



**CONNECTICUT
ASSOCIATION OF
GOLF COURSE
SUPERINTENDENTS**



Connecticut Clippings

Volume 42, No 1

March 2008

SUPERINTENDENT OF THE YEAR 2007

KEITH ANGILLY

Presented by Mike Donahue

When I think of the Connecticut Golf Course Superintendents Association the first word I can think of is "Commitment." I say this because its members are actively engaged directly or indirectly in preserving and promoting the "good of the game of golf." Many of our members have proudly exemplified this quality both at the local and national level.



Bob Lipman so poignantly said at our November meeting that during his years of membership that our organization has had the distinction of having 4 members become GCSAA presidents. Others have played a very active and pivotal role as chapter delegates such as Les Kenndey. Last year we were proudly represented on a national level when Scott Ramsay was selected the Superintendent of year, a distinction well earned for his positive attitude and hard work at Yale Golf Course. At the local level our members were instrumental by promoting reasonable environmental regulations that provided a sense of cooperation between our organization and those concerned with public safety and the need to preserve the environment. Steve Rackliffe, Richie Marks and retired member Peter Pierson represented us in those the early years to create these successes. For all of us, who knew him, Pete worked tireless in his efforts to prevent burdensome legislation and regulations.

Our recipient of 2007's Connecticut Superintendent of the Year is no stranger to the idea of "Commitment." He has been a superintendent for 9 years and has been a member of our organization for 12 years. His humble beginnings started in Warwick, Rhode Island. He attended Pilgrim High School there and was an active athlete participating in soccer, hockey

and track. He also achieved a distinction requiring a monumental commitment by a young man; he achieved and became an eagle scout. After high school he enlisted in the Army where he served for 4 years and achieved the rank of sargent in the infantry. His tour of duty involved patrolling the tense DMZ in South Korea where he was posted for 1 1/2 years.

After his service years, our recipient enrolled at the University of Rhode Island's 4 year turf program where he studied under Drs. Skogely, Jackson and Alm.

He gained firsthand job experience by working summers first at Potowomut Golf Club in East Greenwich, RI. a classic 1927 Walter Johnson designed golf club, then being managed by Superintendent Pat Vetere. He later honed his skills
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Christian P. Mauro, President

The President's Message

do not know made it his personal goal and a priority of the Board to do all that we could as an Association to spread the word on the value of our members and to promote our profession as Golf Course Superintendents. Keith sacrificed his personal and professional time to attend various meetings of the Connecticut State Golf Association, Connecticut PGA, University of Connecticut, Club Managers Association and other allied Associations with those goals in mind. I feel we all owe Keith a personal thank you for his dedication to the advancement of our profession and a special thank you for what he refers to, as the education of one mind at a time.

Best of luck to the CAGCS members who have utilized their experience and time in Connecticut to advance their careers. Congratulations to Curtis Tyrrell, CGCS on his move to Medinah Country Club and good luck to him as he prepares to host the 2012 Ryder Cup Matches. Congratulations and best of luck to Matt Burrows as he brings his talents to Winged Foot Golf Club.

Don Beck and Mark Mansur put together a great schedule of golf and educational

events for 2008. Charlie Babcock has also been able to fill up the social schedule with some of the usual events and a few new ones. Please watch the mail for your 2008 schedule and mark those dates on your calendar. An important date to mark on the calendar will be the Scholarship and Research Tournament, scheduled for Monday, May 19th at Mill River Country Club. Thank you to everyone who has volunteered their time and their facilities to host our 2008 events and thank you to all our commercial members who time after time donate to our golf and social events so that we can keep them affordable for all members. Anyone who may have any interest in hosting a future event, please give Mary Jo a call at the office for more details.

Bruce Morse and his crew have again, as in all even calendar years, offered to host a golf meeting at Norwich Golf Club. Please take advantage of making the trip to Norwich in April as this course always offers a stern early season test of golf.

Good luck to everyone on a successful 2008 golfing season. Don't forget our families need our time to and remember it is only grass.

Chris

With the spring season fast approaching, I sit to write my inaugural President's letter. I would like to take this opportunity to offer the membership a few updates with the Associations off season happenings and some 2008 calendar highlights.

Congratulations to Keith Angilly on his well deserved Superintendent of the Year Award. Keith as many of you probably

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Continued from page 1...
 working as the assistant superintendent at the Segregansett Country Club in Taunton, Mass.; a classic redesigned Geoffery Cornish course originally established in 1893. He then moved on to become the assistant superintendent at Woodbridge Country Club here in Connecticut working under the supervision of John Streeter where he stayed 3 seasons.

His first golf course superintendent's position was Hunter Golf Club in Meriden, Ct., a highly rated AL Zikourous designed municipal gold course. Keith learned the challenges of managing a high rounds course and skills to produce quality playing conditions.

He then moved to Mill River Country Club in Stratford in 2001, taking over in the middle of a major course renovation. This private course was established in 1923 and originally designed by architect Tom Winton. Upon taking over he immediately finalized major construction projects

involving irrigation, bunkering, new tees and moundings. He then worked on improving playing conditions on greens implementing strategies as modifying the root zone, improving drainage and increasing bentgrass populations while still providing quality playing conditions with minimal disruption to play.

By now most of you know who this recipient is. This superintendent resides with his wife of 13 years Kelley and his son Scott age 4 in Meriden. The couple met at college and what I found amazing is that Kelly is from New Jersey and is a die hard Yankees fan and our recipient is a Red Sox fan. I guess opposites do attract. In his spare time he enjoys cooking and barbecuing especially with his son Scott by his side.

Our recipient is not without making a contribution to our organization. He first served in the capacity as membership chairman in 2002 when a vacancy was created unexpectedly. After that he

became secretary in 2003 and vice president in 2004 & 2005. Finally he was selected by his peers to become president of our organization proudly serving in 2006 & 2007. His main goal during his term was to elevate the profession by advocating improved communication and dialogue with the golfer. *In a sense one must promote oneself and create one's value so to demonstrate the necessity and value of your profession.*

This recipient practices what he preaches. When informing his club of his selection, his general manager Thomas Serino was elated. He happily commented that our recipient is an invaluable asset to the club and was a real "team player". Mr. Serino further stated that Keith Angilly was a vital part of the club's equation of success.

Ladies and Gentleman, it is my honor and pleasure to present this award to our 2007 CAGCS Superintendent of the Year, Mr. Keith Angilly.



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CAGCS 2008 SCHEDULE OF EVENTS

April 28 Monday	NORWICH GOLF CLUB 2 Ball Shamble	Bruce Morse Host Superintendent
May 19 Monday	MILL RIVER COUNTRY CLUB CAGCS Scholarship & Research Tournament	Keith Angilly Host Superintendent
June 17 Tuesday	INDIAN HILL COUNTRY CLUB Low Gross/Net by Flight <i>1st Round CAGCS Championship MET Team Championship Qualifier</i>	Marc Weston Host Superintendent
July 1 Tuesday	STANLEY GOLF CLUB Low Gross/Net Blind Partners <i>2nd Round CAGCS Championship New England Team Championship Qualifier</i>	John Napier, CGCS Host Superintendent
July 22 Tuesday	2008 UCONN TURFGRASS FIELD DAY	
August 12 Tuesday	CAGCS INVITATIONAL Gillette Ridge Golf Club	
September 6 Saturday	CAGCS FAMILY DAY Lake Compounce	
September 11 Thursday	PEQUABUCK GOLF CLUB 4 Person Best Ball - <i>Pick your own foursome</i>	Kevin Jaracy Host Superintendent
September 25 Thursday	JOSEPH TROLL GOLF TOURNAMENT Lyman Orchards GC	Mark Pelkey Host Superintendent
October 14 Tuesday	TUNXIS PLANTATION Superintendent/Assistant Tournament <i>2 Person Best Ball President's Cup & McLaughlin Trophy</i>	Charles Babcock Host Superintendent
November 5 Wednesday	SUFFIELD COUNTRY CLUB CAGCS Annual Meeting - 9 Hole Scramble ABCD	Peter Gorman Host Superintendent

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| • Redding C.C. | • Fishers Island | • Nassau C.C. | • Century G.C. |
| • Glen Arbor C.C. | • Round Hill Club | • Marthas Vineyard | • Bonnie Briar |
| • Quaker Ridge C.C. | • Hudson Hills | • Old Oaks C.C. | • Westchester Hills |
| • Great Rock C.C. | • Trump National | • Palmerton C.C. | • Sunningdale |
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UConn Turf Students in Orlando

By Nathaniel Miller, Turf Club President

The University of Connecticut Turf Club would like to thank the Connecticut Association of Golf Course Superintendents for providing funding to students attending the 14th annual GCSAA Collegiate Turf Bowl in Orlando, FL. Through their generous support, the Turf Club was able to send ten members to the collegiate competition. A lot of hard work went into preparing for the 4-hour exam, as review sessions started meeting last fall. The hard work paid off as this year's students placed very well among the record breaking 92 teams participating in the competition. UConn's top team, consisting of David Golembeski, Brian Tencza, Benjamin Goossen, and David McIntyre finished in 12th place among all undergraduate teams. A second team of Andrew Stair, Jonathan Wilber-Suchanek, Robert Deasy, and Sara Paetsch also had a strong

showing, finishing 31st. In addition to the undergraduates, graduate students Alex Putman (advised by John Kaminski) and Nate Miller (advised by Jason Henderson) took the top spot among all competing graduate students. Teams from Iowa State (1st), Purdue (2nd - 4th), and Penn State (5th) took the top five spots.

In addition to participating in the Turf Bowl, David Golembeski received an individual honor. David was recognized for his academic achievements by receiving the coveted Mendenhall Award. This scholarship is the top award given out by the GCSAA's Scholarship Program, and is just one of many awards David has received in his time at the University of Connecticut.

Additional support was provided by the College of Agriculture and Natural Resources, the Emmanuel "Mike" Hirth Family Endowment Fund Scholarship, and the Albert Mann Memorial Fund

Scholarship. Again, the Turf Club would like to thank all those that contributed to this experience. This opportunity would not have been possible without your continued support.



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David Conrad, Class Commercial
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James Easton, Class C
Fisher's Island Club

Melissa Gugliotti, Class Commercial
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Daniel Rogers, Class SM
New London Country Club

Condolences

To the family of Stanley E. Kogut, Jr., who was a member of our association from 1985 to 2001. He was a Golf Course Superintendent for many years at area golf courses including Oak Ridge Country Club, Ludlow Country Club and most recently at Mill Valley Golf Links, Belchertown, MA.

To Kimberly Heyl and family on the loss of her brother Scott Fisher Heyl.

To Peter & Gail Lund on the loss of Gail's mother.

To the family of Harry Meusel who served as Golf Course Superintendent at Yale GC from 1951 until his retirement in 1993 passed away Sunday March 2. A member of CAGCS since 1949, Harry was named Superintendent of the Year in 1989. Gifts in his name may be made to his favorite charities. A list is

available at Hawley Lincoln Memorial Funeral Home, New Haven CT.

To the family of Doug Morgan, owner of Winding Brook Turf Farm, Wethersfield, CT.

To Erick Holm on the loss of his father.

Our sincere sympathy goes out to Eric Johnson on the recent passing of his mom, Gladys, at the age of 98.

Congratulations

To Jason & Jocelyn Booth, on the birth of their son Ryan Michael, weighing in at 8 lbs. 10 ozs. And to Jason, formerly at Woodbridge CC on his new position as Golf Course Superintendent at New Haven CC.

To Curtis Tyrrell, CGCS, on his recent job change as Golf Course Superintendent from Lake of Isles to Medinah Country Club in Chicago, IL.

To Steven Smith, CGCS, on his recent job change as Golf Course Superintendent from Lake Waramaug Country Club to Rock Ridge Country Club in Newtown, CT.

To Matt Burrows on his recent job change as Golf Course Superintendent from New Haven Country Club to Winged Foot Golf Club in Mamaroneck, NY.

To Jonathan Burke on his recent job change as Golf Course Superintendent from The Ranch Golf Club to Hartford Golf Club, West Hartford, CT.

To Michael Pieri, on his election, as the Class C Representative to the Board of Governors.

To Bob Ruzsala, Golf Course Superintendent at Hickory Ridge GC & Chairmen of The NOR'EASTER Room on receiving the Distinguished Service Award from the Golf Course Superintendent Association of New England.

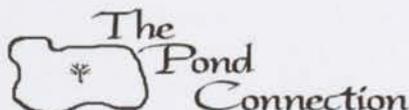
Congratulations to Keith & Liz Kraus on the birth of their daughter McKenzie. She was born on February 27th and weighed in a healthy 9lbs 4oz.

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Reminder!

The deadline for requesting a CAGCS Scholarship application is Friday, April 4, 2008. Deadline for submission of applications is Friday, May 2, 2008.

Notes

To MGC Developers for omitting thanking you for your donation in sponsoring our CAGCS Christmas Party.

Best wishes to John Napier, CGCS, Stanley GC, as he recovers from a broken leg.

The following Associations participated in the 2008 Hospitality Suite in Orlando, FL at the Rosen Center Hotel on Thursday, January 31, 2008:

Golf course Managers Association of Cape Cod, Connecticut Golf Course Superintendents Association, Golf Course Superintendents of New England, Long Island Golf Course Superintendents, Metropolitan Golf Course Superintendents Association, New Jersey Golf Course Superintendents, Rhode Island Golf Course Superintendents Association, Vermont Golf Course Superintendents Association.

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Thank you Bob Ruzsala, Golf Course Supt. Hickory Ridge GC, Amherst MA for chairing this event.

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**CONGRATULATIONS TO OUR
NEW LIFE MEMBERS AND OUR
2007 PIN RECIPIENTS**

The following have been members of our Association for 30 years and are our new "Life Members".

- Peter Bly, Class A
- Adam Laverty, Class C
- Robert Lippman, Class Commercial
- John Napier, CGCS, Class A
- Brian Skelly, Class A

Receiving 25 year pins:

- Gregory Bradley, Class A
- Glenn Moore, Class Commercial
- Steven Rackliffe, CGCS, Class Affiliate

Receiving 20 year pins:

- Kevin Bengtson, Class Commercial
- Edward Clark, Class C

Receiving 15 year pins:

- Arthur deAtienza, Class Commercial
- Larry Gauvain, Class C
- Mark Gostkowski, Class C
- Anthony Grosso, Class A
- Albert La Prise, Class commercial
- Scott Niven, CGCS, Class A
- Charles Rustici, Class C
- Joseph Rustici, Class A-retired

Receiving 10 year pins:

- Paul Bonini, CGCS, Class A
- Anthony Girardi, CGCS, Class A
- Sean Moran, Class Commercial
- Daniel Shay, Class A



The Rhode Island Turf Foundation (RITF) is being re-vitalized after several years of relative inactivity (the last function hosted by the RITF was Noel Jackson's retirement dinner). The defined purpose of the Foundation is to promote all aspects of the turfgrass industry by supporting current and pertinent research. A luncheon was hosted for about 90 URI alumni and friends on Tuesday March 3rd at the NE Regional Turfgrass Conference. The luncheon event helped to re-introduce the group and generate new interest in membership participation within the foundation as well as highlight upcoming fundraising events. Two fundraising endeavors already planned for this year include a golf tournament at Stonington Country Club on April 21, 2008 and a turf calendar/raffle program. Contact Mike Marino CGCS or John LeClair CGCS to sign up for or get further tournament details. The calendar should be available in April and Mike Kroian is the coordinating calendar sales efforts. Any other questions about the RITF can be forwarded to Vickie Wallace (vhwallace@cox.net). We also hope to host a post-URI field day gathering. Details of that event will follow at a later date.

We welcome any company or individuals that wish to support the event as a tee sponsor. Tee sponsorship will be in the amount of \$100.00. Please contact John LeClair at JLwcc1@aol.com with your Sponsor Contact information and how you would like your sign to read no later than April 1, 2008.

This tournament will involve the URI Turf Club students, so for those that have supported the Turf Club Tournament in the past please know that students will be working with us to make this tournament a great event. Please help support the efforts of this group as we move forward. As turf professionals we all benefit from sound turf research. Hope to see you at the Tournament!

GOLF TOURNAMENT

Hosted by Michael Marino, CGCS, URI Alumnus, Class '93

Stonington Country Club, Stonington, CT
April 21, 2008
12 noon Shotgun Start - Scramble Format

Please note you may sign up individually or as a team, individuals will be paired up. Field is limited to first 128 players. Deadline 4/14/2008 or until full. Box Lunch provided on carts. Hot hors d'oeuvres, prizes, & cash bar after the tournament.

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Bob Lippman left receiving membership honor from Bruce Morse.

**RI GOLF COURSE SUPERINTENDENT
2008 SCHEDULE OF EVENTS**

Tuesday, March 18	Metacomet Country Club
Monday, April 14	Quidnessett Country Club
Tuesday, May 13	Valley Country Club
Monday, June 2	Quinnatisset Country Club
Monday, July 7	Bay Club Mattapoisett (RHO-COD Cup)
August TBA	The Back Nine Club (Stress Buster Day)
September TBA	
Wednesday, October 15	Shelter Harbor GC (S&R Tournament)
Tuesday, November 4	Newport CC (Supt/ Asst Tournament)
December TBA	

MARK YOUR CALENDAR

June 18, 2008	UMASS Turf Field Day, Joseph Troll Research Center www.umasssturf.org
July 22, 2008	UConn Turf Field Day www.turf.uconn.edu/fieldday08
August 20, 2008	URI Turf Field Day, contact Dr. Rebecca Brown (401)874-2791
September 29, 2008	Joseph Troll Classic, Lyman Orchards GC, Mark Pelkey, Host Superintendent www.alumniturfgroup.com

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Eric Morrison left, Superintendent Shennecossett GC winner of a Bayer award to attend the Golf Industry Show in Orlando with Bayer Environmental Science Representative and CAGCS member Dave Sylvester

FERTILITY AND PATHOGEN INTERACTIONS: IMPORTANCE FOR TURFGRASS MANAGEMENT

Gordon Kauffman III, Ph.D. Grigg Brothers
 For high maintenance turfgrasses, disease management requires an integrated approach. This includes but is not limited to using appropriate cultural practices to maximize plant health, and choosing the correct fungicide(s), including the development and implementation of well designed spray programs. Fertility and thatch management influence the incidence and severity of turfgrass diseases. Optimum and balanced mineral nutrition remains a foundation for plant health and will maximize turf performance during periods conducive for disease development. In addition, pathogen growth can be enhanced or discouraged by fertility practices, most importantly nitrogen rates, source, and timing of application. Developing a spray program should use history as a guide to choosing the best time to start applying appropriate fungicides and can include rotating chemistries to avoid selecting for fungicide resistant pathogens. Fine tuning a spray program might include nozzle selection and choosing the appropriate water volume carrier, which will depend on the target pathogen and fungicide mode of action.

Fertility and Plant Health

Maintaining adequate nutrient status in plant tissues remains the basis for sound plant health. Turfgrass species have different optimum fertility requirements which need to be addressed prior to finalizing a fertility program. Maximize nutrient uptake and utilization by selecting the appropriate formulation and application time. For example, granular fertilizers are available in slow-release or quickly-available sources and often applied at higher rates (0.75-1 lb N/M) and during periods of increased plant growth. For cool season grasses, this would be spring and fall or during establishment. Conversely, foliar fertilizers are best applied frequently and at low rates (0.1-0.25 lb N/M) just prior to and during times of environmental stress (ie. drought, heat), and/or when root growth and nutrient uptake become compromised. Spoon feeding with foliar absorbed formulations will most efficiently provide essential plant nutrients to turfgrasses growing in soils with low cation exchange capacity (CEC), or chemical imbalances such as extreme pH, saline, sodic, or saline/sodic conditions. This strategy will ensure turfgrasses receive the essential nutrients for maximum vigor when limited root uptake may exist.

Disease and Fertility Interactions

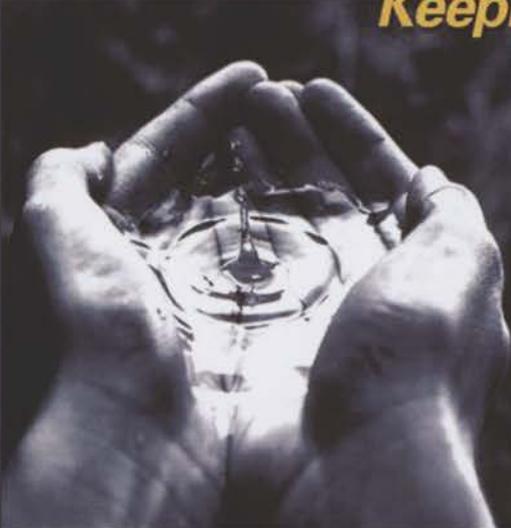
Fertility, whether too high or low, can impact disease development. For example,



Fig. 1. Foliar blight anthracnose of Poa annua in June, with creeping bentgrass surviving (Courtesy G.L. Kauffman III)

an increased incidence of anthracnose (*Colletotrichum graminicola*) and dollar spot (*Sclerotinia homeocarpa*) may occur in nitrogen (N) limiting conditions. Conversely, brown patch (*Rhizoctonia solani*) and snow mold [*Microdochium patch* (*Microdochium nivale*) and typhula blight] incidence might increase from high tissue N concentrations and excessive N applied in late fall prior to winter dormancy. Take-all-patch (*Gaeumannomyces graminis*) incidence may increase when soil manganese (Mn) availability is limited. Maintaining optimum fertility and understanding key nutrient-pathogen interactions will reduce

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the potential for disease. Recall that pathogens can utilize nutrients applied to turf for their own growth and development. Therefore, excessive fertility can lead to enhanced disease growth and subsequent pressure, but will depend on the turf species, pathogen, and the composition, rate, and source of fertilizer used. Fertilizers also affect disease pressure by:

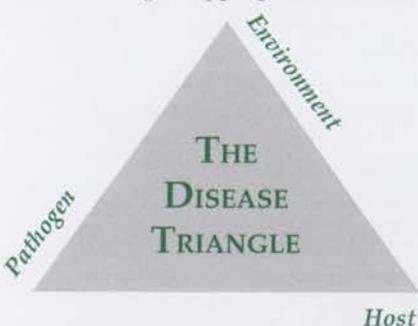
- Altering growth of turfgrass
- Altering turfgrass tissues
- Altering microenvironment
- Influence non-pathogen populations

Best Disease Management Programs

The best disease management programs utilize an integrated approach. These include:

- Improving plant health (Host)
- Evaluate the growing environment for shade and air circulation (Host)
- Employing proper cultivation (Host)
- Maintaining adequate irrigation (Host)
- Utilizing an appropriate mowing strategy (Host)
- Selecting the best turfgrass species (Host)
- Correct pathogen identification (Pathogen)
- Correct fungicide selection and use (Pathogen)
- Establishing disease thresholds (Pathogen)
- Maintaining environmental safety (Environment)

Utilizing all options means implementing the correct cultural practices, species selection, scouting practices, mapping, and fungicide programs. Select disease resistant species or cultivars. Improve plant health by correcting major soil drainage or chemical problems, managing thatch, limiting shade, maintaining good air flow and providing adequate turfgrass fertility. Fine tuning fungicide programs can have a dramatic impact on disease suppression. Correctly identifying the target pathogen, selecting a fungicide with the correct mode of action, and correct placement of the active ingredient is essential. Proper equipment calibration and selection of the best nozzles and water volume carrier will maximize fungicide efficacy. Establishing and maintaining disease thresholds starts with scouting, mapping, and meticulous



record keeping. If disease problems have occurred on a specific area(s) in the past, chances are it will happen again. Weather cannot be controlled, yet historical data tell us when conditions are conducive to disease development. Develop a program based on this information to map out spray programs. Maintaining environmental safety means developing fertility and pesticide programs that are safe for ground and surface water, animals, and humans.

Use of Phosphonates

Not to be confused with phosphate (H₂PO₄-), current research exists to substantiate the benefits of fertilizers that contain phosphite (H₂PO₃-) as one component of an integrated approach to disease management, specifically for anthracnose (*Colletotrichum graminicola*) and pythium blight (*Pythium* spp.). Contact your local university turfgrass extension specialist to obtain this research data. The active ingredient, phosphite (H₂PO₃-), works both directly and indirectly to enhance disease suppression and should be used exclusively as one component of a preventative disease management program.

Foliar Fertilizer & Fungicide Synergy

Past, present and future research protocols assess the use of foliar fertilizers applied in combination with fungicides for enhanced disease suppression. The objective is to determine whether efficient and new technology foliar fertilizers, including those that contain phosphite (H₂PO₃-), when tank-mixed with low label fungicides rates achieve adequate disease control. In addition, how do these treatments compare to traditional pesticide programs using multiple fungicides at high label rates? Thus far, the results are positive and provide meaningful information for turf managers related to optimizing plant health and lessening the reliance on pesticides. This kind of information provides additional tools and scientifically backed options to consider when planning and implementing best disease management practices.

Common Disease Problems in the Northeast and Fertility Management Strategies

Anthracnose (*Colletotrichum graminicola*) – Maintain optimum overall fertility and raise mowing heights to ≥ 0.125 inch when environmental conditions are conducive to disease development. Apply ≥ 3 lb nitrogen (N)/M/yr. Avoid deficiencies of phosphorus and potassium. Apply nitrogen in low doses and frequently to help reduce disease symptoms. Utilize fertilizers that contain potassium phosphite (KH₂PO₃) to lessen the severity of the disease.

Summer Patch (*Magnaporthe poae*) – Use

slow release nitrogen sources and acidifying fertilizers to maintain a soil pH ≤ 6.3, if possible. Avoid nitrate nitrogen fertilizers. Maintaining optimum levels of manganese (Mn) has been associated with a reduction in summer patch incidence but a cause effect relationship has not been confirmed. Further research is needed.

Dollar Spot (*Sclerotinia homeocarpa*) – Use frequent and higher dose (0.2-0.25 lb N/M) foliar nitrogen applications when dollar spot is active.

Snow Mold/Microdochium Patch (*Microdochium nivale*)/**Typhula Blight** – Maintain balanced fertility and a lower soil pH (6-6.5). Avoid excessive nitrogen in late fall and prior to turf dormancy. Fertilizer should be applied in mid-fall at a moderate rate (ie. 0.5 lb N/M) and consist of a slow release source of nitrogen.

Optimum Disease Management Strategies Include:

- Maximize plant health culturally
- Correct major soil drainage or chemical problems
- Become a keen observer and meticulous record keeper
- Fine tune fungicide programs by choosing the best nozzles based on target pathogen and fungicide mode of action
- Utilize fertilizers that contain phosphites (H₂PO₃-) for preventative anthracnose (*Colletotrichum graminicola*) and pythium blight (*Pythium* spp.) management

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