



### WHAT IS XONERATE<sup>®</sup> 2SC HERBICIDE?

Xonerate<sup>®</sup> 2SC Herbicide delivers effective postemergence control of tough weeds on warm-season turfgrass. This new and improved formulation of Xonerate Herbicide provides excellent control of tropical signalgrass, *Poa annua* and other annual weeds and grasses without harms your turf. Use Xonerate<sup>®</sup> 2SC Herbicide for a reliable and consistent formulation that fights the toughest weeds on golf courses, sports fields, residential and commercial lawns, parks and sod production farms.

### HOW DOES XONERATE<sup>®</sup> 2SC HERBICIDE WORK?

Xonerate<sup>®</sup> 2SC Herbicide contains the active ingredient amicarbazone. This powerful active prevents electron transport by binding to the D1 protein in PSII, which halts energy production resulting in cell and tissue loss. Target weeds, such as tropical signalgrass, absorb Xonerate<sup>®</sup> 2SC Herbicide through their roots and leaves, which causes plant tissue to brown, beginning at the leaf margin and progressing through the entire plant.

### WARM SEASON TURF

#### XONERATE<sup>®</sup> 2SC HERBICIDE:

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

#### WEEDS CONTROLLED:

- Tropical signalgrass
- *Poa annua*
- Crabgrass
- Waterhemp
- Kochia
- Lambsquarters

#### 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* or tropical signalgrass 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 through sod or sprigs and sound agronomics to encourage desirable turf to grow.

## APPLICATION GUIDELINES:

- For *Poa annua* control, apply in spring. For tropical signalgrass control, apply in September and October.
- 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.
- Ensure adequate soil moisture at time of application. If desirable turf is exhibiting signs of drought stress, do not apply until the desirable turf has recovered.
- Soil pH should be at or below 7.4. If soil pH is higher, solubility of amicarbazone increases, which may increase the risk of lateral movement. Risk of injury to desirable turf may also increase since the product is more water soluble, which 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 days after last application before re-seeding.

### TROPICAL SIGNALGRASS APPLICATION RECOMMENDATIONS

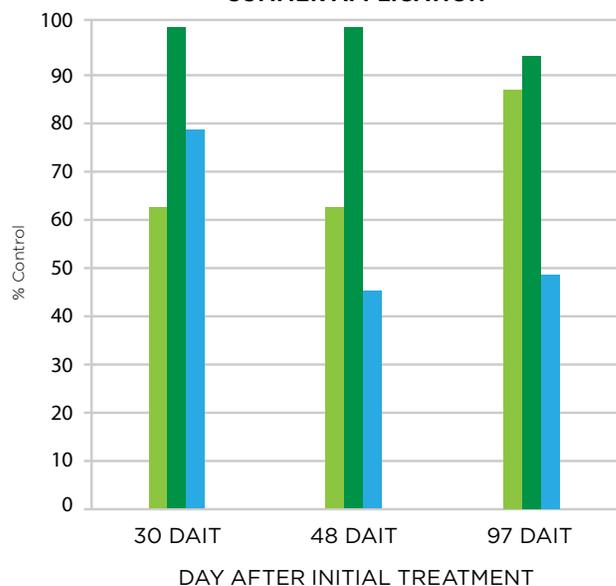
Turf Type	Use Rate	Tank-Mix Partner	Use rate	Interval	# of Applications
Bermudagrass	14.5 fl. oz./A	Dismiss® South Herbicide	7.2 fl. oz./A	14 days	2
Seashore Paspalum	14.5 fl. oz./A	N/A	N/A	14 DAYS	2

### POA ANNUA APPLICATION RECOMMENDATIONS

Turf Type	Location	Use Rate	Interval	# of Applications	Air Temps (F)
Bermudagrass	Fairways/ Tees/Roughs	9 fl. oz./A	14-21 Days	2	N/A
Overseeded Bermuda Grass - Ryegrass	Fairways/ Tees/Roughs	9 fl. oz./A	14-21 Days	2	55°-80°
Seashore Paspalum	Fairways/ Tees	9 fl. oz./A	14-21 Days	2	N/A

Always read and follow all label directions, restrictions and precaution for use. Some products may not be registered for sale or use in all states. Princep and Tenacity are trademarks of Syngenta Group Company. FMC, the FMC logo and True Champions are trademarks or service marks of FMC Corporation or an affiliate. ©2022 FMC Corporation.

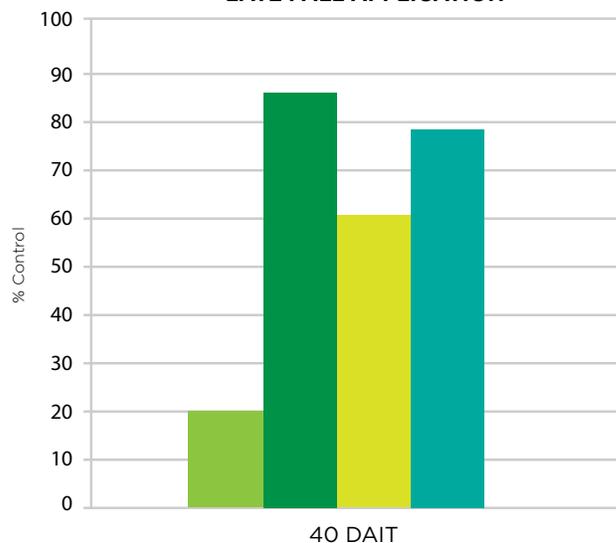
### TROPICAL SIGNALGRASS CONTROL - SUMMER APPLICATION



Dr. B. McCarty  
Clemson University-Site in Florida  
Initial Application applied October 20, 2016  
Follow up Applied November 3, 2016  
Rates per acre

- Xonerate® 2SC Herbicide + Dismiss® South Herbicide 9 + 7.2 fl. oz./A
- Xonerate® 2SC Herbicide + Dismiss® South Herbicide 14 + 7.2 fl. oz./A
- Tenacity® Herbicide + Princep® Herbicide 8 + 25 fl. oz./A

### TROPICAL SIGNALGRASS CONTROL - LATE FALL APPLICATION



Dr. B. McCarty  
Clemson University-Site in Florida  
Initial Application applied October 20, 2016  
Follow up Applied November 3, 2016  
Rates per acre

- Xonerate® 2SC Herbicide 9 fl. oz./A (two app)
- Xonerate® 2SC Herbicide 14.5 fl. oz./A (two app)
- Xonerate® 2SC Herbicide + Dismiss® South Herbicide 9 oz. + 7.2 fl. oz. (two app)
- Xonerate® 2SC Herbicide + Dismiss® South Herbicide 14.5 + 7.2 fl. oz. (two app)

**XONERATE® 2SC**  
HERBICIDE

FMC  
**TRUE CHAMPIONS**  
FMC