

Don't Miss A Great Opportunity to Boost Your Knowledge on Strobilurins!



By Dr. Geunhwa Jung, Department of Plant Pathology, University of Wisconsin-Madison

While Wisconsin superintendents were endlessly fighting turfgrass diseases during the summer, I had an opportunity to attend an annual research conference in Salt Lake City to present our research results. This was the APS•SON•MSA Joint Meeting of three major research societies. APS, MSA, and SON stand for The American Phytopathological Society, Mycological Society of America, and Society of Nematologists, respectively. Researchers, teachers, and extensionists from all over the world and mostly from the United States gather

in one place to exchange their research results and ideas, to initiate new cooperative research projects, and to associate with new and old friends. It was a very productive meeting as well as professionally important for us to let others know what we are doing in Wisconsin. Two graduate students (Ms. Y. Rangel and Mr. J. Curley, both Ph.D. candidates majoring in turfgrass pathology) and I gave oral presentations about research results obtained since I started to work with turfgrass. In fact, it was our first official presentation in front of turfgrass pathologists

from other states. Furthermore, two more research presentations will be given by Ms. E. Scheef and Mr. T. Eaten (both are Masters degree graduates) at the ASA-CSSA-SSSA annual meeting (agronomy and crop science) to be held October 20-27, 2001 at Charlotte, North Carolina.

Every year, the turfgrass pathology research committee of which I am a member, decides on one research topic for a one-day symposium during the APS meeting. This year's topic was on gray leaf spot (GLS), which is rapidly becoming a serious fungal disease

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on the important turfgrass and forage species, perennial ryegrass (*Lolium perenne*), caused by *Magnaporthe grisea*, which also causes rice blast. Fortunately, I did not hear of any report on GLS problem in our state nor did Jeff Gregos at the Turfgrass Diagnosis Lab (TDL) receive any turfgrass samples infected by the GLS. The distribution of this disease reminds me of how important environment is for a particular disease. Wisconsin has a unique and nasty turfgrass disease called Typhula blight caused by *T. ishkariensis* and *T. incarnata* which is not occurring in other Southern states vice versa with GLS.

Next year's APS meeting will be held in Milwaukee, July 27-31, 2002. There will be two exciting events scheduled during the meeting. First, I am organizing a one-day turfgrass research tour on July 26 right before the meeting starts. The tour will include Miller Park stadium, the O.J. Noer Turfgrass Research and Education Facility, and University Ridge Golf Course. This is an excellent chance for us to show others our excellent

research facility and to highlight our quality research projects.

The other event will be a research symposium titled "Strobilurins and Turfgrass Disease Management". The topic was chosen based on three primary reasons. Firstly, more Strobilurin-like fungicides are anticipated to be developed and will be on the market in the future. Secondly, since this type of fungicide controls target turfgrass diseases so effectively, their management strategy has to be reexamined for long run utility. Lastly, there is a confusing rumor, for example, of the negative effect of Heritage on dollar spot which means that the plot treated with Heritage indeed had more dollar spot severity than the control without Heritage. Some researchers detected a significant increase of dollar spot symptoms in the plot treated with Heritage. Others did not see any noticeable difference compared to the control. Because of the above reasons,

the symposium will be great for all of you to learn more about how fungicides of this type works and how to use them economically and strategically so that the development of fungicide resistance will be delayed as long as possible. I strongly encourage you to make every effort to attend this one-day symposium. By the way, before you go, please do your homework such as reading relevant references and two Grass Roots articles previously published (Jung, The Grass Roots, page:37, July/August, 2001; Gregos, The Grass Roots, pages:22-23, March, 1999). As the old saying goes, "If you know your enemy, you are already more than half way to win the battle." If you are interested in registering just for one day, please express your interest either by email (jung@plant-path.wisc.edu) or a phone call (608-262-6531). I will arrange it for you. The tentative speakers and schedule for the symposium is presented in Table 1. ♣

Table 1. A tentative schedule of turfgrass symposium to be held at Milwaukee, WI July 27-31, 2002 during the APS annual meeting. The title of the symposium is Strobilurins and Turfgrass Disease Management. The specific date is not available, yet.

Time (min)	Speaker(s)	Title
5	Mike Boehm (Ohio State Univ.)	Welcome
25	Mike Boehm	Strobilurins and Turfgrass Disease Management: Historical review, mode of action and range of pathogen activity
30	Wolfram Koeller	A Tricky Class of Fungicides: Challenges for <i>in vitro</i> fungicide sensitivity testing
30	Gilberto Olaya (Syngenta) & (BASF)	Methods for assessing sensitivity of fungal pathogens to the Strobilurins
15	Panel Discussion (Koeller, Olaya &)	Open Forum
15	Break	
25/5	Bruce Clarke (Rutgers Univ.)	Response of Dollar Spot to the Strobilurins and Other Fungicides
40	Paul Vincelli (Univ. of Kentucky) & Lee Burpee (Univ. of Georgia)	Case Studies of Strobilurin Resistance in Turfgrass: Gray leaf spot and Anthracnose
20	____ (NAQOI representative)	Overview of QOI Resistance Management Strategies in Other Cropping Systems
25	Interactive Brainstorming Session	Possible QOI Resistance Management Strategies in Turfgrass Disease Management
5	Closing remarks	

Note: the schedule is adapted with permission from Dr. M. Boehm (Ohio State University) who is a chairman of the turfgrass pathology committee.



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A Somber 75th Anniversary

By **Monroe S. Miller**, Golf Course Superintendent, Blackhawk Country Club

What a claim to notoriety – I may have been the only golf course superintendent who made the trip to Lawrence, Kansas to attend the GCSAA 75th Anniversary celebration, after it was cancelled. It was disappointing, but that emotion was insignificant compared to the distress cause on September 11 by Arab terrorists. Let me tell you how it happened.

I prefer to drive to meetings like these. That preference has nothing to do with a fear of flying; rather, I dislike the hassles of flying and love the chance to see the country from ground level. Often times these trips can be made as quickly by car as by plane, and once you arrive you

already have a car at your disposal.

During the year, my world mostly takes place in and around Madison. The sights and sounds are familiar and routine. Breaking loose and passing through unfamiliar landscape is pure pleasure.

I left for Kansas City very early and headed down Highway 151 from Madison to Iowa City. I stopped in Mt. Vernon, Iowa to see Cornell College where my great uncle was a professor of music for a few years a long time ago. Cornell's campus is quaint and beautiful and reminiscent of any number of small New England colleges. I listened to NPR all the way there and when I left I switched to the first of six CDs

I had loaded before leaving home.

It was a wonderful drive – no phone calls, good weather (the morning sun was behind me as I headed west) and great music. The harvest of corn and even some soybeans was underway, a reminder of how much ahead of us in the growing season those areas only a little south of us are. The corn around home was all very green and by the time I reached Des Moines it was nearly fully ripened and completely dry and tan. The big combines and grain wagons filled the fields.

As I crossed the border between Iowa and Missouri it was well after lunch and I started looking for a place to get fuel and something to

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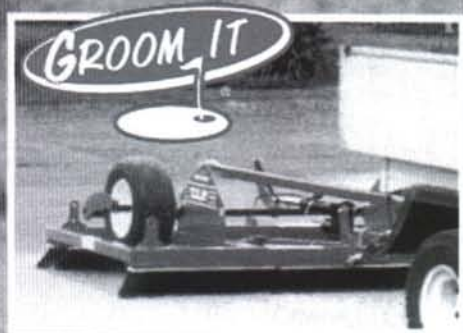
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eat. I finally stopped about 40 miles from the KCI airport and the Marriott where many of the activities were to take place.

I walked into a fast food joint and paused after two steps in. My first thought was, "this place is being held up." Everyone was looking to one corner; there was no conversation and each face was very somber. Then I noticed they were watching a TV in that corner. I cautiously approached the counter and asked the senior citizen clerk, "what's going on?"

His reply was brief. "Where in the hell have you been?"

Of course, events unfolded quickly and I watched the TV everyone else was watching until I understood what the situation was.

At that point I figured I might as well drive to the KCI Marriott and be absolutely certain the GCSAA 75th Anniversary event was cancelled. The closer I got to the airport, the

fewer cars there were on the road. Motorcycle cops guarded roads into and out of the airport.

No planes were flying and I headed to the Marriott to get a status report on the well-planned festivities, although I was pretty sure there would be none. The hotel was packed and included reporters and film crews from local television stations. Stranded travelers were in a panic to get a room or a rental car; I was pretty pleased I had driven. A check with registration personnel gave only a vague, "I think so," when I asked if GCSAA activities were cancelled. It seemed reasonable to drive the 40 or so miles to Lawrence to find out for myself.

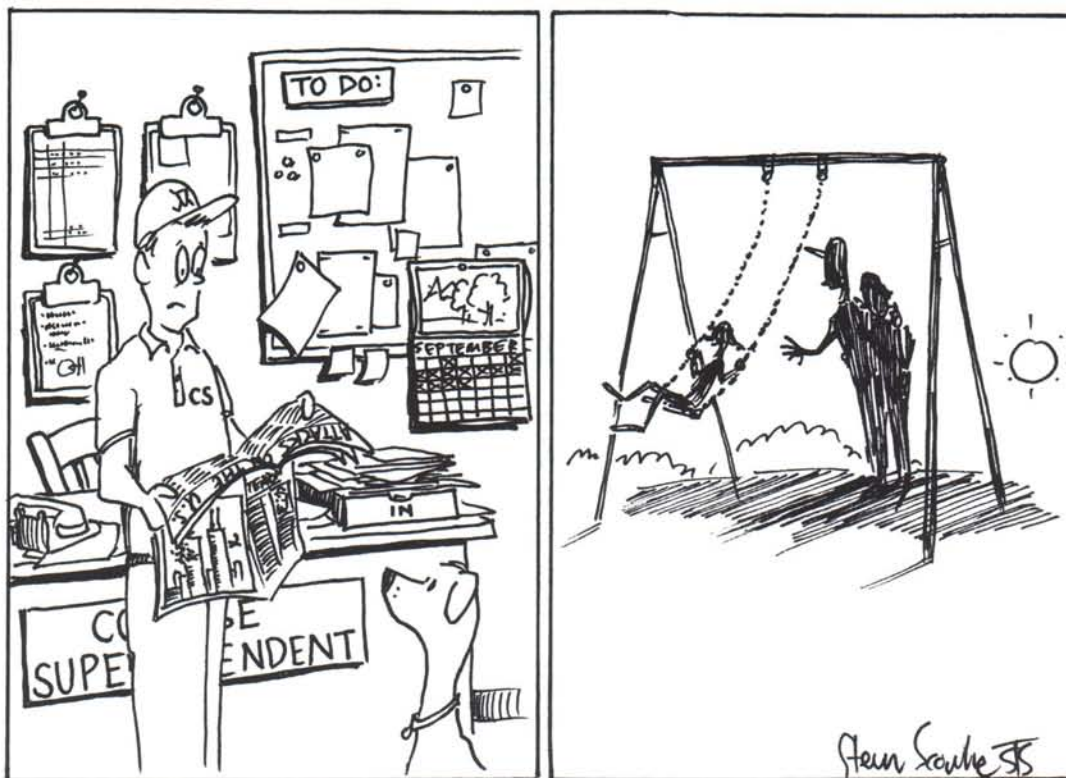
I drove I-435 to I-70 and made the short trip to Lawrence. It is a relatively small city that I have visited any number of times, so in no time I was parked right in front of the GCSAA headquarters building. I was going to run in, get a reading on the

situation, and head back to Wisconsin.

Well, there are some really nice people on the GCSAA staff and Suzanne Clement is one of them. She is the lead on the 75th Anniversary Resource Committee and is the association librarian and curator. She would have no part of a quick departure.

Suzanne had tried to track down committee members to tell each of us that our committee meeting at the Marriott on Wednesday, September 12, was cancelled, along with the program planned so carefully for the members. As my luck goes, I was the one without a cell phone, the one who drove, and the one who was listening to a Quarteto Gelato CD instead of the radio. Out of our thousands and thousands of GCSAA members, I was the only one of us in the building!

It is a fairly long drive from Madison to Lawrence, and Suzanne



"PUTTER, I JUST REALIZED THAT I'VE GOT A REALLY IMPORTANT JOB TO DO."



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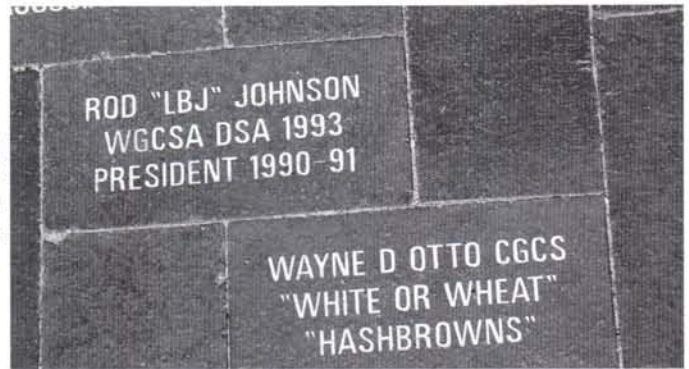


A bronze statue of Old Tom Morris welcomes visitors to GCSAA headquarters. The sculpture was to have been dedicated during the 75th Anniversary celebration.



The logo and acronym at the entrance to headquarters.

Rodney Johnson and Wayne Otto brick pavers at the GCSAA building entrance.



The likeness of Old Tom is about 8' tall and has amazing detail.

golf course superintendent! I found the brick I had bought for the patio that hosts Old Tom's statue, along with ones from Rod Johnson, Wayne Otto and Mark Kienert. There were probably others from Wisconsin that I didn't see.

She and I went up to the boardroom to visit with Steve Mona. The three of us talked about the tragedy in New York and the disappointment of seeing all the careful plans and hard work of GCSAA staff members go for naught. I also learned whom Steve has selected to fill Joe O'Brien's position; I will let Steve tell you who it is, however.

We went out to the back of the building and looked at the beautiful landscaping that has been put in place in recent months. The work is superb. I talked briefly with Dr. Clark Throssel; it was the first time I'd seen him without a coat and tie!

This was like every other visit I have made to the headquarters facility – extremely pleasant. That is because of the people who work there on our behalf.

It seemed reasonable to head back to Kansas City, but I gave myself a brief tour of KU before I left town. By then it was late afternoon and already the long lines were forming at the gas pumps. I dismissed it as some local phenomenon; little did I know.

I had made a mad dash, nearly non-stop trip out. It took me longer to get home. I even drove to Bellerive CC in St. Louis, but the PGA event was cancelled as every other sporting event had been.

Even though it was a futile trip as far as the 75th Anniversary was concerned, it was positive and even relaxing. The headquarters building has never looked better, and I had a chance to see it. I had the chance to see some people who have become friends; that is always a good thing. Any trip during harvest time in the Midwest is interesting. And there were no telephones, golf players or staff putting demands on me. When I did get home, I was ready to tackle fairway aerifying with some real enthusiasm. ♣

made sure I got the most out of it. She showed me an absolutely enormous banner made from tournament flags from members' courses. I stood in awe at the new bronze sculpture of Old Tom Morris that now greets us at the entrance to the headquarters building; the statue is the work of a



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