



# Decades of proven performance, now in an easy-to-use liquid formulation

## New easy-to-use liquid formulation

- Signature™ XTRA Stressgard® Liquid is the first liquid formulation of fosetyl-Al developed for the golf course superintendent
- Excellent tank-mix compatibility with other turf products
- Convenient handling from start to finish: dust free, easy dispersion into solution, smooth flow through nozzles and screens, and easy post-spray jug and equipment cleanup
- Excellent shelf-life and storage
- Optimized green color to demonstrate the turf's natural health

## Defense against Pythium & other tough diseases

- Phosphonates are the only true systemic fungicide mode of action with both xylem and phloem movement (upward and downward)
- Staple for managing Pythium blight and Pythium root diseases without the need for post-application irrigation
- Expanded label to include Microdochium patch and algae
- Essential tank-mix partner for anthracnose, summer decline, bermudagrass decline and leaf spots
- No documented cases of resistance to fosetyl-Al
- Two-pronged Mode of Action: direct pathogen inhibition and induced systemic resistance

## Stressgard® technology boosts photosynthesis

- University research shows that turfgrass treated with Signature™ has more chlorophyll and greater photosynthetic capacity, promoting turfgrass rooting and maintaining turf density
- Improved tolerance to abiotic stress such as water deficit, traffic, heat, shade, winter injury, and low mowing
- Proven by thousands of data points over decades of research

## Product Attributes

- + Active Ingredients: Aluminum tris [fosetyl-Al] (42.4%)
- + FRAC Code: P07 (Phosphonates)
- + Systemicity: Systemic penetrant (moves up and down within the plant)
- + Formulation: Liquid with Stressgard®
- + Signal Word: Caution
- + Convenient packaging: One 98 fl. oz. jug treats 0.5 acres at the 4.5 fl. oz. per 1,000 ft<sup>2</sup> rate or 1 acre at the 2.25 fl. oz. per 1,000 ft<sup>2</sup> rate

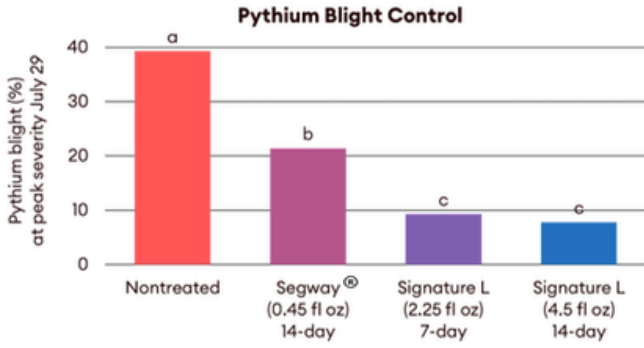
## Diseases controlled

- + Algae
- + Anthracnose\*
- + Bacterial wilt
- + Microdochium patch
- + Pythium blight
- + Root-infecting Pythium spp.
- + Summer decline\*

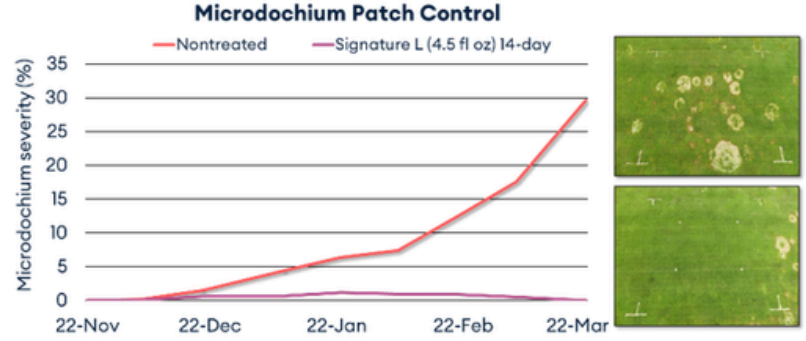
## Labeled Use Sites

- + Golf turf
- + Sports fields
- + Sod farms
- + Commercial lawns

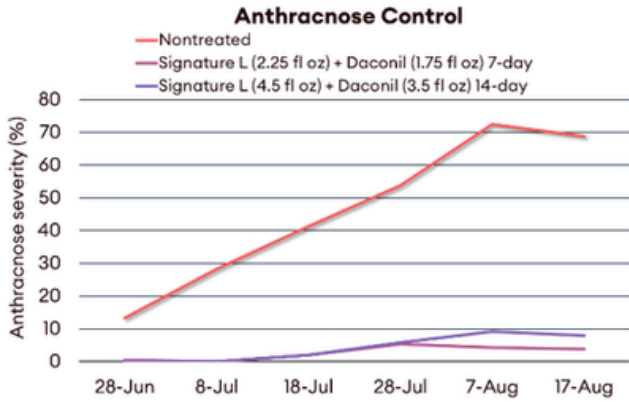
\*When tank-mixed with 26GT™, Interface®, Tartan®, Mirage® or Daconil®



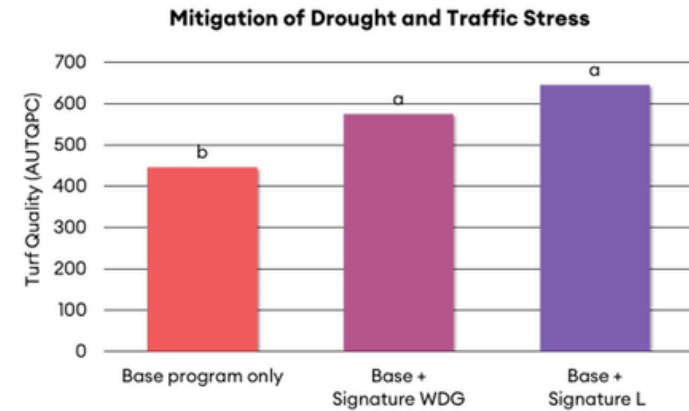
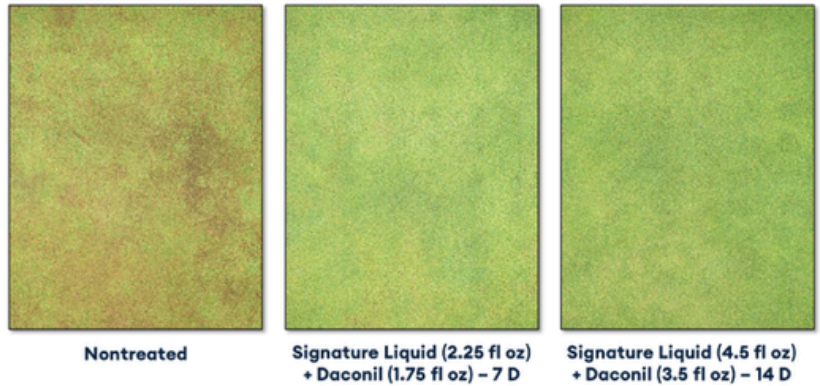
Trial conducted on perennial ryegrass by Dr. Ming-Yi Chou, Rutgers University. Treatments applied every 7 or 14 days beginning June 12, 2025.



Trial conducted on an annual bluegrass putting green by Dr. Chas Schmid, Oregon State University. Signature® XTRA Stressgard™ Liquid (4.5 fl. oz.) was applied biweekly from Sept-March 2024. Photos of untreated (top) and Signature XTRA Stressgard Liquid (bottom) were taken March 24, 2025.



Trial conducted on an annual bluegrass putting green in 2024 by Dr. Ming-Yi Chou, Rutgers University. Signature XTRA Stressgard Liquid (2.25 fl. oz.) + Daconil® Weatherstik (1.75 fl. oz.) was applied every 7-day and Signature XTRA Stressgard Liquid (2.25 fl. oz.) + Daconil Weatherstik (1.75 fl. oz.) was applied 14-day intervals. Treatments continued from May to August 2024.



Trial conducted on a 'Piranha' creeping bentgrass green by Dr. James Murphy, Rutgers University. Signature XTRA Stressgard Liquid (4.5 fl. oz.) & Signature WDG (4 oz.) applied biweekly from May 22 - Sept. 4, 2023. Base program included applications of Heritage®, Insignia®, Secure®, Daconil, Maxtima®, Medallion®, Affirm™ & Velista®.

