

# Xzemplar<sup>®</sup>

Fungicide

# Xzemplar Fungicide

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- How it works
- Rates
- Preventative control
- Curative activity

# How it Works

# Xemplar Fungicide

## Key Benefits



### Controls Toughest Disease



Excellent control of dollar spot

### A Great Fairway Value



Long lasting control coupled with a fairway price

### Activity



Quick Acting Preventative and Curative control of labeled pests

### Next Generation Carboximide Technology

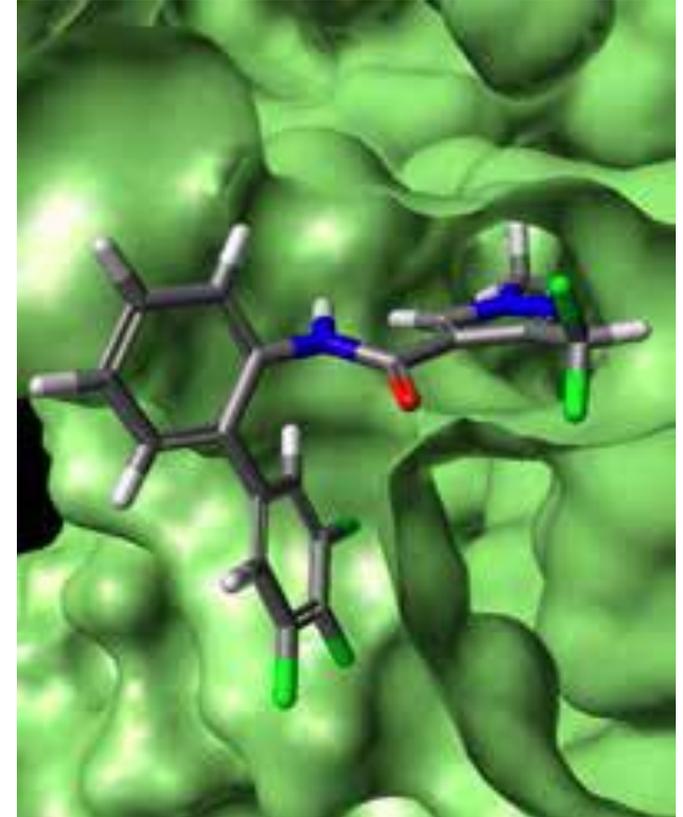


With enhanced systemic properties - low a.i.

# New Chemistry: A good thing for our industry

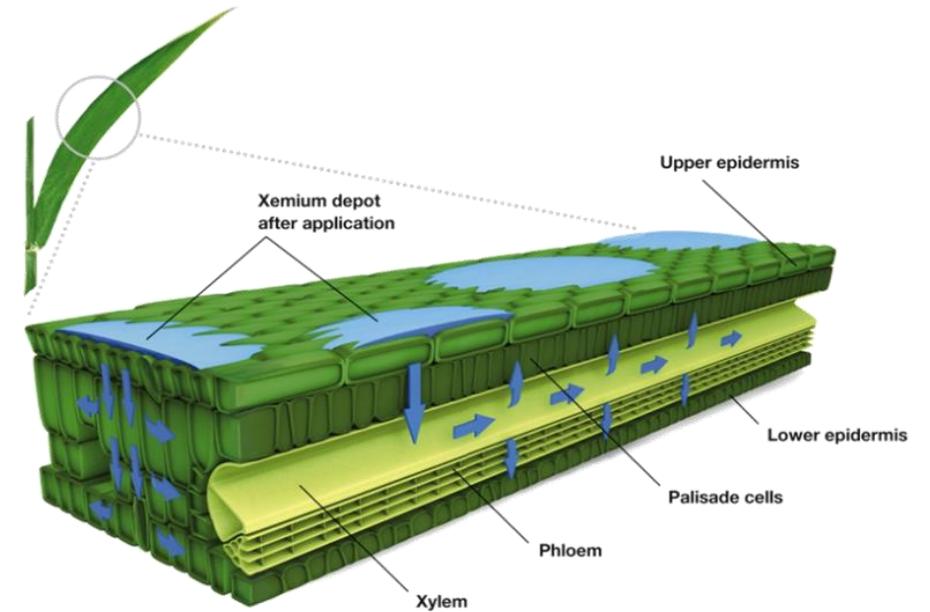
- Faster, longer-lasting control
- Rotation is critical
  - New Carboximide technology
  - Resistance Management: Always on our minds

*“When failure is simply not an option”*



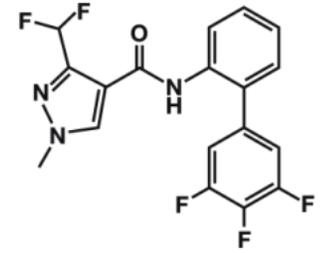
# What is Xemium®?

- Active: Fluxapyroxad
- Blocks respiratory complex II-SDHI
- Disrupts the energy supply and biosynthesis of fungal building blocks
- Active is redistributed from waxy layer to other areas of the plant
- Ensures long lasting curative and preventative control of labeled pests



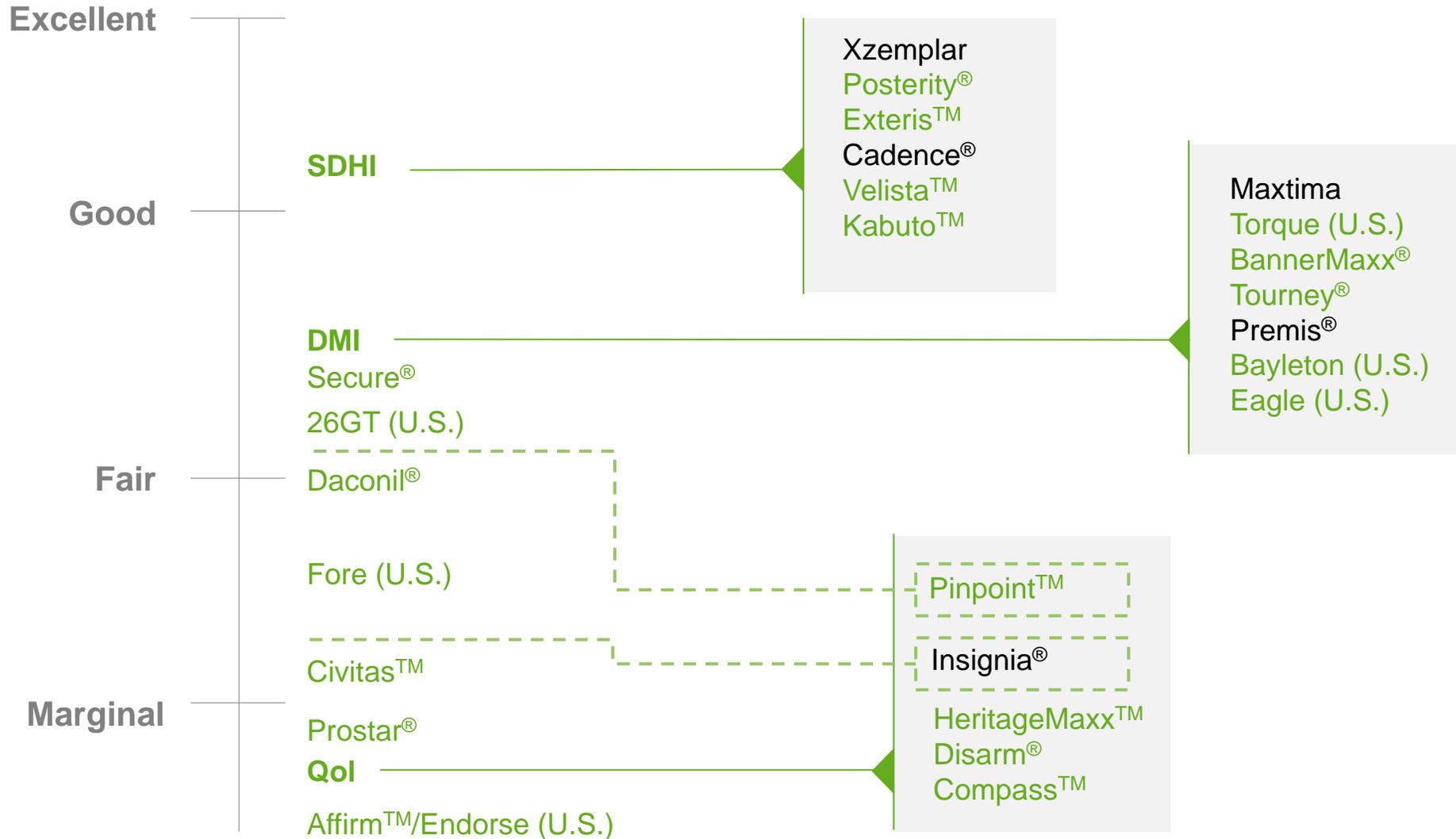
# Rates

# The Product



- **Active ingredient:** fluxapyroxad (300 g/L)
- **Formulation:** SC (suspension concentrate)
- **Rates:**
  - 6.7 mL/100 m<sup>2</sup> (14 – 21 Day control)
  - 8.3 mL/100 m<sup>2</sup> (21 – 28 Day control)
  - When using the Low rate, target 14 days for dollar spot control
- **Packaging:** 2 X 2.02 L container. Each container delivers 6 acres at the high labeled rate of 8.3 mL/ 100 m<sup>2</sup>

# Ranking modern fungicides for dollar spot control



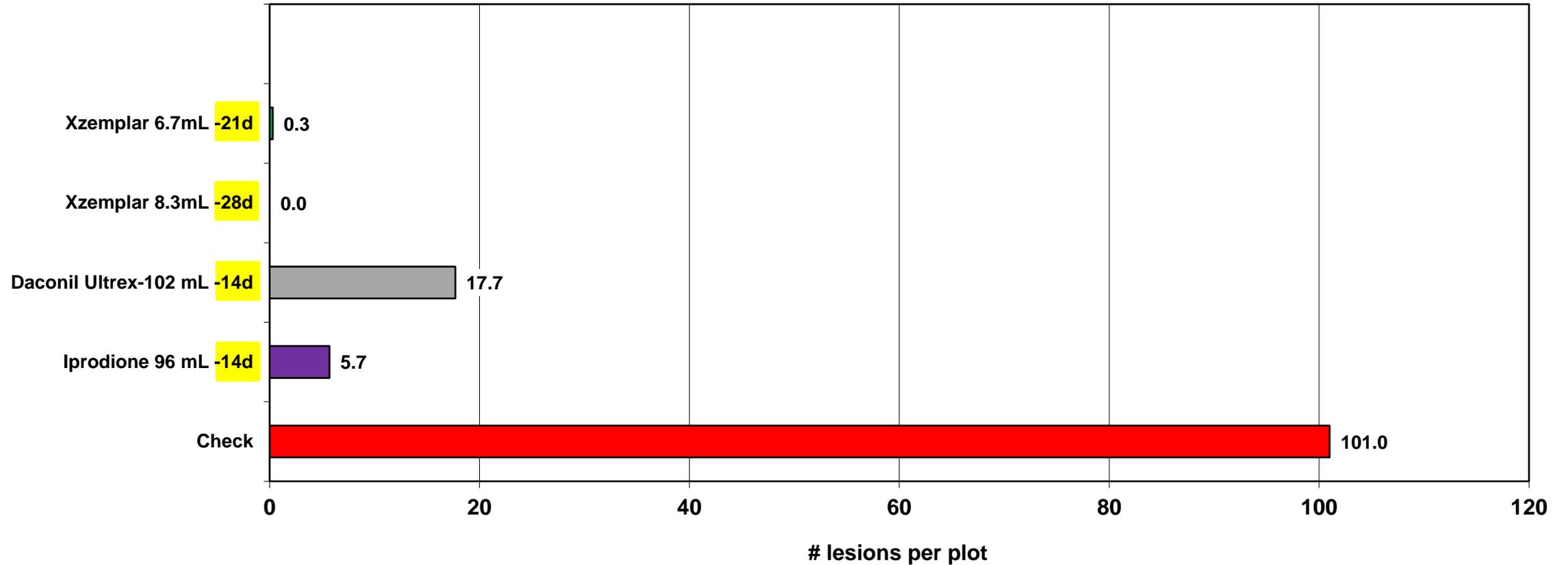
# Preventative control

# Preventative Control



Rutgers University - 2013

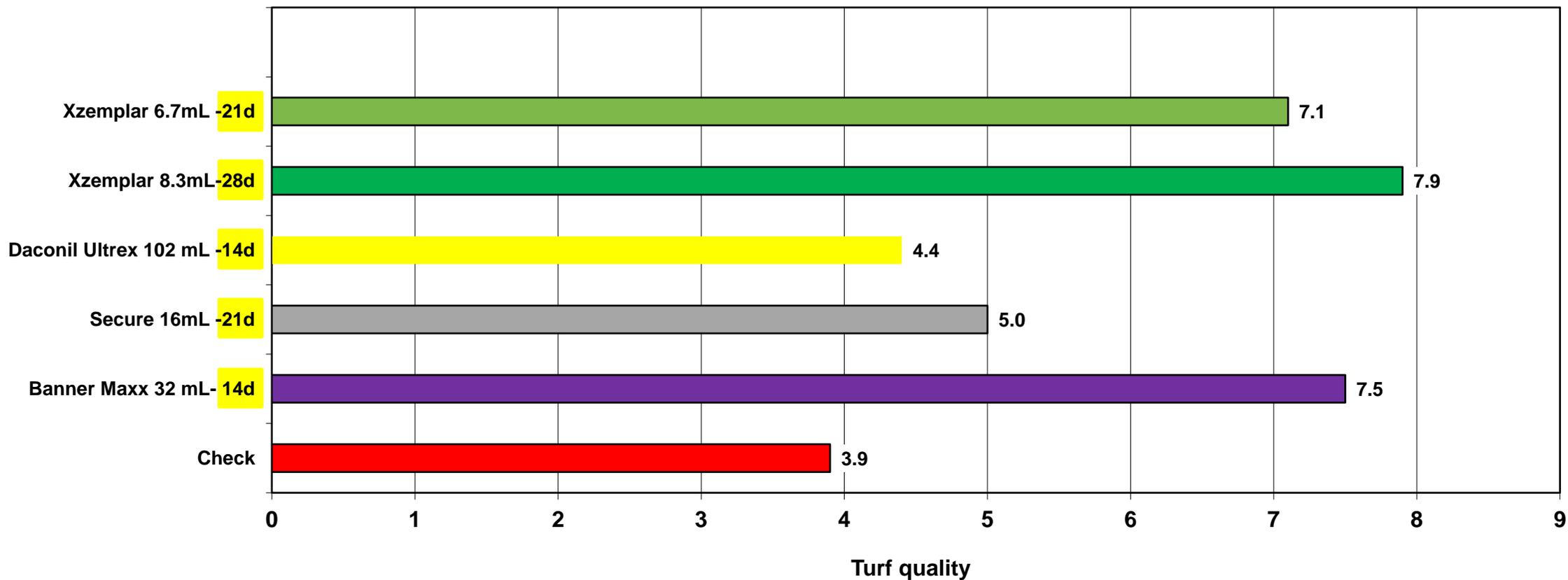
## Preventive dollar spot control on a bentgrass fairway. PSU, 2013.



Note the spray interval differences

Final applications were on 8/22 except 21-d was on 8/15

# Preventive dollar spot control on a bentgrass fairway. Turf quality at year end. MSU, 2013.



Note the spray interval differences

Final applications were on 8/22 except 21-d was on 8/15

## Purdue Field Day July 9, 2019



21 day trial, 2 applications  
Pictures taken day 23 after 2<sup>nd</sup> application

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# Curative activity

# Xzemplar Fungicide - Curative Activity

Holly Springs, NC 2011



Untreated  
80 spots



Xzemplar  
42 spots

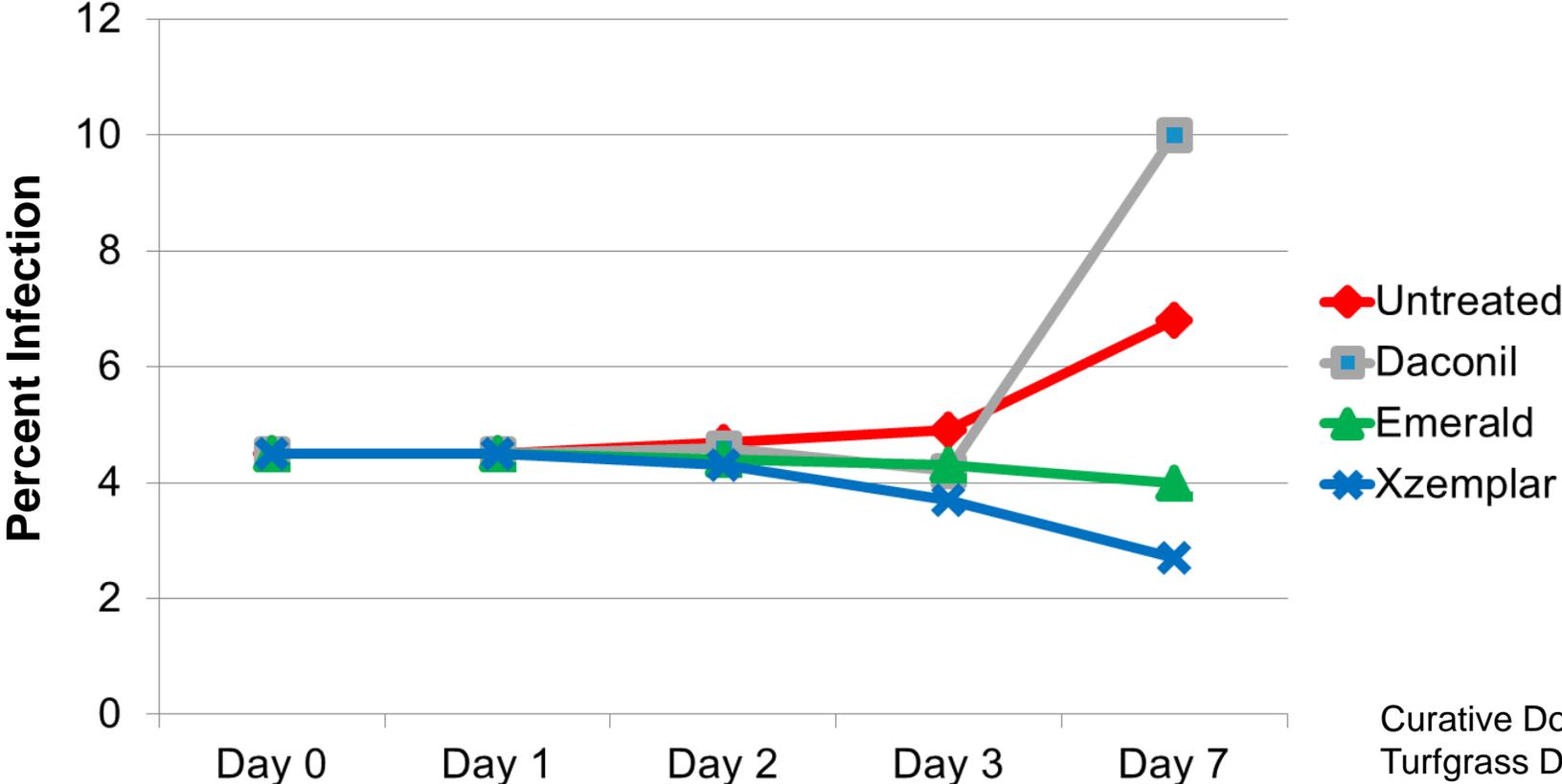


Cadence  
52 spots

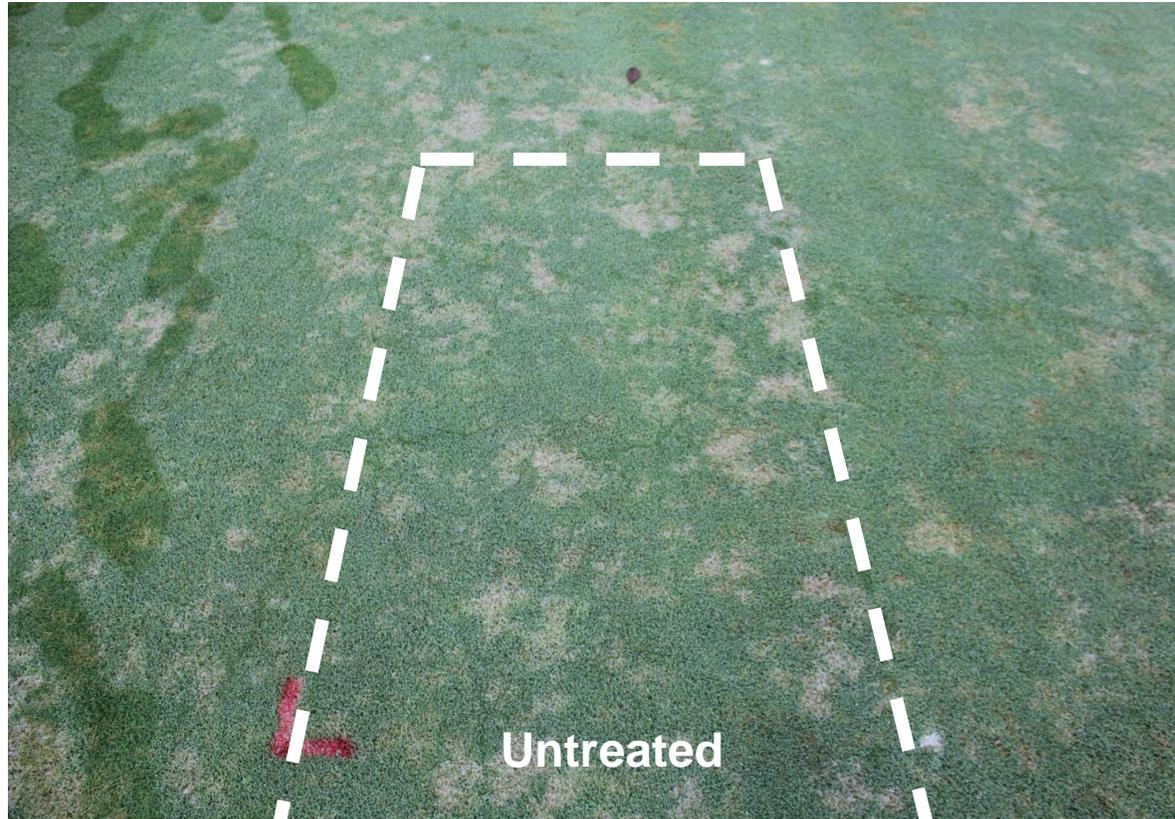


Daconil Weatherstik  
86 spots

# Xzemplar Fungicide - Curative Activity

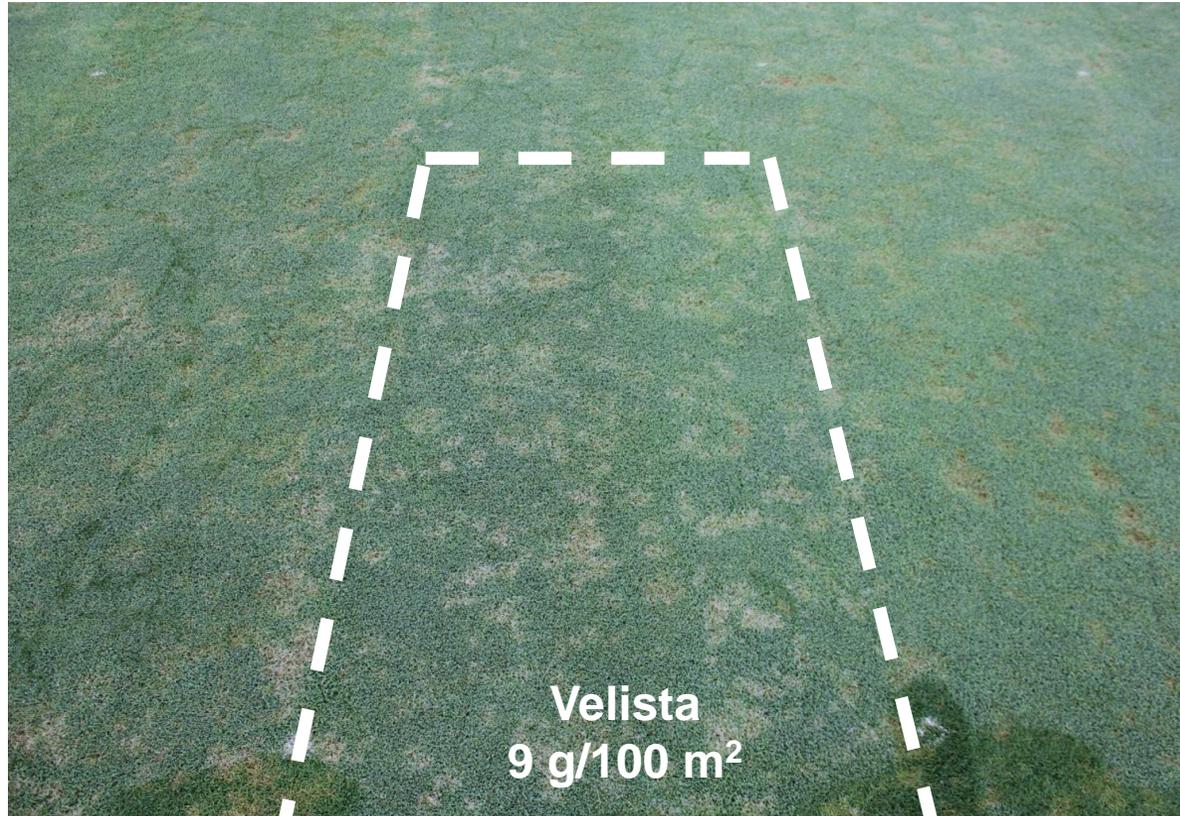


Curative Dollar Spot Control  
Turfgrass Disease Solutions, 2011



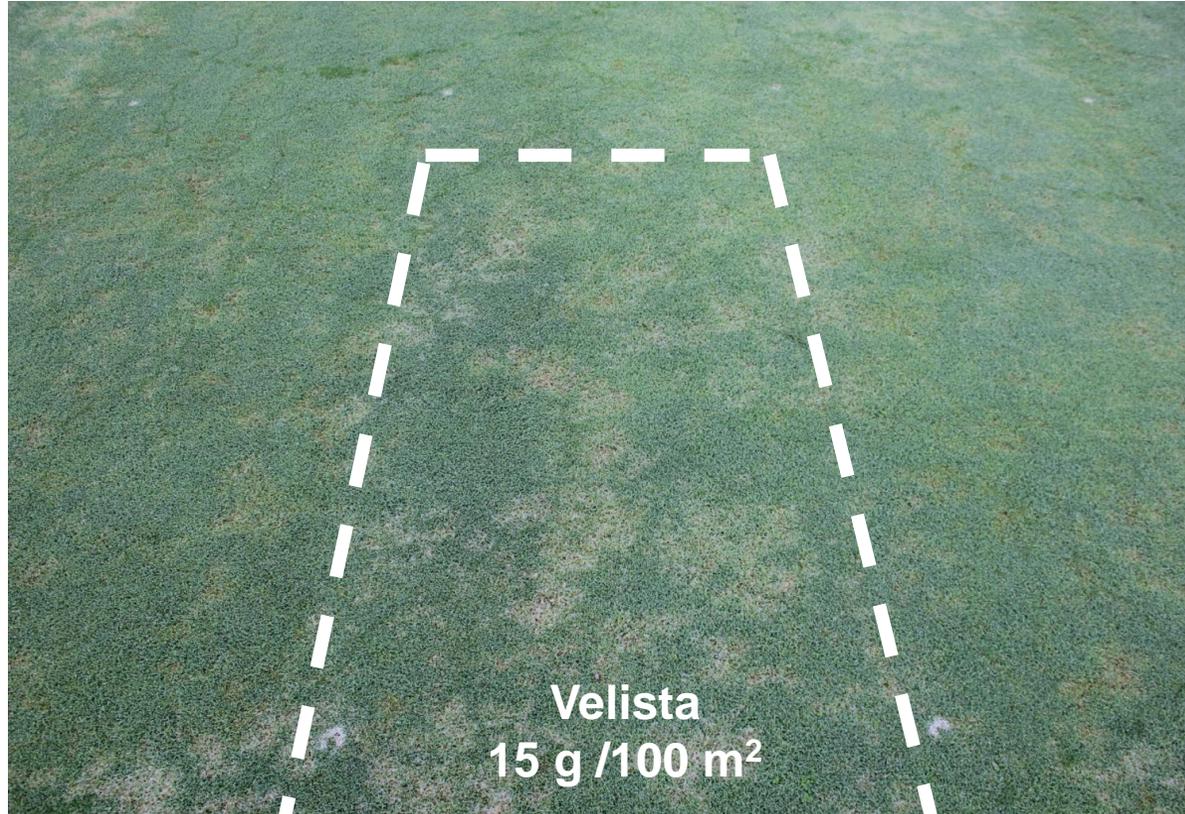
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University of Conn, Storrs CT



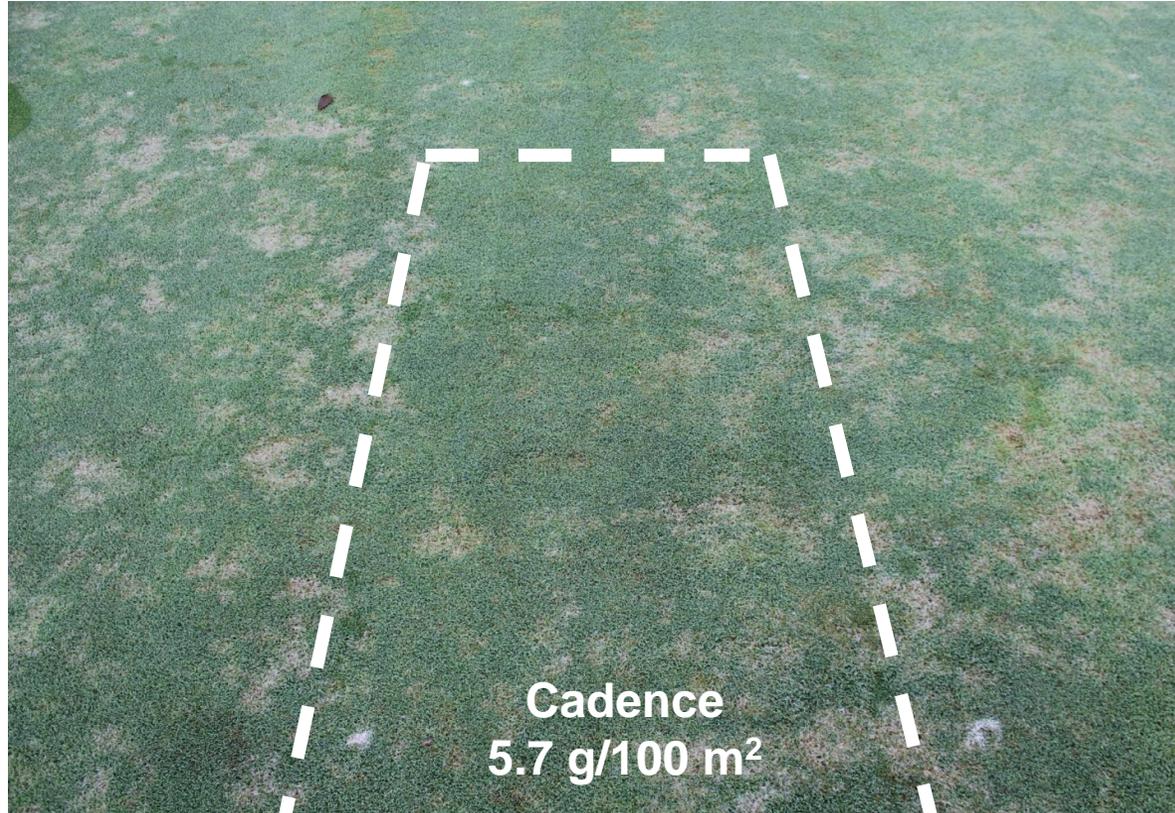
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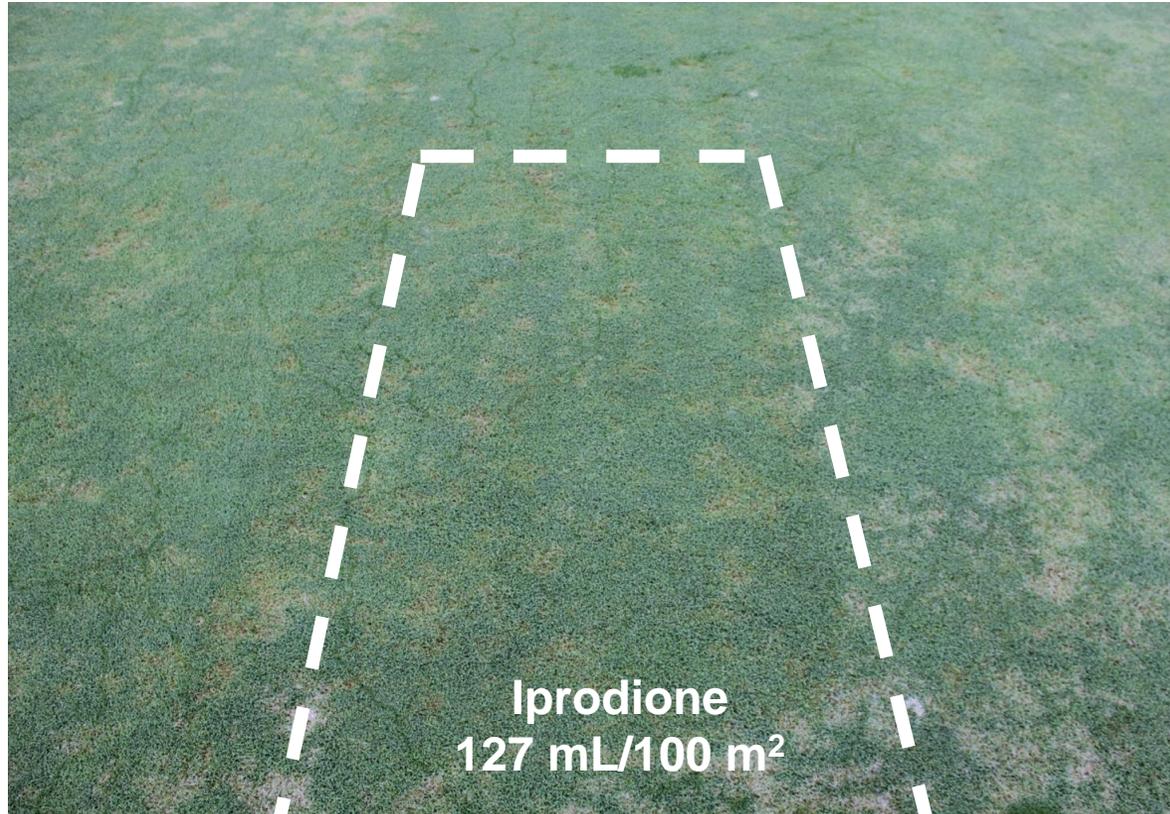
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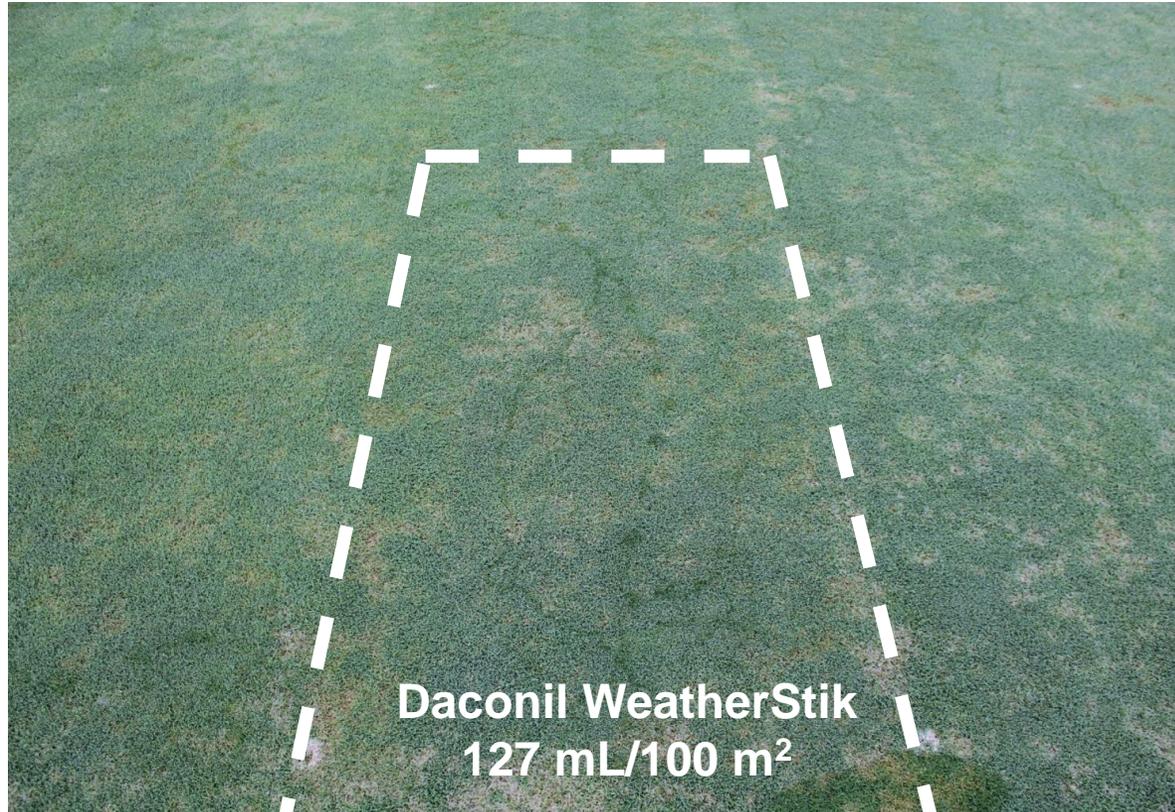
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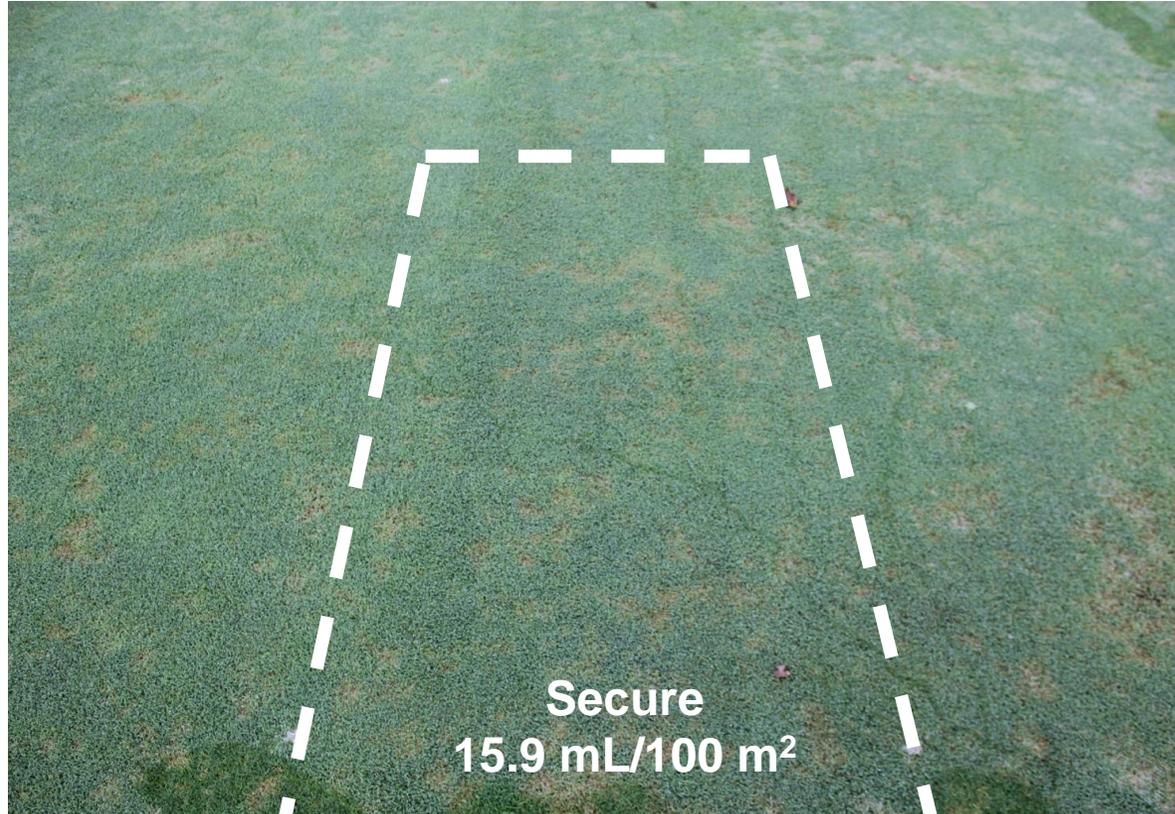
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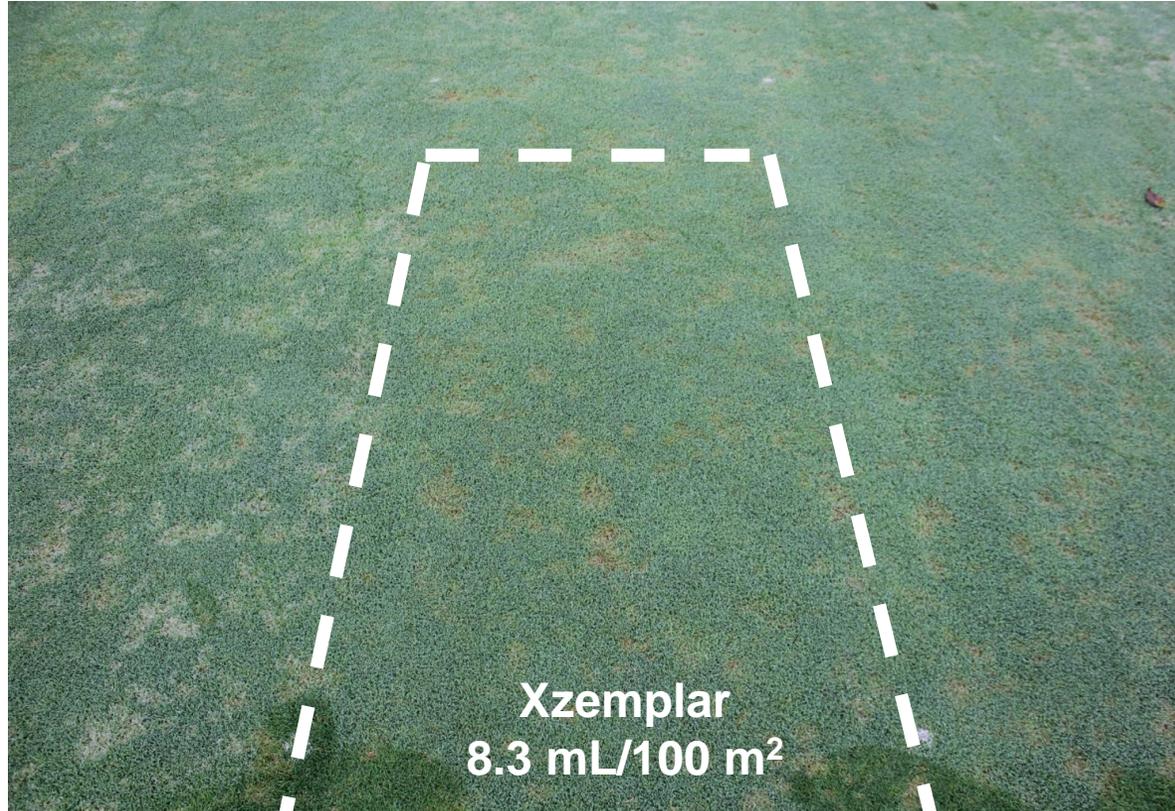
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# Xzemplar<sup>®</sup>

Fungicide

Take control fast with Xzemplar<sup>®</sup> fungicide –  
the most consistent dollar spot product on the market.

**Always read and follow label directions.**

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We create chemistry