

# THE COLOR YOU WANT. THE CONTROL YOU NEED.

Appear® II fungicide enhances control of key diseases like *Pythium* and anthracnose while improving stress tolerance and turf quality. Appear II has been proven to consistently improve the performance of fungicide treatments, especially disease control and turf quality. On the inside, a phosphite fungicide is immediately available and quickly absorbed by the plant in its most active form.

On the outside, a unique pigment provides a deep, natural green color that results in enhanced turf quality. Additionally, Appear II is designed for easy tank mixing with Daconil® Action™ or Secure® Action fungicides to enhance golf course agronomic programs.



Swatch comparison photos: Summer bentgrass decline study  
Source: Dr. Brandon Horvath, University of Tennessee, 2018

 **Appear® II**  
Fungicide

**syngenta.**



### QUICKER RECOVERY AND STRESS TOLERANCE

- Improved formulation reduces the amount of UV light that penetrates and harms plant cells
- Quickly absorbed to help improve a plant's natural defense system and stimulate quicker recovery from abiotic stress



### RESISTANCE MANAGEMENT

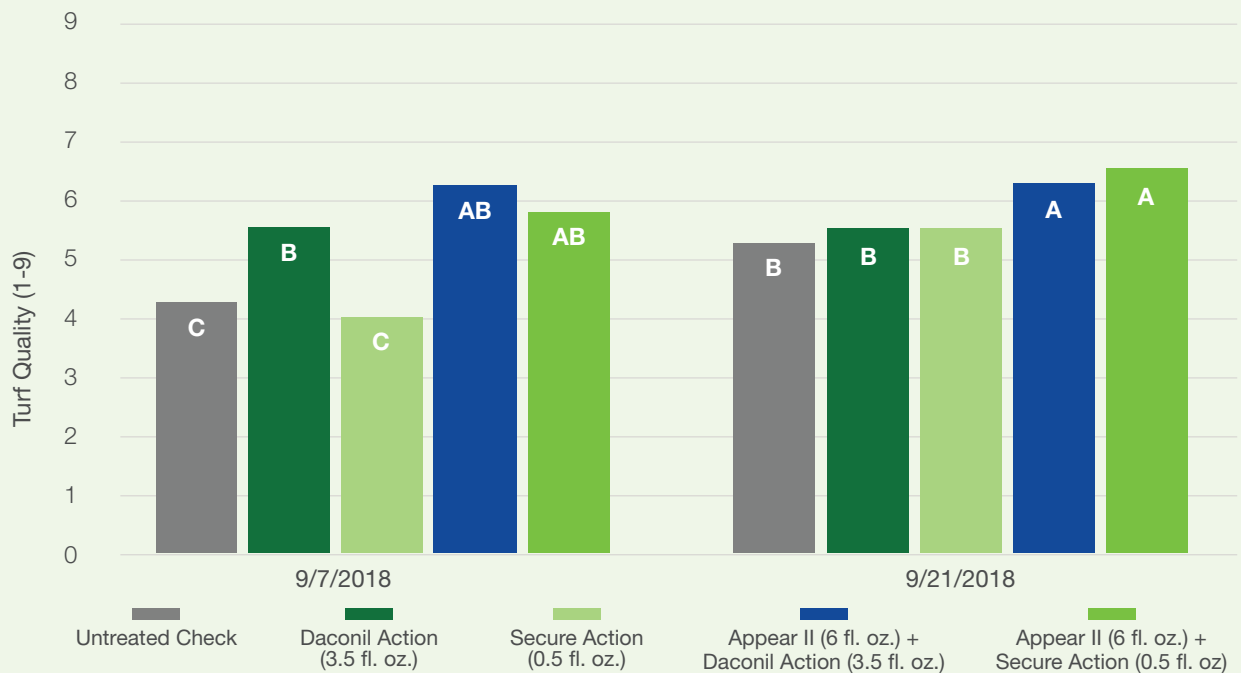
- Contains a truly systemic mode of action with no known resistance in turfgrass pathogens
- Ideal for use with a variety of other fungicides as part of a resistance management strategy in an agronomic program
- Protects turf inside and out



### ENHANCED TURF QUALITY AND SPRING GREEN-UP

- Increased pigment load provides deep, natural green color and helps protect turf from abiotic stress
- Fall and winter applications protect turf and accelerate spring green-up
- Features a pH neutral formulation, which is rapidly absorbed and offers excellent compatibility with other products

## Improved Turf Quality Amid Bermudagrass Decline



Source: Dr. Maria Tomaso-Peterson, Mississippi State University. Application dates: September 4 and 18, 2018. All rates per 1,000 ft<sup>2</sup>.

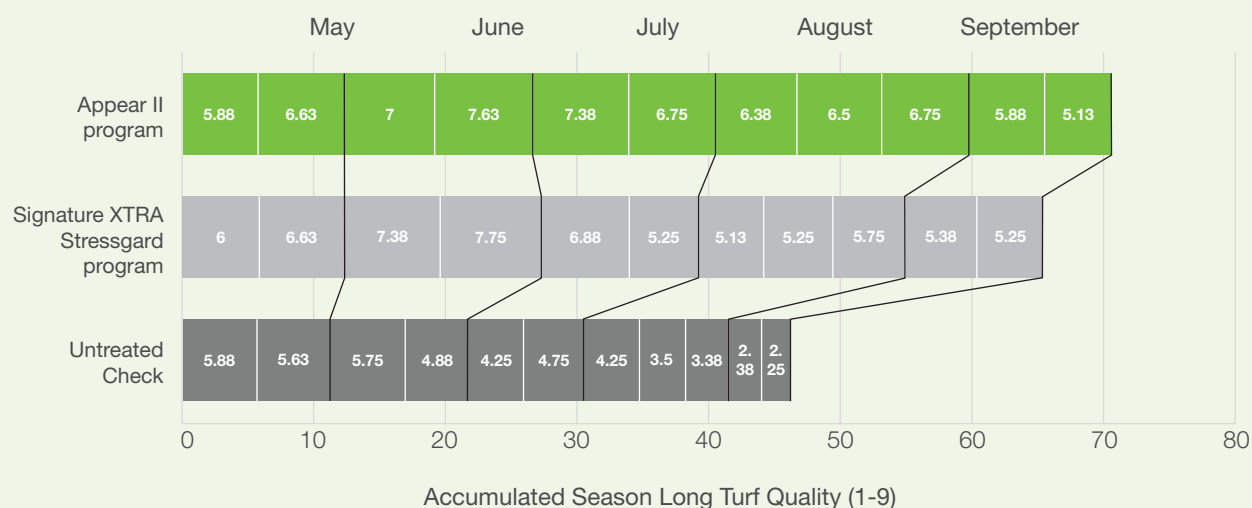


*When I added Appear II to Daconil Action or Secure Action, it **really improved disease control and turf quality**. It had a **fantastic, natural green color** and maintained turf density throughout the season. It showed an overall increase in turf quality compared to standard treatments and showed 99% disease control in my trials. It's the **best fungicide combination I've ever used.***

– Travis Teuton, Ph.D.,  
Research Director, Southeastern Turfgrass Research Center, Anthony, Florida

## Season-Long Turf Quality of Creeping Bentgrass

Using Apear II as part of an agronomic program enhances disease control and improves turf quality throughout the season.



**In this trial, the Apear II program had an average turf rating of 6.54 and the Signature XTRA Stressgard program had an average of 6.06.**

Source: Dr. Lee Miller, University of Missouri, 2018. Phosphonate comparison study on creeping bentgrass greens. The only program variable was the inclusion of Apear II or Signature™ XTRA Stressgard®. Data indicates turf quality scoring each month to show the progression of overall turf quality during a season-long agronomic program. Applications were made on 14-day intervals.

### Increased Disease Control

Research shows consistently increased control and enhanced turf quality when Apear II is added to existing fungicide programs. Including preventive applications of Apear II improves control of the following diseases:

- *Pythium* blight
- *Pythium* root rot
- Summer stress
- Anthracnose
- **Bermudagrass decline and take-all root rot\***
- **Bermudagrass leaf spot\***
- **Pink snow mold (not under snow cover)\***

\* *Bolded diseases require recommended tank mixes with products like Daconil Action or Secure Action*



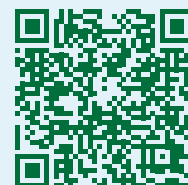
**Apear II fungicide lasted longer than comparative products used in the trial. It showed significantly better turf quality and overall plant health. And when tank-mixed with products like Secure Action and Daconil Action, Apear II provided better turf quality than when the products were used alone. I think it's a good product that will sell itself."**

– William L. Berndt, Ph.D.,  
Independent Researcher  
North Fort Myers, Florida

### Improved Mixability

Apear II features a new surfactant system for improved resuspension and mixability. Studies have also shown reduced residue in spray filters with Apear II compared to the competition.

To see a video of the mixability study, scan the QR code or visit [GreenCastOnline.com/ApearII](https://www.GreenCastOnline.com/ApearII)



# Enhanced Disease Control and Turf Quality

## SUMMER BENTGRASS DECLINE STUDY

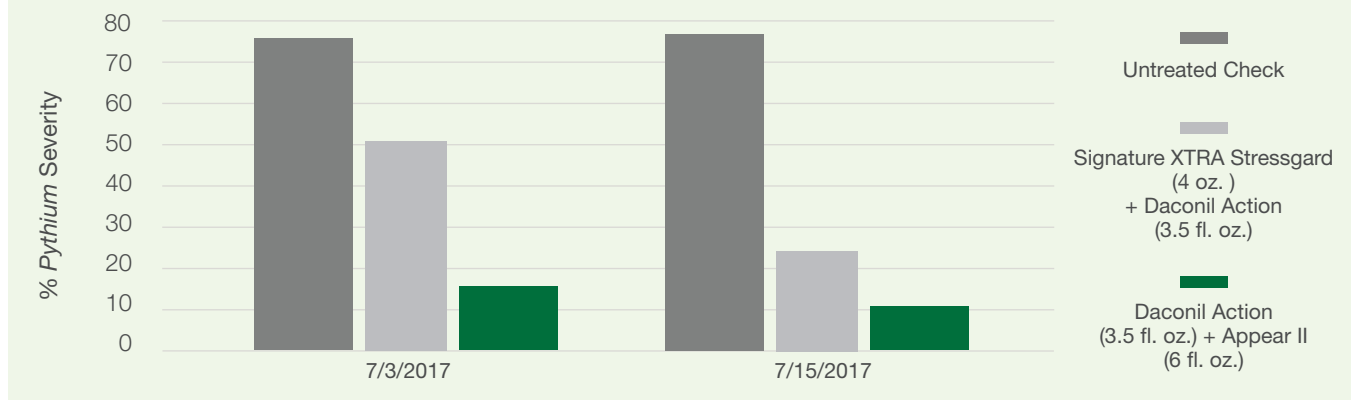


*This formulation of Appear II, in conjunction with Secure Action, was **absolutely amazing** for the disease pressure that we have. I don't say this often when I see plots like this, but this was one of the **best looking plots** on this particular putting green."*

— Jim Kerns, Ph.D.,  
Associate Professor and  
Extension Specialist,  
N.C. State University,  
Raleigh, North Carolina

Source: Dr. Brandon Horvath, University of Tennessee. Photos taken August 7, 2018. Applications made on June 12, June 26, July 10, July 23, August 7 and August 20, 2018. All rates per 1,000 ft<sup>2</sup>.

## Pythium Blight Severity on Perennial Ryegrass



Source: Dr. Bruce Clarke, Rutgers University, 2017. Applications made on June 22 and July 6 on 14-day intervals. All rates per 1,000 ft<sup>2</sup>.

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



@SyngentaTurf #Time4AppearII



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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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