



# Optimizing Your Fungicide Investment

The majority of adjuvants on the market today simply aren't formulated to optimize the efficacy of fungicides. That's because ordinary nonionic surfactants, spreader-stickers, crop oils and cationic surfactants have specific formulation characteristics that make them either dry too quickly, entrap the fungicide so that it can't penetrate the cuticle or cause cellular damage under the spray deposit. SYNC™, a fungicide activator developed by Precision Laboratories, solves these problems.

Formulated with three components, the surfactant technology of SYNC improves the viability of the spray droplet, keeping the fungicide in an available state for a longer period of time. SYNC also modifies the waxy cuticle of the leaf in order to ensure that the systemic fungicide hits the targeted disease.

The effectiveness of SYNC with fungicides against dollar spot is demonstrated

in a 2004 trial by Dr. Randy Kane as shown below.

A 2006 study showed that plots treated with a combination of PCNB and SYNC reduced gray snow mold incidence and improved turf quality after 160 days of snow cover.

SYNC test trials by superintendents conducted in 2005 showed disease reduction at a dramatically decreased water volume. Stephen Pearson, superintendent at The Falls Country Club in Lake Worth, Florida tested SYNC with the following results:

"In test trials over the summer on 'Tifdwarf' bermudagrass greens, I got the same control with my fungicide products when used at half the volume of water as I did with full volume (1.2gal./M) when I used Sync. I found the spray coverage to be better with the use of Sync. The overall fungicide efficacy was the same at either rate."

Choosing the right adjuvant for fungicides means optimized fungicide performance and longer disease control at reduced water volumes, on a wide range of turf diseases. For turf professionals, that means better disease control, improved plant health, less time and labor and a greater return on their fungicide investment.

More detailed information about the science behind SYNC can be obtained from the company's website at [www.precisionlab.com/sync](http://www.precisionlab.com/sync) or by calling (800) 323-6280.



A study by J. R. Frelich & Associates, LLC shows reduced disease centers and less turf injury with SYNC and Pennstar brand of PCNB over PCNB alone.



A tank mix of SYNC and Bayleton significantly reduced dollar spot pressure over Bayleton alone and the check.

