

Dollar Spot Solutions

Dollar spot is a pervasive disease affecting all turfgrass species. Taking a preventive approach to managing dollar spot is not only critical for protecting your course against damage and maintaining healthy turf, but it is also an important part of mitigating resistance.

SYMPTOMS AND CONDITIONS OF DOLLAR SPOT DEVELOPMENT

- **Dollar spot symptoms vary depending on the height of cut:**
 - **Close cut turf:** spots usually grow to 0.5" to 2" in diameter, are normally bleached white or straw-colored, and eventually become pitted
 - **Higher cut turf:** tan or straw-colored leaves develop spots that may enlarge to 3" or 4" in diameter
- **Some species, like tall fescue and warm-season grasses, may see:**
 - Black or irregularly shaped tips
 - Tan lesions with dark-brown or purple-brown bands bordering lesions
 - White fluffy or cobweb-like mycelium, which is often observed in the early morning in the presence of heavy dew
- **During cooler spring periods, infection centers may appear pinkish or there may be a tan spot with a red/pink periphery**
- **Dollar spot most commonly forms when average nighttime temperatures are between 55°F and 75°F and/or following prolonged periods of high humidity in the turfgrass canopy**
- **Susceptibility to dollar spot also increases when turf is poorly nourished and soil conditions are dry**



syngenta®

LEADING DOLLAR SPOT SOLUTIONS

The Syngenta portfolio provides numerous leading dollar spot control options, including:



Prevents dollar spot for up to 28 days, in addition to controlling brown patch and leaf spot



Provides 28 days of control of 20+ diseases, including dollar spot, brown patch and summer patch



Holds strong for up to 28 days of focused dollar spot control



Provides powerful preventive control plus protection against abiotic stressors. It's also the leading fungicide for curative dollar spot control for efficacy and resistance management



Provides broad-spectrum control of multiple diseases including dollar spot and protects against abiotic stressors like drought and heat

To view all of the Syngenta products labeled for dollar spot, visit [GreenCastOnline.com/DollarSpotProducts](https://www.GreenCastOnline.com/DollarSpotProducts)

STAY ONE STEP AHEAD OF DOLLAR SPOT

Research based on the Smith-Kerns prediction model shows that dollar spot can be prevented if turf is treated with a solid management program before or when the development risk reaches a 20% threshold. Sign up for text and/or email alerts to be automatically notified (every 7, 14, 21 or 28 days) of the dollar spot risk in your area.



Register at [GreenCastOnline.com/AgronomicAlerts](https://www.GreenCastOnline.com/AgronomicAlerts)



TAKING AN AGRONOMIC APPROACH TO DOLLAR SPOT

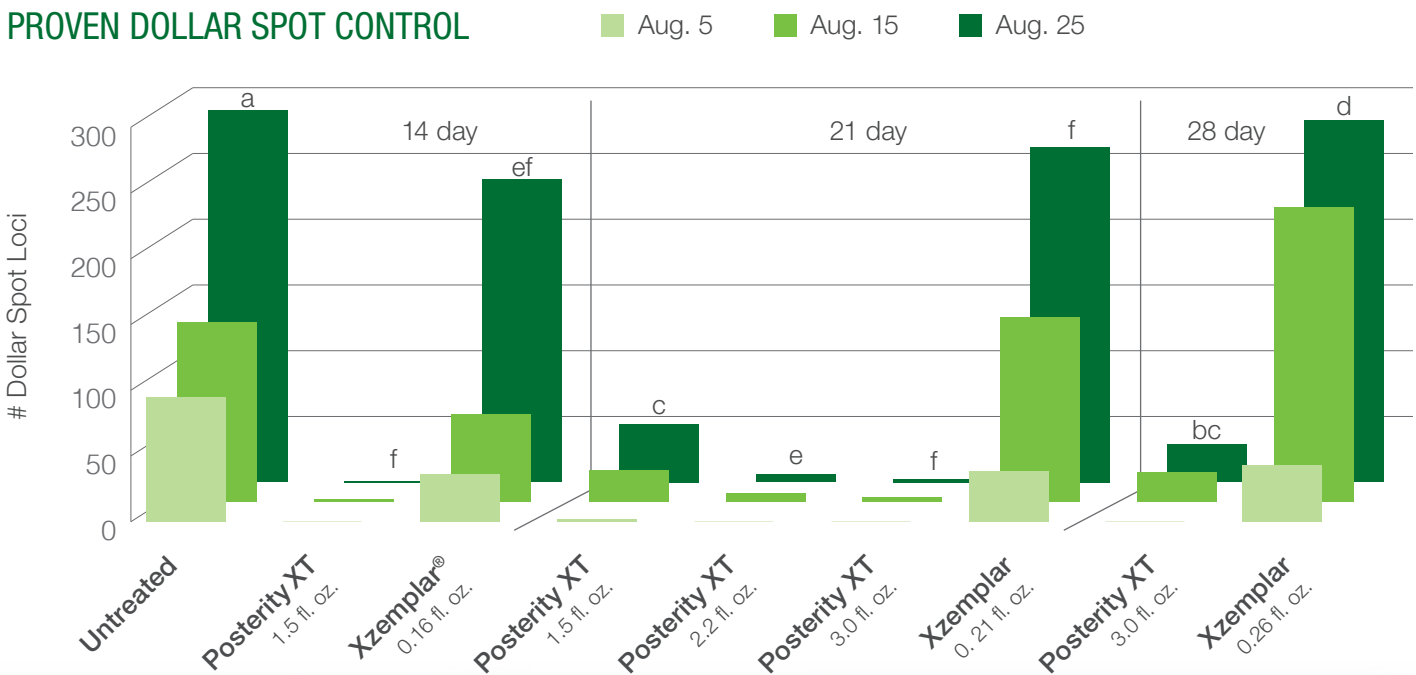
It is important to take the necessary preventive measures to protect your turf from dollar spot. To help manage resistance we recommend the following best practices:

- Do not make more than one to two sequential applications of any SDHI fungicide targeting high risk diseases including dollar spot, anthracnose and gray leaf spot. Rotate SDHI fungicides with low- or medium-risk chemistries that are not in FRAC Group 7
- Tank mix or rotate applications of single-site fungicides, like Velista® or Posterity®, with a multi-site fungicide, like Secure® Action™ or Daconil® Action, to mitigate development of resistance
- Make **preventive applications** before a pathogen is present to help mitigate resistance development
- **Curative applications** with single-site fungicides can accelerate resistance development of high risk diseases including dollar spot, anthracnose and gray leaf spot, as more pathogens are exposed to the curative application than the preventive application

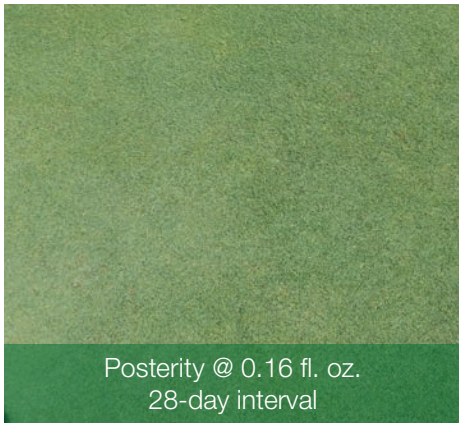


For optimal timing and control, follow a Syngenta agronomic program that positions applications based on conditions that favor pathogen growth. Find the right agronomic program for your needs at [GreenCastOnline.com/Programs](https://www.GreenCastOnline.com/Programs).

PROVEN DOLLAR SPOT CONTROL



2019 Dollar Spot Trial | Source: Bruce Clarke, Ph.D., Rutgers University, New Brunswick, New Jersey | Applications made on Crenshaw creeping bentgrass fairways | Applications made May 25 through August 16 on 14-, 21- and 28-day intervals. All rates per 1,000 ft.²
Mean separated by LSD p= 0.05.



Posterity @ 0.16 fl. oz.
28-day interval

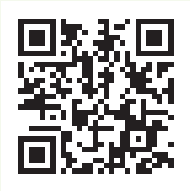


Untreated



Posterity Forte @ 0.42 fl. oz.
28-day interval

2015 Dollar Spot Control | Source: Bruce Clarke, Ph.D., Rutgers University, New Brunswick, New Jersey | Applications made on Crenshaw creeping bentgrass fairways. All rates per 1,000 ft.² Photos taken Aug. 5, 2015.



To learn more about dollar spot solutions from Syngenta, visit
[GreenCastOnline.com/DollarSpot](https://www.GreenCastOnline.com/DollarSpot)



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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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