



*"I use Dismis<sup>®</sup> South because I've found it to be a very effective product."*

Andrew Jordan  
CGCS  
Pinebrook Ironwood Golf Course  
Bradenton, FL

### WHAT IS DISMISS<sup>®</sup> SOUTH HERBICIDE?

Dismis<sup>®</sup> South is a specially formulated pre-mix herbicide for better control against purple nutsedge in warm-season grasses. This formulation goes beyond attacking the weed at the surface and controlling sedge tubers. This works to help prevent future outbreaks, reducing the need for re-treats down the line.

### HOW DOES DISMISS<sup>®</sup> SOUTH HERBICIDE WORK?

Sulfentrazone is a postemergence herbicide that is classified as a protox inhibitor which acts in the chlorophyll biosynthesis and ultimately disrupts membrane synthesis. Imazethapyr controls weeds by inhibiting the enzyme acetolactate synthase (ALS). Inhibiting ALS prevents the formation of branched-chain amino acids isoleucine, leucine, and valine. This inhibition causes a disruption in protein synthesis which, in turn, leads to an interference in DNA synthesis and cell growth.

### DISMISS<sup>®</sup> SOUTH HERBICIDE

- Superior control and enhanced efficacy against Purple Nutsedge
- Visible Results in 24 hours
- Strong defense against future breakouts by controlling sedge tubers
- Formulated pre-mix of Imazethapyr + Sulfentrazone

### WEEDS CONTROLLED:

- Purple Nutsedge
- Yellow Nutsedge
- Green Kyllinga
- Tropical Signalgrass

### LABELED USE SITES:

- Golf Courses (fairways and roughs)
- Athletic fields
- Residential & Commercial institutional lawns

## GENERAL USE NOTES

Dismiss® South is a selective post-emergent herbicide which controls annual grasses, broadleaf weeds and sedges. Dismiss® South is formulated as a flowable suspension concentrate) absorbed by both weed roots and foliage. Application of Dismiss® South requires soil moisture for activation. The amount of moisture for activation following application depends on existing soil moisture, organic matter content and soil texture.

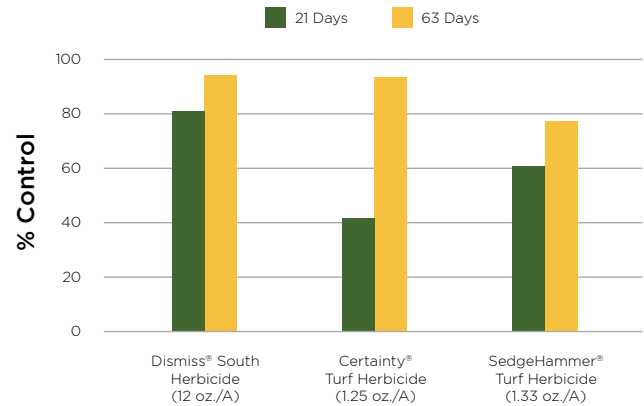
## APPLICATION GUIDELINES:

- For best results, apply alone or in combination with other herbicides when adequate moisture for soil activation.
- Multiple applications are recommended 14 days apart.
- This product can be used on seeded, sodded or sprigged turfgrasses that are well established.
- First application of this product can be made following the second mowing providing the turfgrass has developed into a uniform stand with a good root system.
- **For power sprayers:** Uniform and accurate spray coverage requires calibration and operation of spray equipment. The use of marker dyes or foams can improve application accuracy. Boom sprayers equipped with appropriate flat fan nozzles, tips and screens are ideal for broadcast applications.
- **For hand operated sprayers:** Backpack and compression sprayers are appropriate for small turfgrass areas and spot treatments. Wands fitted with a flat fan nozzle tip should be held stationary at the proper height during application. A side to side or swinging arm motion can result in uneven coverage.

Grass Type	Maximum Use Rate		
	oz/1,000 sq ft	oz/A	lbs ai/A
<b>Warm Season Grasses</b>			
Bahiagrass Bermudagrass & hybrids Buffalograss Centipedegrass Kikuyugrass Zoysiagrass	0.22 - 0.331	9.5 - 14.1	0.29 - 0.45

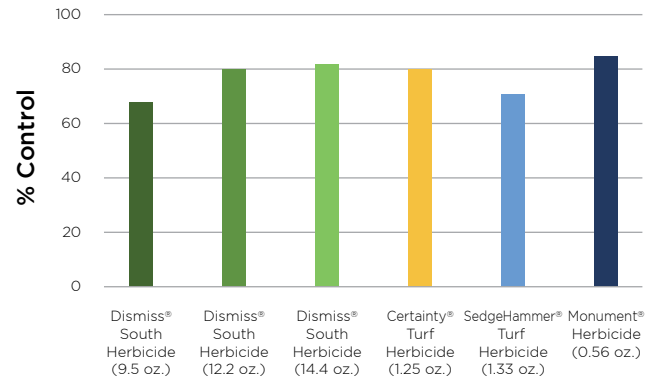
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## Faster Control and Longer Residual of Purple Nutsedge



B. McCarty, Ph.D., Clemson University  
Initial Applications - August 7, 2009

## Purple Nutsedge Control 58 DAT



B. Brecke, Ph.D., Weed Science  
University of Florida, IFAS Research  
August 21, 2008

**DISMISS® SOUTH**  
HERBICIDE

FMC  
**TRUE CHAMPIONS**  
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