

COURSE CONDITIONS

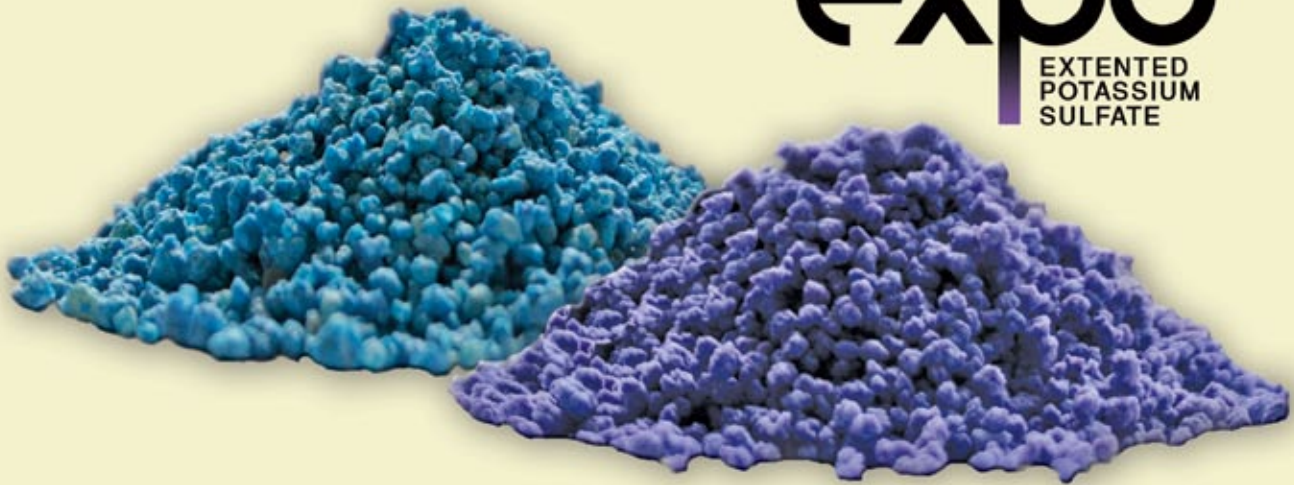


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Guaranteed Analysis:

Total Nitrogen (N)	9.0%
9.0% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	3.0%
Soluble Potash (K ₂ O)	6.0%
Total Iron (Fe)	0.60%
0.60% Chelated Iron (Fe)	
Total Manganese (Mn)	0.05%
0.05% Chelated Manganese (Mn)	
Total Zinc (Zn)	0.05%
0.05% Chelated Zinc (Zn)	

Derived from: Urea, potassium phosphate, potassium hydroxide, kelp extract, chelated minerals (iron, manganese and zinc.)

Also contains the following ingredients:

0.014% Microbial Cultures	
Bacillus Licheniformis	2.1X 10 ⁷ cfu/ml
Bacillus amyloliquefaciens	2.1X 10 ⁷ cfu/ml
Bacillus pasteurii	1.6 X 10 ⁷ cfu/ml
Bacillus cereus	5.0 X 10 ⁶ cfu/ml
Bacillus laevolacticus	3.7 X 10 ⁷ cfu/ml
Paenibacillus azotofixans	5.0 X 10 ⁷ cfu/ml

Beneficial Bacteria in TurfVigor®

3086 B. licheniformis

- Produces antifungal compounds against a variety of pathogens
- Can grow at high temperatures (over 110° F)
- Has significant salt tolerance
- Can grow under low oxygen conditions
- Produces lipase, , protease, cellulase

3002 B. amyloliquefaciens

- Excellent plant growth enhancer
- Produces lipase and protease

3003 B. pasteurii

- Capable of growth at low oxygen levels. Aids in root maintenance during periods of water saturation or compaction
- Produces cellulase, protease, lipase

3124 B. cereus

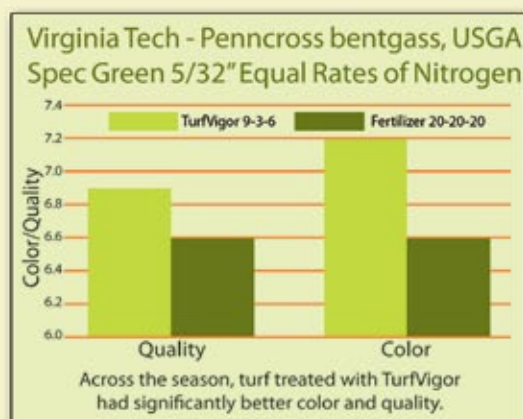
- Enhances plant root development during stress periods

3006 B. laevolacticus

- Produces lipase, protease, cellulase

3054 Paenibacillus azotofixans

- Free living nitrogen fixing root associated rhizobacteria



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CONTENTS

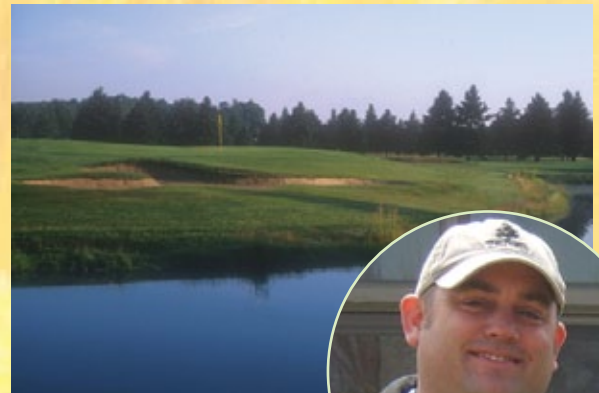
- 4** MiGCSA Membership Report
- 5** President's Perspective
- 6** Golf Course Taxes
- 8** Assistant Update
- 11** Association Update
- 11** The MiGCSA Foundation Donates \$15,000
- 13** Golf Course Sustainability
- 13** Scholarship Winners
- 16** MiGCSA Spring Management Meetings
- 24** From National
- 28** Allied Partner
- 30** Call from Campus
- 32** Ski and Learn Turfgrass Talk Show
- 34** In The News
- 34** 2011 Calendar Of Events

14



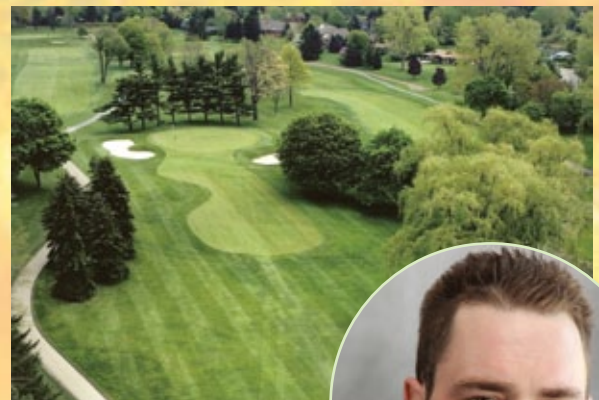
Jay Eccleton, CGCS,
Director of Golf Course Operations,
The Emerald Golf Course

21



Tom Burke,
Equipment Technician,
The Pines Golf Club

26



Ryan Moore,
Assistant Superintendent,
Forest Lake Country Club



COURSE_{CONDITIONS}

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MiGCSA MEMBERSHIP REPORT

SUMMARY OF CLASSES 5/4/11

	CURRENT MEMBERSHIP	SPRING 2010 MEMBERSHIP
Class AA	23	25
Class A	74	231
Class SM	27	57
Class C	39	79
Class D	14	33
Class E	21	20
Class AFF	67	126
Class H	21	11
Class SA	8	7
Class R	3	11
Class I	1	1
Class FM	0	0
TOTAL	297	601

Please log in to your account at www.migcsa.org to renew your membership for 2011. If you are unsure of your status contact us at info@migcsa.org or 1-888-3-MiGCSA.

PRESIDENT'S PERSPECTIVE



JAY ECCLETON

Competition or Cooperation?

I would like to welcome you to the 2011 golfing season. It has been a very long winter for most of us and I am sure we are ready to get back to the everyday grind of maintaining a facility that we have grown emotionally and physically attached to. I am honored to have the opportunity to hold the position of President of this wonderful association. My commitment to the superintendents of Michigan is in its eleventh year, starting back in 2000 when I was elected to the WMGCSA board of directors. My almost thirty years of experience in the golf course industry has positioned me in a place in my life where I felt it necessary to be more involved in the golf industry. To broaden my scope not just as a superintendent but as a general manager and to prepare myself for this ever changing industry as we venture through some of the toughest economic times we have witnessed in many years and in my case, maybe my lifetime. I currently hold the position of Director of Golf Course Operations at The Emerald Golf Course in St. Johns, MI and I am currently in my 12th season.

I have taken on this position of director during a very troubled time in our industry. Golf is at one of its all-time lows and my goals have shifted from quality turf maintenance to trying to discover new ways to be instrumental in the rebirth of the game. As the market has become more saturated and the economy has become weaker, we have found ourselves doing business in a golfer's market where price sometimes is determined by age, group size and calendar instead of focusing on the true cost to operate.

Recently the Club Mangers, Golf Association of Michigan, Golf Course Owners, the Michigan PGA, and the Michigan Golf Course Superintendent Association met and created the new Michigan Golf Alliance. This newly formed group will focus on the industry as a whole and come together through a series of meetings and public engagements to help come up with new ideas and innovative solutions to put the golf industry back together. This is an important and crucial step in the advancement in the golf industry as well as keeping the industry on the radar and the revealing the true impact on the Michigan economy when it comes to governmental issues.

We all need to come to the realization that no matter what sector of the golf business we are involved with, we share a common goal. To provide impeccable customer service and course conditions to our customers while operating a profitable business and fulfill our obligations to our owners, stockholders, and board of directors. Although that may be our primary focus as a business professional, it is also a great time to look at how we can become more involved to make this industry stronger.

One way to help your operation is to schedule meetings amongst your closest competitors and discuss ideas of how golf courses can work together to enhance their businesses collectively in your specific geographical area. The notion that we are competitors is the wrong approach. Look at your competition as an additional opportunity to help draw new golfers to your area. By working together with the same set of common goals, you will become stronger as a unit and increase your exposure to all golfers. All golf courses have their own set of customers that are loyal to their product. Why not offer specials together that help drive traffic from one course to the other?

Another way to benefit your operation is to become more involved in your association and all the educational opportunities it has to offer. The MiGCSA offer numerous events that are chucked full of "out of the box" type ideas that can enhance your management strategies. I have over and over again found myself leaving these educational meetings more pumped about my operation and the industry that I am involved in. We are a very unique group of career minded individuals. When you survey the group of individuals that attend the meetings you will find a high percentage of people who have the same views, thoughts and no matter their geographical location deal with the same issues that you deal with on a daily basis. It is therapy for the soul. I have utilized the closeness of the membership of the MiGCSA to borrow equipment, to search for new ideas, and to solve problems that may arise. For a small fee of \$75.00 per year I receive benefits that pay back 100 fold on an annual basis.

Once again, I look forward to serving the MiGCSA and its membership and will continue to develop relationships with allied partners and industry partners to help strengthen our association and make it one of the most successful GCSAA affiliate chapter in the country. I look forward to your comments and questions as I start this journey of leadership. I have an open line of communication and am extremely excited to speak to anyone who may have questions or issues about the association. As we roll into early summer, I wish all a successful year full of record breaking revenue numbers and healthy turf.

Best Regards,

Jay B. Eccleton



GOLF COURSE TAXES

BY NORM SINCLAIR - FREELANCE WRITER AND MEMBER OF THE MICHIGAN JOURNALISM HALL OF FAME

PHOTOGRAPHY BY: @BRIANWALTERS/RESORTANDGOLF.COM

For golf course or resort owners struggling with property taxes, significant relief might be hiding in plain sight – in the hundreds of acres of wetland and peat bogs dotting the landscape of courses across the state of Michigan.

That is the view of Tim Miscovich, a Clarkston-based tax relief specialist and managing partner of Hospitality Asset Advisors, whose clients include national hotels chains, country clubs, golf resorts, and commercial office centers.

Not only is there tax relief hidden in the ground, there are other areas that have been traditionally overlooked in calculating the fair tax value of golf properties, Miscovich said.

"When you are making money you don't go line by line looking at expense items and you assume its fair and you don't spend a lot of time on it," he said. "But there continues to be a lot of mistakes made in the valuation of golf courses."

Take for instance the cases two northern Michigan golf clubs where Miscovich got substantial cash relief for the owners.

In one case the club had 325 acres that the assessor had classified as commercial and developable land. While walking and riding around the property Miscovich observed large tracts of the course was wetland. After checking the survey maps he discovered that 120 acres of the

property was protected wetland.

"That's a third of the golf property that had no potential use. You can't walk on it and you can't develop it yet it was included as developable in the assessor's calculations of the property's value," he said. By presenting the assessor with the paperwork documenting the wetland, Miscovich earned a substantial reduction in the owner's tax bill.



Tim Miscovich

At the second golf club, during his walkabout the property, Miscovich realized that the course seemed to have a lot less paved cart paths than the assessor cited in calculating an improvement value he assigned to the course. The assessor listed 17 miles of paved cart paths as improvements to the property. By measuring the cart paths Miscovich found there was actually only 2.8 miles of paved surface. That discrepancy turned into a nice reduction on the tax bill.

Adam Ikamas, executive director of the Michigan Golf Course Superintendents Association, believes superintendents should take the lead in exploring such opportunities for their clubs.

"My vision for the future superintendent's role is that with tight budgets golf courses have to make cuts, and superintendents have to put themselves in position to be considered for more of a general leadership role beyond just the golf course" he said. "Superintendents know the property best. We know the agronomy, that's the easy part. We are the largest budget holders on the golf course property and usually we are the ones who have to make most of the cuts. Looking





at property taxes, marketing, and the overall operation rather just the golf course condition is a good position for all of us to take."

In a suit and tie, toting a brief case bulging with documents, the bespectacled Miscovich looks like the accountant that he is, someone who would seemingly relish nothing more than spending hours on end wading through files after files of tedious financial records.

In reality, Miscovich is more of a tax detective. He not only examines past tax records for clues to savings but he insists on getting out into the field for a firsthand view of the assets and liabilities of property.

He takes pride in putting on his boots and tromping around properties looking at their physical characteristics, talking to employees, and learning all he can about the operations. That effort can invariably uncover situations, like wetland that never show up on tax documents but have tremendous affect on tax value.

Taking those extra steps separates Miscovich from his competitors. "Unless you physically go out there, put your boots on and walk around and look at things you won't find those reductions," Miscovich said.

Miscovich said the economic downturn in Michigan and its debilitating effect on golf property earnings should be factored into the calculation of the value of golf courses.

He said nine of 10 assessors use the original cost of building a golf course minus depreciation to value the course instead of looking at how much money the course generates.

"There is a lot of disparity between the investment grade of the course and actual income it produces," Miscovich said. "Someone might have built a golf course for \$5 or \$6 million five years ago and that golf course might be worth a \$1 million today because of the operating income it throws off."

Miscovich said with some courses failing financially, investors are buying them in fire sales from banks expecting the property tax they face will be reflected in the price they paid for the property.

"They may go in and buy a golf course for \$200,000 and then they go to the assessor and say my value is \$3 million but I paid \$200,000 for it and I want the \$200,000 value," he said "That is becoming the biggest challenge we face because Michigan does not recognize foreclosures or distressed sales from a property tax perspective."

In these cases buyers and assessors will have to work towards a fair settlement and Miscovich said that is where he can help.

"The assessors need to look closer as to how they view these distressed sales and the tax payer also have to understand that just because they \$200,000 for something that's valued at \$3 million doesn't mean that's all its worth right now," he continued. "They spent the \$200,000 to buy the property because they hope its going to be worth at least \$1 million three or four years for now. Assessors are really pushing back on that and we have to help owners come up with documentation to show the true value of the property."



BY DAN KOOPS AND TROY EVANS, ASSISTANT COMMITTEE



Steve Loveday speaking on Plant Nutrition and Vigor.

We are in the midst of another great year of opportunities for the MiGCSA Assistants. We started off the year with another great Assistant Education and Roundtable Session held in conjunction with the Spring Management Meeting at the Inn at St. Johns. The Assistants were first able to hear Brian Mavis give us his insights on soil testing, reading soil test reports and how we as turf managers need to pay attention to what our grass needs along with what is available in the soil. Brian, with his experience in various types of soils and nutrition levels, gave us a good reminder of how the little things can make a big difference.

Next on the line-up that day was Steve Loveday. His seminar brought the Assistants back to the basics of turf and how we can use the fundamentals of the life of a plant to solve our everyday problems of plant nutrition and vigor. Steve gave us a few tips on how to beat the summer stress, which was a welcome topic considering the summer we all just faced. A big thanks to Brian and Steve for giving us their time in preparing for the event, it was greatly appreciated.



Brian Mavis speaking on testing not guessing.

The year will continue with some great Shop Talks that all Assistants will be able to attend. By the time you read this we will have had the opportunity to tour the facility at Edgewood Country Club in the middle of April and also tour the facility of Lochmoor Country Club in the middle of May. As we all gear up for the summer heat, it's nice to tour other facilities to gather ideas on how we can improve our operations and efficiency. After a bit of a break in the summer we will get right back at it with more Shop Talks this fall. If you would like to host a Shop Talk in your area or if there is one facility that you would like to see, drop a note to either Troy or Dan.

Keep your calendars open on Monday, October 17 for the 2011 Assistants Golf Outing. It's always nice to get away for a day and talk about how the summer went, learn something new and get a round of golf in. Details will follow towards the end of the summer. We hope to see you at the next event.





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Northern Michigan

ASSOCIATION UPDATE



ADAM IKAMAS, CGCS



WHAT A GREAT TIME TO BE INVOLVED WITH THE

MiGCSA

I am so proud and honored to have been hired to help operate the MiGCSA as the Executive Director, and I am excited for all of the possibilities we now have as an Association. The MiGCSA has had some bumps in the road to get here, but every trailblazer does. As the first to combine 4 great chapters into one there were bound to be setbacks. But thanks to a very dedicated group of board members the MiGCSA is on the precipice of being one of if not the best GCSAA affiliated chapters in the country. Our membership numbers continue to climb every day as we grow closer to 750. The support from our Industry Partners continues to be strong as we approach \$90,000 again this year; I know we say it a lot but it is because it is that important, **please support the companies that support you.** We have a great lineup of events and fundraisers in 2011 and work has already begun on the 2012 calendar. The MiGCSA Foundation has already raised over \$15,000 in sponsorships this year with a goal of \$20,000 by the first event. The snowball is starting to roll down the hill and it is an exciting time to be involved.

The MiGCSA has joined with the Michigan Golf Course Owners, the Michigan PGA, The Golf Association of Michigan and the Club Managers to form the Michigan Golf Alliance. With the combined efforts of these groups focused on improving the image of golf in Michigan with the public and legislators in Lansing we now quite literally have a seat at the table. This is another great example of the benefits of having one voice representing the most important component of every golf operation, the Superintendent.

One of the main goals of the MiGCSA is to continue to promote the Superintendent as a key to the success of any golf operation. In the current economy in Michigan we need to communicate the importance of the golf course as the primary asset and the importance of the individuals who maintain the most valuable part of the business. A great example of how the Superintendent can influence the bottom line is covered in our feature story about property tax valuation, use this information to save your course money, and improve your value.

Another goal is to continue to support research at MSU and as you will read in the Call from Campus article there is no better way to do this than donating to the MTF. The MiGCSA Foundation is an arm of the MiGCSA, when we host a fundraiser like the ones this summer at Arcadia Bluffs, Harbor Shores, and Warrick Hills the proceeds go into the MiGCSA Foundation account. We use these funds to match donations to the Wee One Foundation, to give Scholarships to turf students and the vast majority goes directly to the MTF where 100% is transferred to turf research that helps us all. The fundraisers this year will be really fantastic events, hopefully we see many of our members supporting the MiGCSA Foundation and attending.

I want you all to know I work for every one of you, and as a Superintendent I want to guarantee my commitment to the profession and the MiGCSA. I am always available for any member need big or small. The Board and I have an aggressive agenda and we need your help. Our number one goal is to get our committee's to a highly functioning level. This has no doubt been something we have seen slip away in the past, but I promise you that it will not happen again. If you have a desire to serve on any of the MiGCSA committee's please let a Board Member, a committee chair, or myself know.

Thank you all for your support and for this incredible opportunity. I am very excited for the new year, the new direction and the continued improvement of the MiGCSA.

Adam Ikamas, CGCS MiGCSA Executive Director

THE MiGCSA FOUNDATION DONATES \$15,000

At the Great Lakes Trade Expo in January the MiGCSA Foundation Committee voted to approve a donation of \$15,000 to the Michigan Turfgrass Foundation. These funds were raised at the Foundation Fundraisers held last year at Galaxy Lanes, Arcadia Bluffs Golf Club, Blythefield Country Club, and The Wyndgate Country Club. This is the second year the MiGCSA Foundation was able to donate \$15,000 to the MTF. This year our goals are much higher, with sponsorships for the 2011 Fundraisers already at \$15,000 and the fantastic venues of Arcadia Bluffs on June 6th, Harbor Shores on September 29th, and Warrick Hills on October 3rd it should be a record fundraising season. Remember these events are open to everyone not just MiGCSA members. Bring your friends, neighbors, or anyone who loves golf and wants to help support the foundation, and play some fantastic golf courses. Special thanks to MiGCSA members Paul Emling, Arcadia Bluffs, Collin Romanick, Blythefield, Phil Hopper and Dave Moritz The Wyndgate for offering their golf courses last year. As always stay tuned to MiGCSA.org and look for email from info@migcsa.org for more information on these events and other MiGCSA news.



Newly elected MTF President John Fulling, CGCS heads to the bank.

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Cutler Robinson, CGCS
Director of Golf Course Operations
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GOLF COURSE SUSTAINABILITY

The golf industry is going through a tough time, and we are all hoping 2011 will be the turnaround, and golf will rebound. Golf in Michigan has been particularly hard hit due to the trials and tribulations of the regional corporations. Less people have joined clubs, companies are cutting back on outings, and golfers overall are simply playing less due to the financial and time constraints the economy has levied.

So, how is the Michigan Golf Industry to respond? It is time for a new paradigm. Business as usual will not suffice. Alterations to the existing game plan, such as cutting staff, or buying less will be enough to stem the tide. There needs to be a significant shift in how golf is offered to its customers, and how the golf product is devised, created and kept alive i.e. designed, constructed and maintained.

The days of gigantic, wall-to-wall green tracks, with equally oversized maintenance budgets are done, for the most part. There will always be the Augusta Nationals in every region. But, the core golf facilities – the ones that are needed to sustain the sport – will need to be sustainable themselves. And, to achieve this goal of sustainability, they will need to change their modus operandi. The only way this can be achieved is through a well conceived, thought out, comprehensive plan that will thoroughly analyze all aspects of the facility with respect to sustainability.

Every golf facility, from the sole proprietor daily fee to the equity membership private club, should have a Master Plan for Sustainability. This Master Plan for Sustainability should not simply be a map or a booklet that describes new bunkers,


greens, tees and fairways. This Master Plan for Sustainability needs to review, analyze and describe in detail how the entire operation of the whole facility affects the energy, financial and human resources. Only through the efficient understanding and analysis of what a facility has, and how it operates, can a realistic and cost effective foundation for future sustainability be achieved.

This will be the first in a series of articles written about the Master Plan for Sustainability because this is not a subject that can be covered in a few paragraphs. And, in fact, the ideas and concepts that will be set forth cannot be generically applied to all facilities. The general sustainable principles that will be covered in future writing: energy reduction golf course design, renewable energy sources, water management, alternative fuels, recycling, composting and even how to incorporate other land uses into your facility that will improve the sustainability of not only the golf facility, but the community.

Paul Albanese, ASGCA is a principal with Albanese & Lutzke, Golf Course Architects/Construction Managers. They have an office in Plymouth, Michigan and are currently working in five countries on small and large projects



Congratulations to MSU Turfgrass Students Brian Hilfinger, Daniel Graft, Stuart Naugler on each winning a \$1,000 scholarship from the MiGCSA.

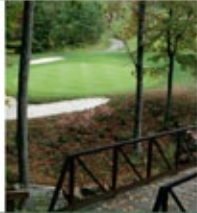



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A FULL ROUND



JAY ECCLETON CGCS

Jay Eccleton, CGCS is the Director of Golf Course Operations at The Emerald Golf Course in St. Johns, and the new president of the MiGCSA. He has been married for 15 years and has three daughters Allison (10 years old), Mackenzie (6 years old), and Isabella (4 years old). Jay plays golf as much as he can and carries an index of 2.9, which is why he was the MiGCSA State Champion in 2009. In 1975 Jay's parents bought Willow Creek Golf Course in Stockbridge he was three years old at the time, and worked there until he was 19. He always knew that he wanted to be in the golf industry. But he wasn't sure what position he desired until two years into PGM (Professional Golf Management) at Ferris State University. He found himself staring out of the pro shop windows longing to be out on the course. He started his education at Ferris State University in 1990 in the PGM program but transferred to Michigan State in 1993 to finish his Bachelor's degree requirements in the College of Agriculture Crop and Soils Science. Jay has been at The Emerald for 11 years, as the superintendent until 2007 when he took over the duties of Director of Golf Course Operations.

WHAT PART OF THAT EDUCATION DO YOU USE MOST OFTEN ON THE JOB?

The knowledge of turfgrass maintenance makes us unique in that we are scientist first and business people second.

WHAT COURSE DID YOU GO TO AFTER COLLEGE?

I accepted a position as an assistant superintendent at Travis Pointe Country Club in Ann Arbor, MI

WHO WAS THE SUPERINTENDENT AT THAT COURSE?

John Seefeldt, CGCS

WHAT DID YOU LEARN FROM THAT SUPERINTENDENT IN THE FIRST YEAR?

It would take a small novel to explain and describe what I learned from John Seefeldt during my first year. I have the utmost respect for him as a person and a professional and I would not be anywhere near the point in my career without his guidance. That holds true to current day as well. I talk to John every couple weeks and we feed off each other's ideas and experiences to help make one another better at the positions we hold at our respective companies.

WHAT ARE YOUR EXPECTATIONS FROM THE MICHIGAN GOLF COURSE SUPERINTENDENTS ASSOCIATION?

To support the turfgrass industry through education and leadership. To help its membership by being a resource of information through publications, educational events, social events and website to help strengthen the superintendent's position in the golf industry.

WHERE CAN THE MIGCSA IMPROVE?

We need to continue to discover new ways to serve our members through education and to continue to try to reach all the golf courses in Michigan and do as much as possible to build our membership base to make MiGCSA one of the strongest GCSAA chapters in the country.



WHAT ARE YOUR EXPECTATIONS FROM THE GOLF COURSE SUPERINTENDENTS ASSOCIATION OF AMERICA?

Being a member of GCSAA is invaluable. The resources afforded to me through membership are second to none. From career developing resources to research updates and environmental advocacies, GCSAA is the leader in the golf industry and is the foundation for which golf will continue to use to become stronger through leadership and education.

WHERE CAN THE GCSAA IMPROVE?

Obviously in this economy we find ways for every business and association to improve fiscally. I have been a member of GCSAA for 18 years and in that time I have never once been dissatisfied with their direction. They have had to make some very tough decisions in the last few years but to me that proves that GCSAA is proactive and not reactive.

WHAT ARE YOUR EXPECTATIONS FROM THE MICHIGAN TURFGRASS FOUNDATION?

The Michigan Turfgrass Foundation has always been the vehicle to support research at Michigan State University. We are fortunate as golf course superintendents to have such a great organization in place for the sole purpose of funding research for turfgrass. It is one of the only ways we can get the most bang for our research funds that are donated to go directly to the professors. They continue to have great leadership on the board and I look for some great things to happen over the next couple years from the MTF.

HOW HAVE YOU GIVEN BACK TO YOUR PROFESSION?

I have served on a board of an association since 2000. I have always felt involvement is so important not only for myself and the opportunity to grow but for the betterment of the association.

WHAT IS YOUR OPINION ABOUT THE AUGUSTA SYNDROME?

I love it. Makes me a better person. There is nothing like Augusta on this planet. They certainly do it right and it continues to make all of us strive to do better. Being that the tournament is the first week of April is perfect timing in Michigan because it gives us all a jolt to the system to find ways to improve our current programs.

WHAT DO YOU SEE FOR THE NEXT GENERATION OF SUPERINTENDENTS?

It is going to continue to be a tough market for golf course superintendents for a while but there are still plenty of jobs available throughout the country. The next generation of golf course superintendent is going to have to be more about business than science. They have to be prepared to step up to that general manager position.

WHO INFLUENCED YOU THE MOST ABOUT TURFGRASS MANAGEMENT?

My father, John Eccleton and my Uncle, Bruce Eccleton taught me and raised me to be the person I am. I learned how to grow grass "cheap". There just was no other way. I watched them both work endless amounts of hours to not only raise a family but to keep a golf course in the best shape possible when the standard green fee rate at the time was \$2.50 per 9-Holes.

IF YOU COULD CHANGE ANYTHING ABOUT GOLF COURSE MANAGEMENT, WHAT WOULD IT BE?

The image of the golf course superintendent to the general public. They are by far the most important asset to a company and many times they are left in the shadows and not offered the recognition they truly deserve.



5 THINGS YOU DID NOT KNOW ABOUT JAY ECCLETON

1. HE HAS ONLY HELD ONE OTHER JOB THAN GOLF WORKING IN A GROCERY STORE IN THE WINTERS WHILE IN HIGH SCHOOL
2. HIS FAMILY STILL OPERATES A PIZZA BUSINESS FROM THEIR COURSE WILLOW CREEK
3. JAY HAS FOUR BROTHERS AND NO SISTERS. ALL OF THEM ARE STILL INVOLVED IN THE TURF/GOLF INDUSTRY, ONE HAS PLAYED FOR THE AIR FORCE FOR OVER 15 YEARS.
4. HE HAS NEVER HAD A SUMMER VACATION LONGER THAN 3 DAYS.
5. JAY IS ALSO THE COACH OF THE OVID ELSIE GOLF TEAM



MiGCSA SPRING MANAGEMENT MEETINGS

In February and March the MiGCSA Education Committee, chaired by Jeff Holmes, CGCS, put together three fantastic education seminars across the state. Starting on the 28th of February at the Inn at St. Johns and host Dave Pawluk, CGCS, then to Egypt Valley County Club on the 14th of March with host Jeff Holmes, CGCS and finishing up at Treetops on the 21st with host Scott Pulaksi. 187 MiGCSA members attended the 16 hours of education put on by 18 presenters for a total of 1.95 GCSAA CEU's. Special thanks go out to all of our presenters including Dr. Ron Calhoun – MSU, Geoff Simril – Harrell's, Steve Cook, CGCS – MG Oakland Hills C.C., Dr. Harry Niemceck, Dr. David Smitley – MSU, Tim Bell – Ameriprise Investors, Brian Mavis – Mavis Consulting, Steve Loveday – Great Lakes Turf, Todd Duncan – Consumers Energy, Trevor Tkach – National Cherry Festival, John Garlets – Spartan Distributors, Mike Hirvela – Bayer, Jeremy Warner – Weingartz Golf & Turf, Lora Freer – MSU Extension, Gerald Husemann – BASF, Scott Blecke – Consumers Energy, John Garlets – Spartan Distributors, Wayne Musteffe – Jacobsen/Textron and Pat Jones – Golf Course Industry. A thank you also to Jason Tyson and Dave Ertl for helping with the Technician seminars at all three events, and to the Assistants Committee Co-Chaired by Dan Koops and MiGCSA Board Assistant Liaison Ryan Moore for the Assistant roundtable in Detroit.

Every meeting was only \$65 for Superintendent, \$45 for Assistants, and only \$25 for current Technician members and free if you were a new Technician Member with a lunch and .65 CEU's per meeting. If you have ideas for future improvement to these meeting please let us know, look for another great lineup in March of 2012.



Thanks for being a part of who we are.

At Par Aide, we never forget it's your dedication to the course that constantly drives us to provide new, more innovative products. Products that save you time and deliver superior value. So from Par Aide, a sincere thank you for being our valued partner.

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E-10 GASOLINE IS HERE, E-15 COMING SOON!

ARE YOU AWARE OF THE EFFECTS OF ETHANOL?

Over the past decade, ethanol usage has increased to E-10 (10% ethanol) now throughout the United States and continues today with E-15 blends on the horizon. The following demonstrates the negative side effects of ethanol-blended fuels. This is especially true for older power equipment and engines not designed to tolerate ethanol-blended fuels.

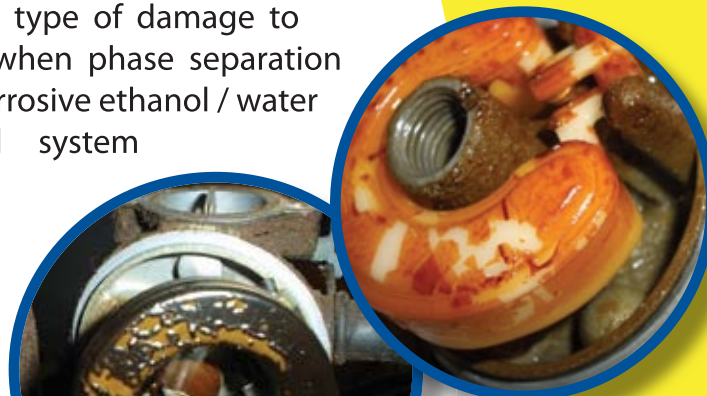
Did you know that ethanol can have devastating effects on power equipment? Ethanol blended gasoline can damage plastic and rubber fuel system components, particularly in older power equipment not designed to tolerate ethanol. In the example to the right, the bowl gasket became brittle and non pliable. The 2-cycle carburetor diaphragms on the far right are stiff causing starting and running problems. The primer line and return lines are brittle causing fuel to leak.

Ethanol is corrosive by nature and hygroscopic (attracts water), particularly when higher amounts of water are present. This type of damage to a carburetor is typical when phase separation occurs and the highly corrosive ethanol / water mixture corrodes fuel system components.

High amounts of oxygen in ethanol blended fuels cause gasoline to decay faster, and if left standing for long periods of time, the decaying fuel leaves varnish and sludge deposits as depicted in these carburetor images.

Gasoline and milk are both organic -- they decompose the same way. A foul, sour smell indicates BAD GAS!

Power equipment not treated with an ethanol fuel stabilizer will become hard to start within 30 days. **Gasoline will decay in as little as 60 days!**



Information Provided By:



B³C Fuel Solutions
LLC

E-10 GASOLINE IS HERE, E-15 COMING SOON!

ARE YOU AWARE OF THE EFFECTS OF ETHANOL?

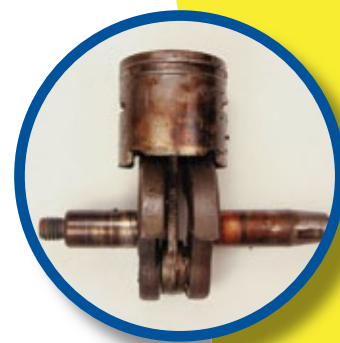
2 Cycle Phase Separation: The engine to the right has been destroyed from phase separated fuel. Ethanol is hygroscopic (absorbs water), the vial to the right is from the fuel tank of this engine. The fuel on top is gold in color because 2 cycle oil will only bond with the gasoline. The octane is also lower because the ethanol has separated from it and bonded with the water below. Approximately $\frac{3}{4}$ of the clear fluid in the bottom of the vial is ethanol. The ethanol water mix settles in the bottom of the fuel tank and is picked up by the fuel system, then delivered to the carburetor. The engine ran on this ethanol mixture, causing it to run extremely hot with no lubrication. This damage occurs in only a few minutes of operation. The engine also ran out of control, which poses serious safety concerns for the equipment operator.



4 Cycle Phase Separation: This carburetor suffered from severe phase separation. More than likely, rain water entered into this fuel system, creating the severe corrosion you see. This carburetor cannot be repaired and must be replaced.



Engine Failure from Varnished Fuel: This piston and crankshaft assembly came from a 2-cycle engine that ran on stale fuel. The engine was hard to start and had low power. It ran long enough to gum all of the internal components, including sticking the rings.



WHY? The problem with gasoline containing ethanol (E-10) is when it is left standing in a fuel system for long periods of time with fluctuations in temperature & humidity -- the fuel will start to decay in as little as 60 days. What would happen if you left milk in the back of the refrigerator for 60 days? E-10 gasoline decomposes the same way, just not as visual -- a foul, sour smell is prevalent when E-10 is decaying.

Information Provided By:



Ethanol Problems?

Ethanol Solutions!



Mechanic In A Bottle™ Fuel System Fix All



- Removes Heavy Varnish Deposits From Fuel System!
- Fix All Hard To Start Engines Without Removing The Carburetor!
- Conditions Rubber And Plastic Parts!
- Boosts Octane Level!



Ethanol
Shield™



Multi-Purpose Ethanol Fuel Stabilizer

- Rubber & Plastic Protection / Rejuvenation!
- Water Removal!
- Superior Fuel Stabilization!
- Bonds 2 Cycle Oil With Ethanol For Superior Protection!



DIESEL Mechanic In A Bottle™



DIESEL Fuel System Fix All!

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- Increase Cetane By 2-3 Points!
- Metal Affinity Compound Prevents Fuel Tank Corrosion!
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TOM BURKE

EQUIPMENT TECHNICIAN AT THE PINES GOLF CLUB

Tom Burke is the Equipment Technician at The Pines Golf Club in Lake Isabella. He has been married to his wife Jennifer for 4 years. They have a son Joey who is 10 years old, and one on the way, due in Aug (it's a girl). They also have 3 dogs, Rex (black lab), Molly (yellow lab), and Darwin (Pomeranian).

1. HOW DID YOU BECOME INVOLVED IN THE GOLF BUSINESS?

After I got out of the service (Seabee) I saw a career opportunity at Shepherd's Hollow Golf Course. A friend of a relative knew the Supt. and got me an interview. I just got the job and I was in the golf business.

2. WHERE DID YOU RECEIVE YOUR EDUCATION?

High school, military, and working for Toro (Spartan Distributors, Auburn Hills). Practical education and growing up watching my dad work on stuff.

3. WHAT ARE THE BIGGEST ISSUES FACING EQUIPMENT MANAGERS TODAY?

Not enough education because the equipment is becoming more sophisticated with modern technology and classes to work on it aren't easily available. Fuel injection, electronics, computerization, all takes special training (that I used to get working for Spartan)

4. HOW WOULD YOU LIKE TO BE REMEMBERED 100 YEARS FROM NOW?

I wanted to be seen as a good husband and father, and someone who made a difference.

5. WHO INFLUENCED YOU THE MOST ABOUT EQUIPMENT MANAGEMENT?

My work experience with my old bosses and close friends. I've got two names, Dave Rowe and John Luck.

6. HOW DO YOU RATE IMPORTANCE OF THE EQUIPMENT MANAGER'S ROLE AND INFLUENCE IN THE GOLF INDUSTRY? ?

It should be an important part of any turf operation. The golf industry who solve problems on the course by designing the equipment get valuable input from turf mechanics. They rely upon the practical experience of mechanics to build the equipment better.

7. WHAT IS THE OLDEST PIECE OF EQUIPMENT THAT IS STILL USED?

We had a 1992 Cushman the we finally put to sleep last summer. A couple of our tractors are from the 60's. Our Groundsmaster is a 1997 and it still works hard. Our tee mowers and our roller triplex' are all over 13 years old.

8. WHERE DO YOU SEE THE FUTURE OF GOLF EQUIPMENT HEADING?

Replacing operators with computers. And maintenance free equipment, like the Toro DPA cutting units, no grease fittings.

9. WHAT IS YOUR FUNNIEST STORY FROM ALL OF YOUR YEARS MAINTAINING EQUIPMENT?

When I was working at Shepherd's Hollow and an emus got loose out on the course. We tried catching it but it was too fast. The local farmer lost track of it and we had to call the humane society to come out and shoot it with a tranquilizer. It was a riot.

UNDER THE HOOD





INDUSTRY PARTNERSHIP PROGRAM

THANK YOU

TO MiGCSA'S 2010 TOP INDUSTRY PARTNERS

SUPPORT THE COMPANIES
THAT SUPPORT YOUR ASSOCIATION



SUMMER PATCH BULLETIN



Gain control this spring over summer patch

Preventive applications of Headway® and Heritage® fungicides allow for effective control of summer patch and initial infection.

Note: Application 1 to be applied in the spring when soil temperatures reach 65° F at a 2" depth for two to three consecutive days.

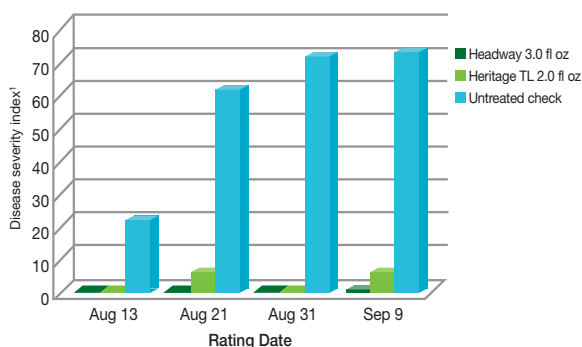
Application	Approximate Timing	Fungicide	Rate
#1	See Note Above	Headway	3.0 oz/1,000 ft ²
#2	28 days later	Headway	3.0 oz/1,000 ft ²
#3 (If Needed)	28 days later	Cleary's 3336®	6.0 oz/1,000 ft ²
#4 (If Needed)	28 days later	Heritage	2.0 oz/1,000 ft ²

Preventive Solution

- Spray volume of 4 gal/1,000 ft² is best for treating ectotrophic fungi with systemic fungicides or irrigate the solution to the crown and roots before the application dries.
- Azoxystrobin, the active ingredient present in both Heritage and Headway fungicides, has superior plant uptake and movement compared to other Qol fungicides, resulting in quicker plant protection when it is needed most.
- Headway fungicide offers a **dual mode of systemic activity** that is second to none, with control of **more than 25 additional common and difficult-to-control diseases**.
- Heritage fungicide's cycle of systemic activity attacks the disease in the root system where activity is present, then features xylem movement upward through the blade to new growth for complete plant protection.

Preventive Control of Summer Patch

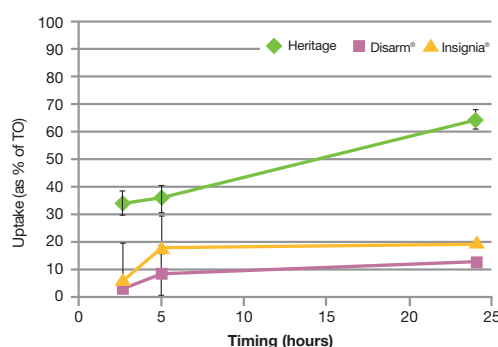
Rutgers University, Clarke, 2009.



¹Disease Severity Index = patch diameter X disease intensity
Fungicide applications made 5/26, 6/24, 7/22 to Kentucky bluegrass in 4.0 gallons of water/1,000 ft²

Qol (strobilurin) Retention and Uptake Study—24 hours

Bartlett, Syngenta Jealott's Hill, UK, 2009.



- Heritage TL, Disarm® 480SC and Insignia® 20WG formulations used. Broadcast applications sprayed at 1.5 gal/1,000 ft² to potted ryegrass maintained at fairway height, 8 reps—top leaf clippings sampled, analyzed at 0, 5, and 24 hours after application. Clippings were shaken in methanol to assess surface fungicide levels, analyzed via LCMS.
- Superior uptake and movement up and out of leaf tissue with Heritage (increasing surface fungicide detection going from 5 to 24 hours indicative of fungicide active ingredient translocation), with no statistically significant differences in uptake between Disarm or Insignia.

To learn more, contact Scott Trbovich at 248-830-6065
or scott.trbovich@syngenta.com

syngenta.

FROM NATIONAL



STEVE RANDALL

WHAT IS YOUR VISION?

BY STEVE RANDALL— GCSAA SENIOR MANAGER, CHAPTER OUTREACH

Finally, the golf season is underway! Hopefully everyone enjoyed winter, had the chance to refresh their batteries and are ready for a successful 2011 season.

As you get in to the daily grind, I challenge you to ask a question.

Have you outlined your vision? For you? For your staff? Have you discussed where you want to go in 2011? More importantly, have you thought about how to get there?

Recently, chapter leaders and executives from across the country visited GCSAA for our annual leader/executive symposium. Chad Carden, who discussed ways to improve communication and leadership, challenged attendees to develop vision for you and your team.

So, that sounds great and all, but why would having a vision be important?

Without a vision and without communicating that vision, it will be difficult to get anywhere. It will be difficult to move forward. Without moving forward we are stagnant. Think about it.

This applies at your facility. It also applies individually. Think about your interactions within the community. Do you have a son or daughter that is involved with various activities? Are you active at your church? Do you serve on a board of directors separate from your facility? If so, you already have a vision and may not be aware of it. Giving back is a vision. Communicate that. Be excited to get involved.

Having a vision is vital to success. There is nothing better than developing a plan, working as a group and being successful. I see this daily in your profession. Is there anything better than working as a group, seeing a project followed through and ultimately being successful? When projects go well, there is PLENTY of credit to go around.

Develop that vision for you and your team. You will be surprised by what you accomplish! Support the MiGCSA. Feel free to work with Adam and the MiGCSA board of directors. This is a dedicated group whose vision is to make your association better and serve your needs!

Have you checked out GCSAA lately?

GCSAA works with the MiGCSA to help with education and professional development, enhancing your abilities as a leader and learning the importance of communication is vital...And it's right there in front of you!

In the near future, you will see an updated GCSAA.org website. We hope the cleaner look and easier navigation will make the site a regular "must see" occurrence. We continue to add value. GCSAA member savings is a way to enjoy discounts with partners. The program will evolve and we ask that you take advantage. Also, give us your feedback.

Advocacy efforts are continual. Media relations and providing communications regarding your profession is essential, not only when times are difficult, such as last summer, but also as a means to communicate with your members. Consider new ways to communicate with your staff...or members. Blogs from superintendents are becoming an effective way to reach out to golfers. If you have a blog, communicate that in your golf shop or restaurant...If you have any questions on developing a blog or getting people to read the blog, please contact our staff. We will be happy to assist! Also – there's nothing better than two-way communication. Being on site. Being visible and willing to talk to your patrons.

The MiGCSA will be working with allied golf associations in the state, as part of the Michigan Golf Alliance, to hold a Legislative Golf Day at the Capitol in Lansing June 22. Industry representatives throughout the state will be meeting with key individuals to show the importance golf has recreationally, economically and professionally. This is a huge member benefit and made possible by the hard work of your membership and staff. It is a vision of the MiGCSA and they are following through! A plan is only as good as its execution.

Recaps

We hope you participated in the GCSAA National Golf Championship, Education Conference and Golf Industry show. The comments on the event have been very positive. In addition, your feedback is vital to making the show a success in the future. You may have heard various figures on attendance and participation. I wanted to provide the direct facts:

- Total attendance was tallied at 14,781 (up 4% over 2010 – noting CMAA figures were not included since they were not a partner in 2011).
- Qualified buyers were 5,752 (up 11% from 2010)
- 551 exhibitors and 180,000 square feet
- On education:
 - » 5,272 seats filled more than 100 seminars

It was also great to see many of you at our national championship, education conference and golf industry show, as well as your hospitality room in Orlando. Remember, feel free to contact your field staff member, John Miller as well as our staff for any questions you have. We appreciate your engagement.

We hope you view GCSAA as a resource. We want to see the value of your membership. It is our vision to assist you during 2011 and to have a successful year. We hope you take advantage of the resources available to you.

Steve Randall, GCSAA Senior Manager, Chapter Outreach,
800/472-7878



Perennial Ryegrass

Winner of the



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it's recognized in a
category of its own.
(*Lolium perenne stoloniferum*)

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THE BETTER HALF



RYAN MOORE



Forest Lake
Country Club

Ryan Moore is the Assistant Superintendent at Forest Lake Country Club. Ryan married his life partner, Christy, 8 years ago in Mayan Riviera, Mexico and has a daughter named Calista Mary who is 15 months old. He is involved with different sports, but the majority of his spare time he enjoys spending with family and traveling. This year Ryan will begin serving as the Assistant Superintendent Liaison to the MiGCSA Board of Directors and is an avid Hockey fan.



1. HOW DID YOU BECOME INVOLVED IN THE GOLF BUSINESS?

Growing up, our neighbor's back yard was a 9 hole Bent/Poa putting green. I would go over there and play rounds against the owner with the hopes of finally beating him. The prize if I won, I would be allowed to cut the green and pick the hole locations for our next match. When I was finally victorious and was able to maintain the putting green, I found something that I truly enjoyed. He suggested that I should take my interests and skills into the golf business. Which I should clarify, it was not my golf ability!

2. WHERE WAS THE FIRST COURSE YOU WORKED ON?

Brampton Golf Club

3. WHEN DID YOU KNOW THAT THIS WAS A JOB YOU WANTED TO DO AS A CAREER?

Upon graduating my 3 year diploma in Computer Aided Design, the reality of a desk job scared me. I went back to my golf course roots and took a two year program in Turf Management.

4. HOW HAVE YOU GIVEN BACK TO YOUR PROFESSION?

I have continually served on the Assistant's committee. I was involved in the initial creation of the Greater Detroit Assistant's Committee which evolved into the current MiGCSA Assistant's Committee. In 2011 I will be serving on the MiGCSA Board as the Assistant Liaison. In which I look forward to representing Assistants and their involvement in MiGCSA.

5. WHAT ARE THE BIGGEST ISSUES FACING ASSISTANT SUPERINTENDENTS TODAY?

Finding career satisfaction. Staying in the role of Assistant Superintendent for longer periods of time or as a career, have become very common in today's industry.

6. WHAT DO YOU SEE FOR THE NEXT GENERATION OF ASSISTANT SUPERINTENDENTS?

The next assistant superintendent will continue to have a bigger role at their facilities. I believe that along with their traditional responsibilities of irrigation, fertilizers, chemical applications, and crew management, assistants are becoming more involved in planning, budgeting and member communication.

7. WHO INFLUENCED YOU THE MOST ABOUT TURFGRASS MANAGEMENT?

I've had the opportunity to work for great Superintendent's. Most recently working for Fritz McMullen who has shared with me great insight on turf management from his 40+ years of experience.

8. WHAT IS YOUR FAVORITE GOLF HOLE YOU HAVE PLAYED?

3rd hole at Torrey Pines South course, par 3 overlooking the ocean.

9. WHAT IS YOUR FAVORITE GOLF COURSE THAT YOU HAVE PLAYED?

Torrey Pines South course

10. WHAT IS THE TOUGHEST GOLF COURSE YOU HAVE PLAYED?

I have been defeated by so many, it would be unfair to honor just one.

11. WHO MAKES YOU LAUGH THE MOST ON YOUR CREW?

Jose, our mechanic. A great personality and interesting sense of humor.

12. NAME ANY THREE PEOPLE WHO WOULD MAKE UP YOUR "DREAM SCRAMBLE TEAM"

Wayne Gretzky, Tiger Woods, and Mike Weir

13. WHY DID YOU CHOOSE A TURFGRASS MANAGEMENT CAREER PATH?

This career simply has everything. Outdoor work environment, daily challenges, an ever-changing environment from one day to the next, and a team atmosphere where a crew working together can accomplish anything.

14. PLEASE DESCRIBE IN DETAIL ONE TRUE FUNNY STORY FROM YOUR CAREER THAT YOU SHARE WHEN IN THE COMPANY OF OTHERS IN THE INDUSTRY.

Well...I was a night waterman at Brampton G.C. in the summer of 1999. The course was undergoing phasing in of a new irrigation system but was still on manual control. One night in August I saw lights coming toward me on the golf course, it looked almost like a 4x4 off-roading. So I went to check it out. I met up with the vehicle on the middle of the 8th fairway. It was a police car! who proceeded to question me what I was doing. I explained I was watering the course and the officer explained he was doing his job by making sure no vandalism was taking place. So taking authority into my hands, I told the officer "cart paths only" on your way out!



5 THINGS YOU DID NOT KNOW ABOUT RYAN MOORE

1. I AM THE ASSISTANT LIAISON FOR MIGCSA IN 2011
2. 10 YEARS AS ASSISTANT SUPERINTENDENT, 21 YEARS OF GOLF COURSE MAINTENANCE EXPERIENCE
3. I AM A DUAL CITIZEN, CANADIAN AND US. I WAS BORN IN CANADA, AND MOVED TO THE UNITED STATES IN 2003. I BECAME AN AMERICAN CITIZEN THROUGH NATURALIZATION IN 2009
4. I WAS HIRED AS ASSISTANT SUPERINTENDENT AT FOREST LAKE CC IN 2004. THE SAME YEAR RYAN MOORE WON THE US AMATEUR, AND NCAA INDIVIDUAL GOLF CHAMPIONSHIP.
5. I HAVE BEEN INVOLVED WITH THE SPORT OF "CURLING" FOR 18 YEARS, MOST RECENTLY A MEMBER OF THE DETROIT CURLING CLUB.





KATE MOORE

MICHIGAN GOLF DAY AT THE CAPITOL

BY: KATE M MOORE, EXECUTIVE
DIRECTOR, MGA



Each year for the past decade golf course owners, operators and superintendents have gathered in the spring to bring a cooperative message to the legislature. This year, the newly established **Michigan Golf Alliance**, comprised of the leaders of Michigan golf industry associations, have come together to create a dynamic event to promote the game and the business of golf. Wednesday, June 22 will be **Michigan Golf Day at the Capitol**.

MI Golf Course Owners Association, Michigan Golf Course Superintendents Association, Michigan Section PGA, the Golf Association of Michigan, Michigan Club Managers Association and the Michigan Turfgrass Foundation will rally at the Capitol and visit every Legislator. The Capitol lawn will be the venue for our unprecedented event.

The **Michigan Golf Alliance** has put together a great program to facilitate golf industry representatives to introduce themselves

and inform the new Legislators and their staff of who we are and what our industry brings to the State of Michigan. I can't overstate the importance of this day. The schedule will include Senate and House office visits, a keynote speaker, "lunch on the turn" provided by Eagle Eye Golf Course. All Legislators will be invited to the luncheon with their constituents.

This is a great way for you to meet your Representative and Senator or their staff. That personal contact can be invaluable. Putting a face to an issue can contribute to the Legislators' involvement and propel our organizations to a leadership position on issues. This is a critical part of our advocacy efforts with elected representatives. Remember, only Legislators can introduce legislation. Find out more about the legislative process. Come to **Michigan Golf Day at the Capitol, Wednesday, June 22**. Let's make the voice of Michigan golf business that much louder.



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A CALL FROM CAMPUS

MTF FUNDING AND THE MSU TURFGRASS PROGRAM

By Kevin Frank

The mission statement of the Michigan Turfgrass Foundation is "To work in partnership with Michigan State University, supporting ongoing programs in research, education, and extension in the area of professional turfgrass management that will benefit all individuals who manage turfgrasses or derive pleasure from the results of such management." The MTF supports these missions by providing grants annually to the MSU Turfgrass Science Team. The MTF has a long-standing relationship with MSU administration and is one of the state commodity groups that have no indirect costs charged against the money they donate. Indirect cost rates, commonly referred to as university overhead, is the amount of money that the university takes from a grant before it arrives to the professor. For example the university overhead rate on research grants is 51%. For example, if I were awarded a \$100,000 research grant the university would take \$51,000 and I would receive \$49,000 to conduct the research. You may wonder what the university uses their 51% cut for, well I typically describe it as keeping the lights on, the roads plowed, the buildings heated, salaries paid, and more. The grants awarded by the MTF are not charged overhead so 100% of the money donated goes towards our programs. The continued support over the years from the MTF and the industry donations to support the Hancock Turfgrass Research Center have no doubt played a huge role in the MTF having the 0% overhead rate agreement with the university.

As with every segment of the industry, our costs are rising and the pool of national grant and industry money we're competing for is not increasing. In addition to funding specific research projects that address agronomic issues we are all funding people, both graduate students and research technicians. Currently we have six graduate students and five research technicians working in turfgrass science. These are the people that are conducting the field and

laboratory research on a daily basis, assisting with teaching courses, giving extension presentations at the GLTE and Field Day and providing the faculty with the flexibility to make site visits throughout the year. Industry associations, like the MiGCSA, make contributions to the MTF. Those contributions are pooled with other donations to form the basis of the grants given to the MSU Turf Team. Those grants play a critical role in the ongoing success of the MSU Turfgrass Program and a vibrant turfgrass industry in Michigan. There are many ways you can help: support the MiGCSA fundraisers, become an MTF member, donate a round from your course for TeeTimes4Turf, have your club make a donation to turfgrass research through the GAM. Your support for our program and funding through the MTF is critical to our success and on behalf of the entire MSU Turf Team please accept my thanks for your continued support. Below you'll find a list of our research technicians and graduate students.

Research Technicians

Jeff Bryan: Turfgrass Soils and Nutrition (Frank)

Ron Detweiler: Turfgrass Pathology (Vargas)

Aaron Hathaway: Turfgrass Weed Science (Calhoun)

Terry Davis: Turfgrass Entomology (Smitley)

Nancy Dykema: Turfgrass Pathology (Vargas)

Graduate Student/Advisor

Jeff Dunne, M.S./Rogers

Nancy Dykema, M.S./Vargas

Paul Giordano, Ph.D./Vargas

Yan Liewe (Leo), M.S./Vargas

Mark Miller, M.S./Steinke

Miyuan Xiao (Nancy), M.S./Frank

Rodney Tocco, Ph.D./Nikolai

Research Project

Stress Responses of Kentucky Bluegrass Varieties in Monostands and Blends.

Irrigation effects on dollar spot incidence in creeping bentgrass.

Occurrence and Identification of an Emerging Bacterial Pathogen of Creeping Bentgrass.

Optimizing the Efficacy and Environmental Fitness of a Commercial Pseudomonas Bacterial Biocontrol Product for the Control of Turfgrass Disease.

Water management for sustainable Creeping bentgrass and Poa putting greens.

Nitrogen Carrier Effects on Creeping Bentgrass Grown on Three Rootzones

Determining Plant Available Water for Sustainable Water Conservation with Evapotranspiration Replenishment Regimes, Wetting Agents and Cultural Practices.

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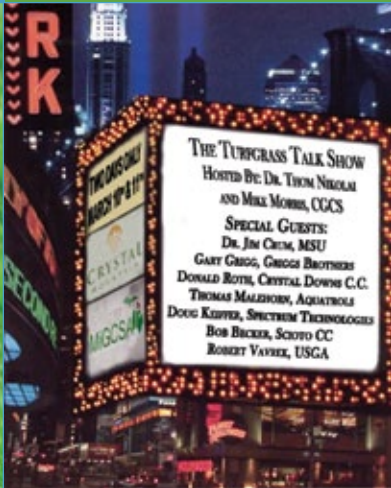
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SKI AND LEARN TURFGRASS TALK SHOW

The first ever Turfgrass Talk show took place in front of a live studio audience on March 10th and 11th at Crystal Mountain Resort and Spa in Thompsonville. This two day event was the brainchild of Dr. Tom Nikolai and Mike Morris, CGCS at Crystal

Downs C.C. There were great room rates offered to conference attendees, \$10 lift tickets and .80 GCSAA CEU's.

In looking back at the history of talk shows it is key to have a great host this role was filled by Dr. Nikolai with Mike Morris providing the role of permanent guest on the couch, or if you will, sidekick. Of course the other critical dynamic is the band and the band leader, the likes of Paul Schafer, Kevin Eubanks, Doc Severenson, and Max Weinberg come to mind. You can now add to that list Bronk Brothers 1.0 and band leader Johnny "Dutch" Fulling, CGCS on drums and vocal with Heath Bronkema on guitar and vocals. The band played guest on and off stage and into and out of commercial breaks for our 2011 tiered Industry Partners like Platinum Partner BASF, Gold Partners Bayer, Spartan, Weingartz, and Midwest, Silver Partners Syngenta, Tri-Turf, Quali-pro, and Rain Bird.



The guests with the band and hosts.



The overall theme of the talk show was putting green management. The first day was comprised of Nutrition by the numbers featuring Dr. Jim Crum on the way soil tests are analyzed, Gary Grigg, CGCS, MG on foliar fertilizer, and Mike Morris, CGCS on his interpretation of soil and tissue tests at Crystal Downs. After lunch the topic was Irrigation by the numbers with Thomas Malehorn from Aquatrols speaking on causes of hydrophobic soils, Doug Keiffer from Spectrum Technologies on measuring soil moisture, and Don Roth Assistant Superintendent at Crystal Downs C.C. on real world soil moisture measurement and syringing. And at 3:00 it was off to the ski hill.

Day two started out with a theme of playability. Host Dr. Thom Nikolai and Mike Morris discuss the uses and applications of the Klegg, Stimp, and Pelzometer while sharing data they correlating green speed with surface hardness. Bob Vavrek Mid-West Agronomist for the USGA presented his thoughts and information from the USA on green playability and how it is measured. The day and the talk show finished up with Bob Becker from Scioto Country Club on the total rebuild of the greens at Scioto to increase firmness and green speed.

Stay tuned for the next episode of the Turfgrass talk show in February of 2012!



Dr. Nikolai interviews Dr. Crum, Gary Grigg and Mike Morris, CGCS.

Dr. Nikolai discusses wetting agents and soil moisture with Don Roth Doug Kiefer and Thomas Malehorn.





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IN THE NEWS

To read more about these stories and many more go to www.MiGCSA.org

FRANKFORT SUPERINTENDENT RENEWS PROFESSIONAL CERTIFICATION

Michael D. Morris, GCSAA certified golf course superintendent at Crystal Downs Country Club, Frankfort, Mich., has completed the renewal process for maintaining his status as a Certified Golf Course Superintendent (CGCS) with the Golf Course Superintendents Association of America (GCSAA).

CONGRATULATIONS INCOMING PRESIDENT JAY ECCLETON, CGCS, OFFICERS AND BOARD MEMBERS

The Michigan Golf Course Superintendents Association (MiGCSA) held its elections on March 23, 2011 via online vote. Jay Eccleton, CGCS, Director of Golf Course Operations at The Emerald Golf Course, St. Johns was elected President with this vote. Eccleton succeeds Ron Dahlin, CGCS. Newly elected officers include Greg Pattinson, Superintendent at The Captains Club, Grand Blanc as Vice President, and Gregg Matthews Superintendent at Lakelands Golf and Country Club, Brighton as Secretary/Treasurer. Tim Dark, CGCS and Jeff Holmes, CGCS were also re-elected to the Board of Directors.

PROXY/PRIMO APPLICATION TIMING SHOULD BE BASED ON CONVENIENCE, NOT TYRANNY

Warm temps in mid-to-late-March have us on the doorstep of triggering several target ranges on GDDTracker. Seems like each year I start to receive emails and phone calls from superintendents ready to spray Proxy/Primo the minute their GDD totals are 'in the green.' Remember, a GDD application range is just that, a range. It does not mean that you have to get your sprayer on your water-logged, mostly dormant golf course just to get an application down right at 250.

WINTERKILL ON GOLF COURSES

I spent yesterday touring golf courses in the greater Detroit area and unfortunately there was some winterkill injury again this year. In contrast to last year, the injury is not as widespread but if your course was hit, any damage is too much for starting another golf season. There was typical 'bird-bath' crown hydration injury on isolated areas of putting greens and in low-lying areas of fairways.

2011 CALENDAR OF EVENTS

Wednesday, May 25	MTF LaFontaine Outing (Links of Novi, Novi)
Monday, June 6	MiGCSA Foundation Fundraiser (Arcadia Bluffs, Arcadia)
Monday, June 13	GAM Super Day (Hancock Turf Center and College Fields, East Lansing)
Wednesday, June 22	Legislative Day in Lansing (MiGCSA, MGCOA, MiPGA, GAM)
Tuesday, July 12	MiGCSA Golf Event (Flint Elks, Grand Blanc)
Monday, August 1	MiGCSA State Championship (Railside Golf Club, Byron Center)
Wednesday, August 17	MTF Field Day (MSU Hancock Center, East Lansing)
Monday, September 19	Tuck Tate Championship (Black Lake Golf Course, Onaway)
Monday, September 26	MiGCSA Foundation Fundraiser (Harbor Shores Golf Club, Benton Harbor)
Monday, October 3	MiGCSA Foundation Fundraiser The Big Event (Warwick Hills CC, Grand Blanc)
Monday, October 17	Assistant's Golf Outing (Whispering Pines Golf Club, Pickney)

Please visit www.MiGCSA.org for all of the latest and most up to date information. You can quickly and easily register for events, view past issues of Course Conditions, browse and post items for sale, post and browse classifieds, and so much more. If you need help logging in email us at info@migcsa.org.



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