

# WHEN YOU CAN PROTECT YOUR FAIRWAYS LIKE YOUR GREENS, YOU'LL GET RAVE REVIEWS.

Golf's leading fungicide, Secure<sup>®</sup>, is now even better. Secure<sup>®</sup> Action<sup>™</sup> fungicide includes a boost of *acibenzolar-S-methyl* (ASM), to better mitigate and quickly recover from biotic and abiotic stress. With an enhanced formulation of a trusted multi-site contact fungicide, it offers improved dollar spot control and brings the ASM defense to fairways and greens, providing inside-out turf protection for your entire course.

 **Secure<sup>®</sup> Action<sup>™</sup>**  
Fungicide

syngenta<sup>®</sup>

## Exceptional Disease Control for Enhanced Turf Performance



### INCREASED DISEASE CONTROL

- ASM boosts turf's natural defenses against disease
- Increases dollar spot control interval up to 21 days
- Adds suppression of bacterial wilt to the label for effective control of more than 10 key diseases



### ULTIMATE RESISTANCE MANAGEMENT



### INSIDE-OUT PROTECTION

- Contact and systemic modes of action
- Attacks pathogens at multiple sites versus a single site, resulting in a very low risk of resistance development
- Often controls dollar spot strains found to be resistant to other chemistries
- Excellent rotation partner with Daconil® Action™ and Posterity® fungicides



### QUICKER RECOVERY & ENHANCED TURF QUALITY

- Improved disease, drought and heat tolerance means more consistent turf quality and quicker recovery from symptoms of stress



### ENHANCED DROUGHT TOLERANCE



### REDUCED WILTING



### INCREASED HEAT TOLERANCE

- ASM helps the plant regulate its stomata to control water vapor release and reduce uncontrolled water loss
- Better water management improves heat tolerance and avoids wilting
- Stimulates production of natural proteins to protect cells from damaging heat
- Enhances the production of enzymes used for photosynthesis

## Use Recommendations

Secure Action provides flexibility with up to 12 applications per year and has an expanded label featuring 14-21 days of dollar spot control plus bacterial wilt suppression.

DISEASE	RECOMMENDED RATE	AS PART OF AN AGRONOMIC SOLUTION
Dollar Spot	21.8 fl. oz./A or 0.5 fl. oz./1,000 ft. <sup>2</sup>	Apply preventively on a 14- or 21-day interval when conditions become favorable for disease.  If dollar spot pressure is high, rotate or tank mix with Posterity fungicide.
Bacterial Wilt Suppression	21.8 fl. oz./A or 0.5 fl. oz./1,000 ft. <sup>2</sup>	For suppression of bacterial wilt on bentgrass and <i>Poa Annua</i> greens, apply Secure Action in a seasonal program with Daconil Action or Heritage® Action™ fungicides.

### SECURE ACTION ALSO HELPS CONTROL:

- Brown patch
- Leaf spot
- Large patch
- Red thread
- Anthracnose
- Snow mold
- Pink patch
- Stem rust
- Algal scum

For specific recommendations, visit [GreenCastOnline.com/Programs](https://www.greencastonline.com/Programs)

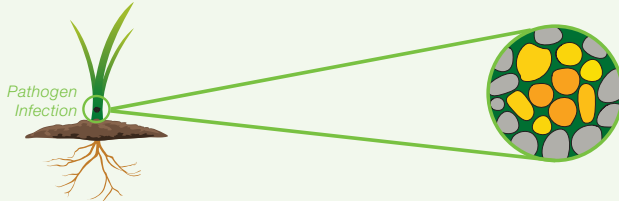
FLUAZINAM	GROUP	29	FUNGICIDE
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ACIBENZOLAR-S-METHYL	GROUP	P01	FUNGICIDE
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## Season-Long Action for Your Whole Course

With advanced technology built on a foundation of Heritage Action and Daconil Action, Secure Action further extends the power of the Action brands to the whole course. Research has shown that ASM works best when used throughout the entire season. Rotating Secure Action with Daconil Action or Heritage Action fungicides provides drought mitigation, improved disease control, and the ability to recover from abiotic stress for the entire course all season.

The ASM in all Action products is proven to help condition turf to perform at its best, defend against disease and recover quickly from biotic and abiotic stress for optimal turf quality and playability.



Infection triggers several responses including hypersensitive response (cell death).

The plant accumulates salicylic acid to confine the infection and signals to the rest of the unaffected plant that an infection is present.



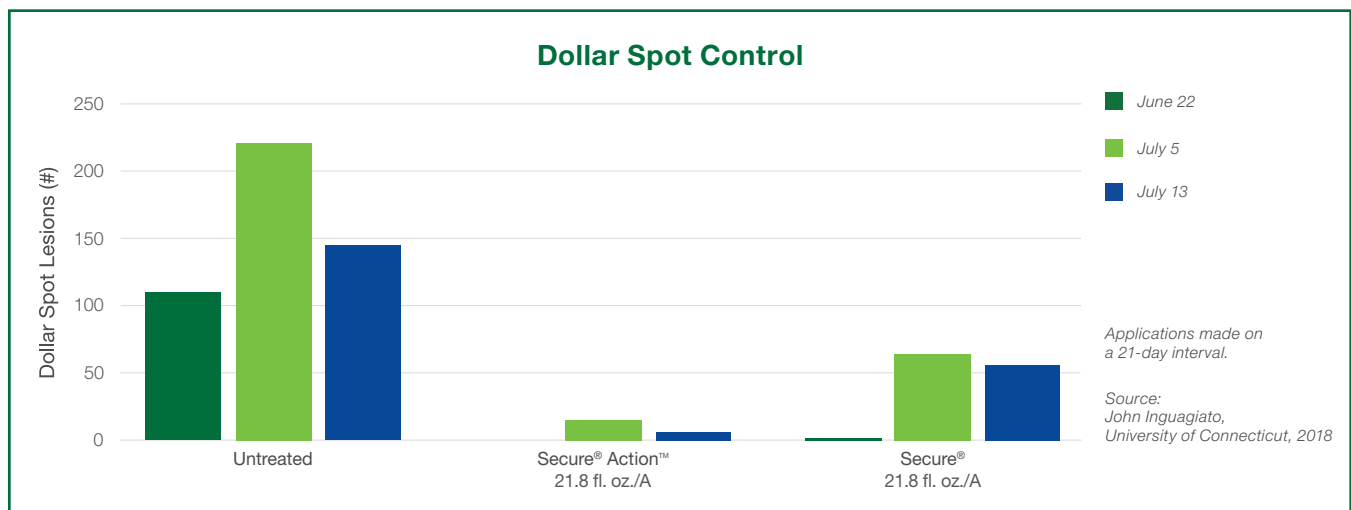
The salicylic acid pathway signals the production of PR proteins to help resist the pathogen.

The ASM in Secure Action activates a plant's natural defense against disease **before a pathogen is present** by triggering the salicylic acid pathway and protein production in advance of infection.

## Take Action to Control Dollar Spot and Abiotic Stress

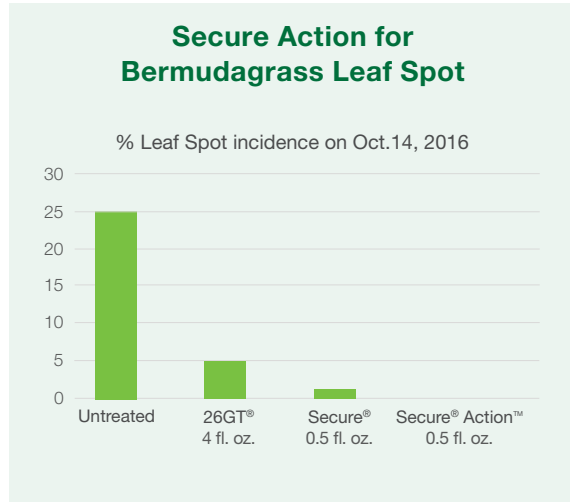


Applications made on a 21-day interval.  
Photos taken July 11, 2018. Source: Rick Latin, Purdue University, 2017.

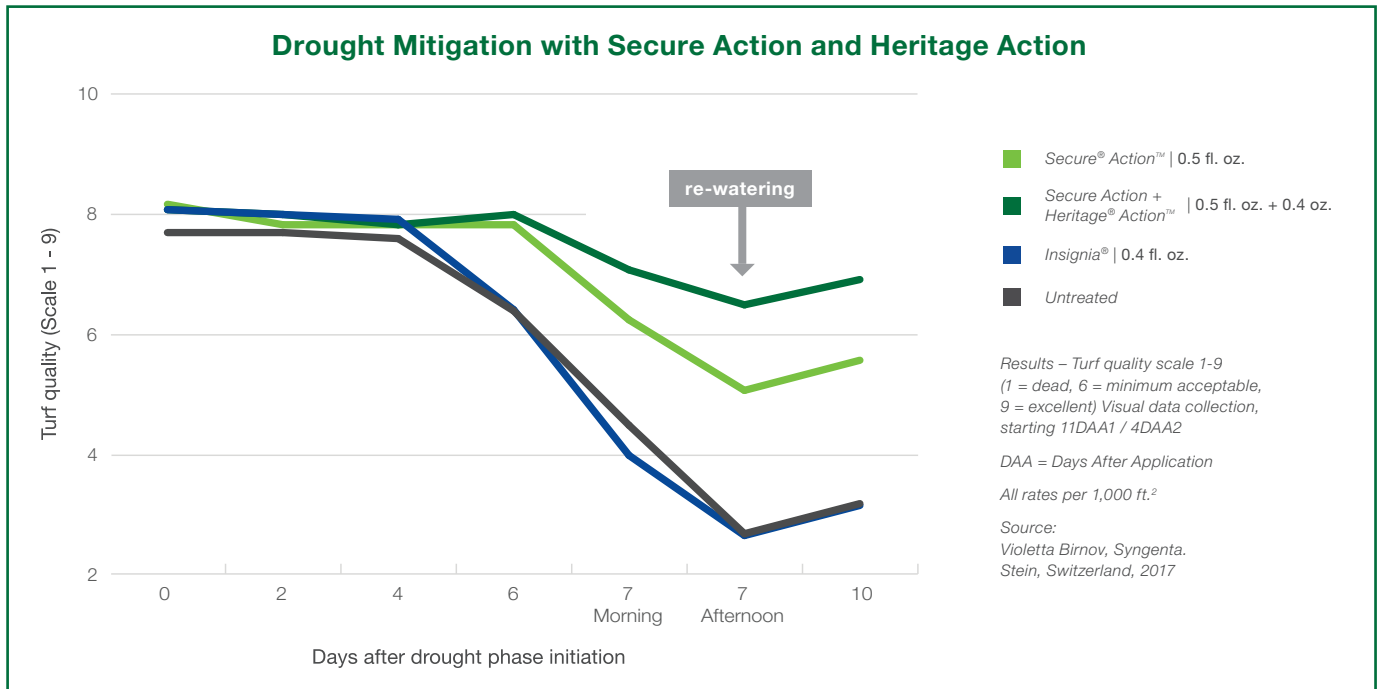




Curative application made June 29, 2018. Photos taken July 13, 2018. 14 days after treatment.  
 Source: Mike Mulhare, White Manor Country Club practice area, Malvern, Pennsylvania.  
 Treated plot is a practice area with frequent divots, yet still shows recovery from disease with Secure Action.



All rates per 1,000 ft.<sup>2</sup>. Treatments applied on 14-day interval beginning Sept. 1, 2016. Trial conducted on MiniVerde® bermudagrass.  
 Source: Maria Tomaso-Peterson, Mississippi State University.



For more information and additional trial data, please visit [GreenCastOnline.com/SecureAction](http://GreenCastOnline.com/SecureAction)

  @SyngentaTurf #Time4SecureAction



Performance assessments are based upon results or analysis of public information, field observations and/or internal Syngenta evaluations. Trials reflect treatment rates commonly recommended in the marketplace.

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LGC 8624B 01-2019