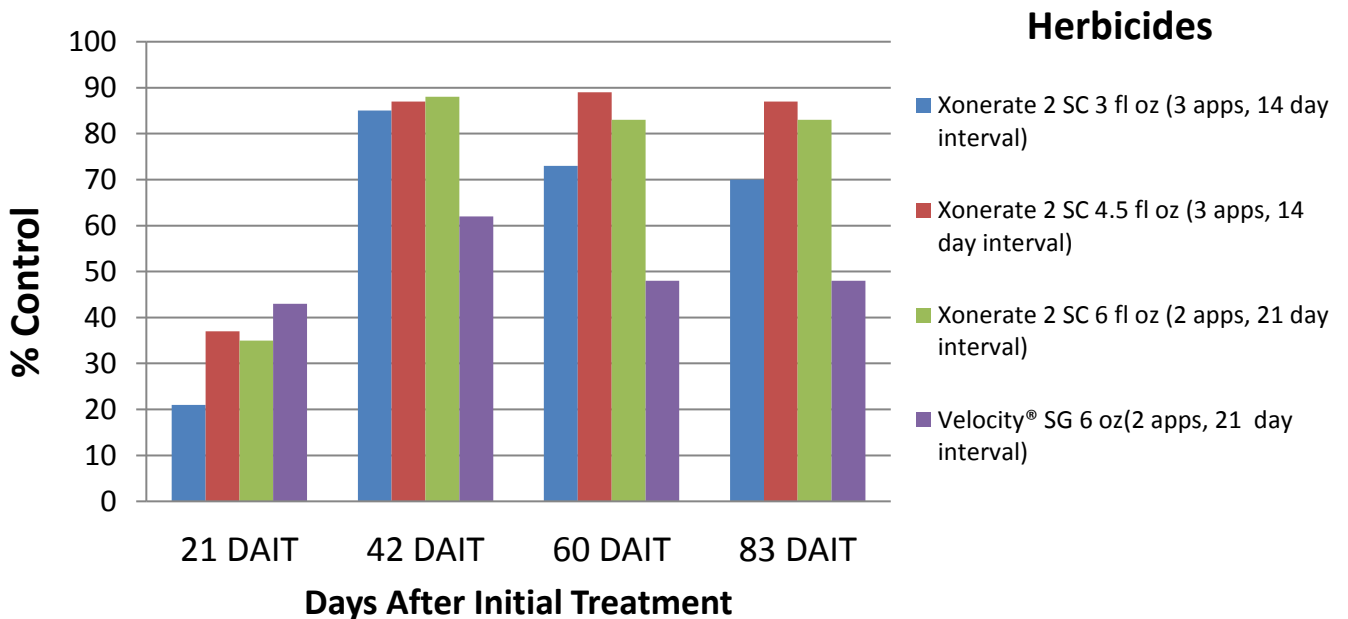
How Xonerate® 2SC Herbicide Works

- 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 *Poa annua* control in cool season turfgrasses. It provides removal of annual bluegrass (*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- Ohio State University 2017



Dr. D.Gardner, Ohio State University
 Initial application April 21, 2017
 Perennial Ryegrass – no injury



Key Benefits

- Convenient SC formulation
- Cost- effective
- Easy to mix
- No clogging
- Easy to measure
- The Only PSII herbicide labeled for *Poa annua* control in cool season turf



General Use Instructions

For postemergence control of *Poa annua*, apply Xonerate® 2SC Herbicide from 3.0 to 6.0 fl oz per acre, depending on turf type and as listed on the label. Reference product label for appropriate application temperature ranges. 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 *Poa annua* Use Recommendations Established Cool Season Turf

Site and Turfgrass Species	Rate	Application Intervals
Creeping Bentgrass (<i>Agrostis stolonifera</i>) Tees and Greens Surrounds	3 fl oz/A up to Four Applications	Make applications at 14 day intervals
Creeping Bentgrass (<i>Agrostis stolonifera</i>) fairways	3 fl oz/A up to Four Applications OR 6 fl oz/A Two Applications	Make applications at 14 day intervals
Kentucky Bluegrass (<i>Poa pratensis</i>)	3 fl oz/A up to Four Applications OR 6 fl oz/A Two Applications	Make applications at 14 day intervals
Tall fescue (<i>Festuca arundinacea</i>) Fine fescue (<i>Festuca spp.</i>) Perennial Ryegrass (<i>Lolium perenne</i>)	6 fl oz/A Two Applications	Make applications at 14-21 day intervals

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