

CHIPS & PUTTS

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Penn State Team dominates 21st GCSAA Turf Bowl, places three teams in Top 10

Lawrence, Kan. (Feb. 26, 2015) - Penn State University placed three teams, including the champion foursome, in the Top 10 of GCSAA's 21st annual Collegiate Turf Bowl Competition presented in partnership with John Deere Golf, Feb. 26, at the Golf Industry Show in San Antonio.

The foursome of Chris Marra, William Ellinger, Kyle Patterson and Alexander Bonini will return to State College, Pa., with the traveling trophy and a \$4,000 first-place cash prize. Teams from Penn State also took 3rd and 9th place. Rounding out the top 10 were teams from the University of Maryland (2nd), Michigan State University (4th), Iowa State University (5th and 6th), Cal Poly Pomona (7th), Purdue University (8th) and the University of Arkansas (10th). This year 252 students on 69 teams from 33 colleges and universities participated in the competition.

The Turf Bowl challenged students from universities/institutions to identify turfgrass species, diseases, weeds and insects, as well as answer questions on mathematics, growth and development. The exam also allowed teams to collaborate for the case study portion and submit an essay that addressed business management facets of the golf course superintendent profession, while emphasizing the importance of communication skills.



President's Message.....

Spring looks like it is beginning to show its face as the snow is finally beginning to fade away. We have experienced another brutal winter again this year in Northeast Pennsylvania. We can only hope that many of us came through the winter without too much injury, as compared to last year. I hope that many of you had the opportunity to recharge your batteries and take advantage of many of the Educational opportunities over the winter. The start of the season is right around the corner.

Your Board of Directors of the PTGA will be finalizing a meeting schedule at the end of March and will be publishing that schedule very soon. We hope to improve our educational opportunities at our meetings to enhance the value of attending. I want to thank many of the vendors that have and continue to sponsor our meetings and support our Association. I want to remind everyone the PTGA is accepting applications for the Patterson Scholarship at this time and will be until the June 30 deadline. Information about the Scholarship can be found on the website at www.PTGA.org.

I want to wish everyone the best of luck for the 2015 Season, and if we can be of assistance to you in any way, please don't hesitate to reach out to your Association.

Greg Boring

Editor's Notes.....

And so another year of the newsletter begins while the golf season is itching to get started after this harsh winter. We're all hoping for the snow to melt quickly and this cold weather to let up.

I'm always looking for articles and pictures to put in our newsletter, so don't be afraid to share.

Forgive my PSU bias on the cover...I couldn't help myself.

Brian Bachman



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Pocono Turfgrass Association 2015 Scholarships

The Patterson Scholarship for Turfgrass Related Studies

The Pocono Turfgrass Association is now accepting scholarship applications for the Patterson Scholarship. The deadline for application is **June 30, 2015**. The following is a list of guidelines for all individuals interested in applying for the scholarship:

1. Applicant must be in his or her final year of study or a recent graduate of a two- or four-year turf related program.
2. The applicant must be a member of the Pocono Turfgrass Association, employed by a member of PTGA, or an immediate family member of a member of PTGA.
3. The applicant must submit, in writing, why he or she would like to be considered for the scholarship. The essay should include what he or she feels their contribution to the turfgrass field will be.
4. Applicants must include a letter of endorsement from their PTGA relation with their application.

The Pocono Turfgrass Association Scholarship for Non-Turf Related Studies

The Pocono Turfgrass Association is now accepting applications for a non-turfgrass related field of study scholarship. The deadline for application is **June 30, 2015**. The following is a list of guidelines for all individuals interested in applying for the scholarship:

1. Applicant must be in his or her final year of study or a recent graduate of a two- or four-year non-turf related program.
2. The applicant must be a member of the Pocono Turfgrass Association, employed by a member of PTGA, or an immediate family member of a member of PTGA.
3. The applicant must submit, in writing, why he or she would like to be considered for the scholarship. The essay should include information pertaining to field of study, educational achievement, and future goals with respect to utilization of his or her education.
4. Applicants must include a letter of endorsement from their PTGA relation with their application.

Applications should be submitted to:

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PTGA Billing Changes for Monthly Meetings

Attention all Members of the Pocono Turfgrass Association

We, as your Board of Directors, have voted and approved the following changes:

- All payments for our monthly meetings must be received before or on the day of the meeting. Credit will no longer be extended to any member or guest. We accept cash, check or credit card.
- Dues must be paid in full in order to attend our monthly meetings.

The above changes are necessary and long overdue to keep our Association operating efficiently. If you have any questions or comments, please don't hesitate to ask.

Sincerely,

Patrick D. Healey, Jr.
Treasurer

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Combination Fungicides

By: Dr. Richard Latin, Purdue University
Originally posted on turfdiseases.org

During my seminars and workshops over the past year a frequent discussion topic involved “combination products”, i.e., products that contain two or more active ingredients in a single formulation. The number of such products has doubled over the past three or four years, and I suspect the number will increase to some extent in the future. Most contain two active ingredients, but some contain more—Instrata contains three, and one of the newest products introduced to turf markets (Enclave) includes four.

To be sure, fungicide manufacturers have proprietary reasons for combining effective fungicides into a single product. However, there are some real advantages for turf managers. In combination products, more than one “target” inside pathogen cells are disrupted, thereby increasing the potency of the treatment (assuming recommended rates), and broadening the spectrum of activity (the number of diseases “controlled”). Furthermore, the single formulation is optimized to accommodate both (or all three or four) compounds in the product.

Manufacturers recognize that many of our fungicide programs include tank mixes. They created such products to address the market need, and added value along the way.

Continued on Page 6



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Continued from Page 5

The table included in this post lists 19 (there probably are more) combination products registered for use against a variety of turf pathogens. The table includes product names, the active ingredients in each product, and the equivalent tank mix products. Note that I only listed one of each equivalent product in the interest of saving space.

Dr. Rick Latin is a professor of plant pathology at Purdue University and has been a member of the faculty since 1981. He earned his MS and Ph.D. degrees in plant pathology at Penn State University. Rick has research, teaching, and extension responsibilities in the area of turfgrass disease management and recently authored the best selling textbook-- A Practical Guide to Turfgrass Fungicides. His current research activities focus on turf fungicides and factors that influence their performance.

Product	#	Active ingredients	Equivalent products
Headway	2	propiconazole + azoxystrobin	Banner + Heritage
Briskway	2	difenoconazole + azoxystrobin	difenoconazole + Heritage
Concert	2	propiconazole + chlorothalonil	Banner + Daconil
Instrata	3	PPZ + CTL + fludioxonil	Banner + Daconil + Medallion
Renown	2	azoxystrobin + chlorothalonil	Heritage + Daconil
Tartan	2	triadimefon + trifloxystrobin	Bayleton + Compass
Reserve	2	triticonazole + chlorothalonil	Triton + Daconil
Interface	2	iprodione + trifloxystrobin	26GT + Compass
Honor	2	pyraclostrobin + boscalid	Insignia + Emerald
Lexicon	2	pyraclostrobin + fluxapyroxad	Insignia + Xzemplar
Disarm C	2	fluoxastrobin + chlorothalonil	Disarm + Daconil
Disarm M	2	fluoxastrobin + myclobutanil	Disarm + Eagle
26/36	2	iprodione + t-methyl	26GT + 3336
Twosome	2	iprodione + t-methyl	26GT + 3336
Dovetail	2	iprodione + t-methyl	Raven (IPRO) + t-methyl
Peregrine	2	t-methyl and chlorothalonil	t-methyl + Pegasus (CTL)
Junction	2	mancozeb + copper hydroxide	Fore + Copper hydroxide
Dac Action	2	chlorothalonil + acibenzolar	Daconil + acibenzolar
Enclave	4	PPZ + CTL + TM + IPRO	Banner+Dac+3336+26GT

Abbreviations: PPZ = propiconazole, CTL = chlorothalonil, TM = thiophanate-methyl, IPRO = iprodione, Dac = Daconil



Photo of the Month

We all see interesting things every day....wildlife (like bald eagles and bears), strange turf problems (like a lightning strike), an employee who stayed out too late the night before, etc. So if you have a great photo, send it to me (bbachman@genesisturfgrassinc.com) and share it for everyone to enjoy (or laugh at).

March 2014



March 2015



March Photo of the Month

What a difference a year makes.

This photo is courtesy of Bill Parr (Country Club of the Pocono's).

Last year CCP lost their equipment storage building to the heavy snow, and while this winter was exceptionally cold, Bill got a new building out of the disaster.



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POCONO ROUNDUP

Congratulations!

Congratulations to **Jim Rattigan** on his new position with Plant Food Inc. as Territory Manager in the Southeastern U.S.

Also, congratulations to **Willie Schneider**, Jim's former assistant at Schuylkill C.C. on his promotion to superintendent!!

Belated Congratulations to **Matt Brown** on his new position with Lawn & Golf Supply.

PTGA SCHEDULE

April TBD	PTGA Golf Meeting
May	PTGA/Central Golf Meeting Schuylkill CC
June 1	PTGA Golf Meeting Scranton Canoe Club
July 6	PTGA Golf Meeting Glen Oak CC



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The PTGA would like to thank the following Vendors for sponsoring the Budget Discussion Meeting:

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