WHAT IS XONERATE 2SC HERBICIDE?

With your reputation on the line lead with a product that provides consistent, long-lasting control. In University trials Xonerate 2SC Herbicide provided over 80% control of Poa annua 83 DAIT. The new formulation of Xonerate 2SC Herbicide delivers effective control of Poa annua and other weeds and annual grasses in cool season turfgrass. Choose Xonerate 2SC Herbicide for reliable and consistent control on golf courses, athletic fields, residential and commercial lawns, parks and sod.

HOW DOES XONERATE 2SC HERBICIDE WORK?

Xonerate 2SC Herbicide contains the active ingredient amicarbazone. This powerful active prevents electron transport which halts energy production causing cell membranes to leak resulting in dessication and cell death. Poa annua absorbs Xonerate 2SC Herbicide through roots and leaves, which causes plant tissue to turn chlorotic, beginning at the leaf margin and progressing through the entire plant.

"Our 30,000 ft² field was 20% covered with annual bluegrass. Xonerate 2SC reduced the annual bluegrass by 50%. We have great confidence in the product and will continue to treat the field with Xonerate 2SC.”

- Jeff Olszyk
  Facility Manager
  Players Development Academy
  Somerset, NJ

XONERATE 2SC HERBICIDE:

- Convenient, easy to mix formulation
- Chemical family: Triazolinone
- Mode of action: PSII inhibitor
- Plant uptake occurs through both roots and foliage

WEEDS CONTROLLED:

- Poa annua

LABELED USE SITES:

- Golf courses
- Athletic fields
- Residential and commercial lawns
- Parks and recreation areas
- Sod farms
GENERAL USE NOTES

Assess how much Poa annua you truly have and educate your membership and management on the potential for large, temporary voids in the desirable turf. Develop a plan to fill these voids with seed and encourage desirable turf to grow.

APPLICATION GUIDELINES:

- Spring applications are most effective. Temperatures should consistently be in the 55˚F - 85˚F range depending on your turf type. Do not apply on creeping bentgrass when temperatures exceed 80˚F.
- Ensure adequate soil moisture at time of application. If necessary, irrigate before application to eliminate moisture stress. To minimize the potential for injury to these grasses, irrigate in the early morning the day after application with 0.1 to 0.2 inches water.
- 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.
- Soil pH should be at or below 7.4. If soil pH is higher, solubility of amicarbazone increases, which may injure desirable turf. Since the product is more water soluble, this allows for quicker plant uptake.
- Pay careful attention to slopes that drain onto green surfaces. A buffer of at least five feet is recommended.
- Wait seven or more days after last application before re-seeding.

<table>
<thead>
<tr>
<th>Turf Type</th>
<th>Location</th>
<th>Use Rate</th>
<th>Interval</th>
<th># of Applications</th>
<th>Irrigate to Minimize Potential Injury</th>
<th>Air Temps (F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creeping Bentgrass</td>
<td>Fairways/ Tees</td>
<td>3 fl oz/A</td>
<td>14 Days</td>
<td>Up to 4</td>
<td>0.1 – 0.2 In. 2-4 Hours After Application</td>
<td>55˚-80˚</td>
</tr>
<tr>
<td>Perennial Ryegrass</td>
<td>Fairways/ Tees</td>
<td>6 fl oz/A</td>
<td>21 Days</td>
<td>2</td>
<td>0.1 – 0.2 In. 24 Hours After Application</td>
<td>55˚-85˚</td>
</tr>
<tr>
<td>Fescue/ Ryegrass</td>
<td>Roughs</td>
<td>6 fl oz/A</td>
<td>21 Days</td>
<td>2</td>
<td>0.1 – 0.2 In. 2-4 Hours After Application</td>
<td>55˚-85˚</td>
</tr>
<tr>
<td>Bluegrass</td>
<td>Roughs</td>
<td>3 fl oz/A</td>
<td>14 Days</td>
<td>3</td>
<td>0.1 – 0.2 In. 2-4 Hours After Application</td>
<td>55˚-85˚</td>
</tr>
<tr>
<td>Overseeded Bermudagrass</td>
<td>Fairways/ Roughs/ Tees</td>
<td>8 fl oz/A</td>
<td>14-21 Days</td>
<td>2</td>
<td>0.1 – 0.2 In. 2-4 Hours After Application</td>
<td>55˚-80˚</td>
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</tbody>
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