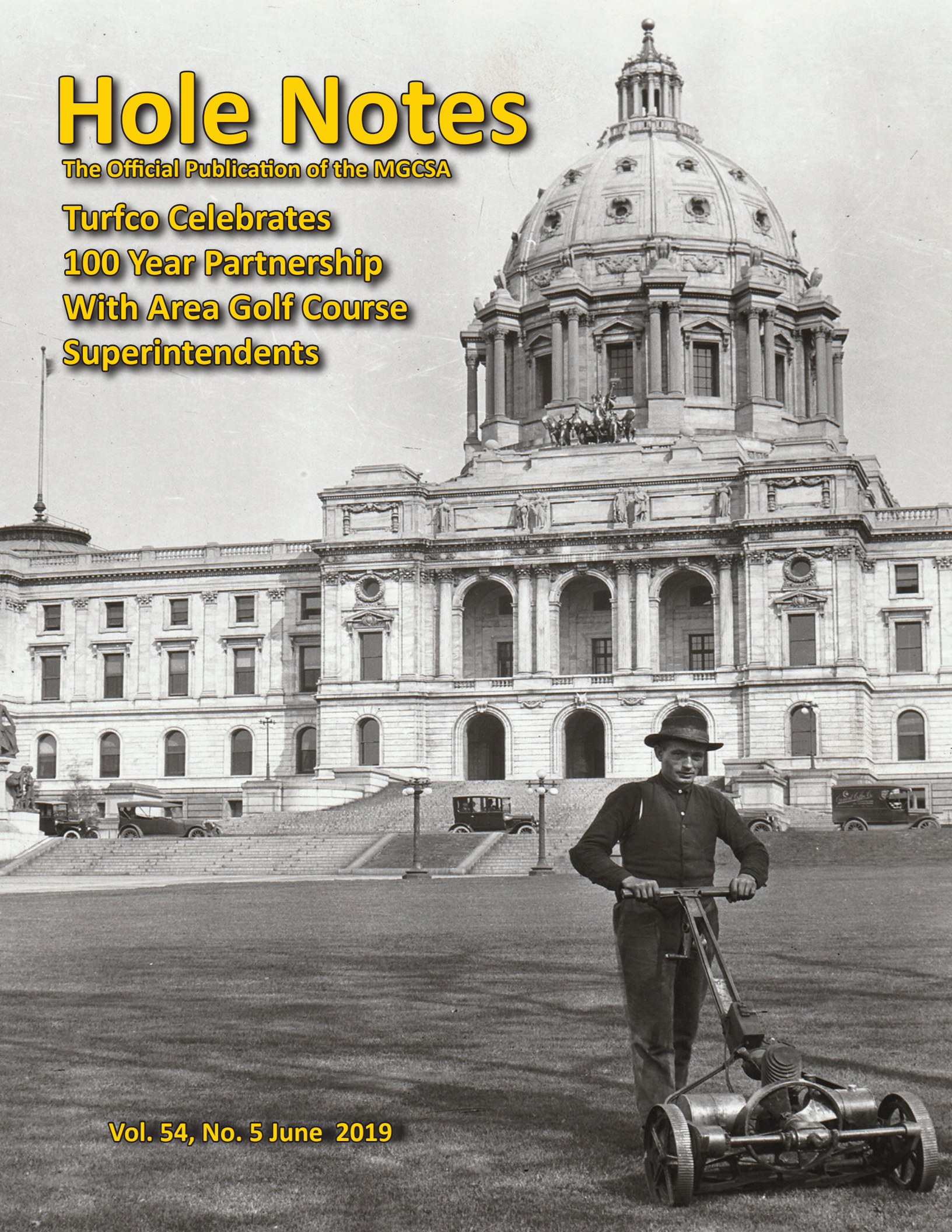


Hole Notes

The Official Publication of the MGCSA

**Turfco Celebrates
100 Year Partnership
With Area Golf Course
Superintendents**



Vol. 54, No. 5 June 2019

Platinum Podium and Event Sponsor



Gold Tee Prize and Event Sponsors



Plaisted
Companies
INCORPORATED



People... Products... Knowledge...

Silver Tee Sign Event Sponsors



VERSATILE VEHICLES

Frost Inc.

Spray Technology Products

Superior Tech Products



For the Strongest Turf



TWIN CITY SEED COMPANY.



TurfWerks



Reinders



Science For A Better Life



An Employee-Owned Company

Greensmaster® TriFlex® HYBRID & HYDRAULIC RIDING GREENSMOWERS



100
YEARS
IN GOLF
1919 2019



State-of-the-art cutting performance.

Finally a riding greensmower that cuts as flawlessly as a walker. The Greensmaster TriFlex Series models are packed with cutting performance innovations that leave greens with an exceptional quality of cut, superior aftercut appearance, and improved turf health.



Phone: (763)592-5600
4830 Azelia Ave. N Suite 100.
Brooklyn Center, MN 55429
www.mtidistributing.com





Special Interest

Mid-West Exposure Golf	Page	31
Seasonal Staffing Stories	Pages	38 - 39
Lightning Facts and Myths	Pages	40 - 43
Don White Tournament	Pages	44 - 45

Mark Your Calendar:

August 19

Northern Exposure at Lakeside National Golf Course

Host Nathan Beckman

August 26

Badgerland Exposure

Host Nick Peinovich

September 5

The Championship at Oak Glen Golf Club

Host Pete Mogren



Superior Tech Products

Leading Edge Turfgrass Solutions
Golf Courses | Sport Fields | Parks

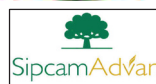
952-546-3678

www.stproots.com

stp@stproots.com



- * Liquid & Granular Fertilizers
- * Organic Fertilizers
- * Post Patent Pesticides
- * Aerification Tines & Bedknives
- * Natural & Artificial Turf grooming equipment.



Feature Articles:

- The “Other Side”** **pages 8 - 16**
By Eric Counselman, Superior Turf Services
- Family Planning, a day in the life of a super’s wife** **pages 18 - 21**
By Liza Chmielewski, Gertens Wholesale
- A Practical Option For Mapping Fairway Soil Moisture** **pages 22 - 25**
By Dr. Chase Straw and Dr. Brian Horgan. UMN Turfgrass Science
- Turfco: A Century Of Partnerships** **pages 26 - 36**
By Scott and Stan Kinhead, Turfco

Monthly Columns:

- Presidential Perspective** **pages 6 - 7**
By Matt Rostal
- In Bounds** **pages 46 - 49**
By Jack MacKenzie, CGCS

Editorial Committee

Matt Cavanaugh
MATTC@UMN.EDU
Liza Chmielewski
LIZA@GERTENS.COM

On the Cover
The Capitol Campus gets a trim with the “new” National walk behind mower.
Pages 26 - 36

Hole Notes (ISSN 108-27994) is digitally published monthly except bimonthly in November/December and January/February by the Minnesota Golf Course Superintendents’ Association, 10050 204th Street North, Forest Lake, MN 55025. Jack MacKenzie CGCS publisher. Please send any address changes, articles for publication, advertising and concerns to jack@mgcsa.org.



Presidential Perspective

by Matt Rostal, Superintendent Interlachen Country Club

The days in June are passing very quickly which means July will be here soon and so will the dog days of summer. My winter damage is finally filling in and, in my opinion, the bent grass has finally started some lateral growth which is squeezing into the open voids. My golf course should be completely recovered when July arrives. I really do hope that everyone who has had winter damage is recovering and is getting close to being fully recovered for the rest of the season.

Before we get into the full swing of summer it would be great to look ahead at our calendars to see if you could attend either of the two MGCSA Exposure events in August; the first is the Northeast Exposure at Lakeview National in Two Harbors on August 19th , and the second is Eau Claire CC

on August 26th. I do think it is impactful to have a diverse group of Superintendents from different areas of the state attending these programs. I think these are great opportunities to get away from our own golf courses to relax, play a different golf course and network with other Superintendents. I am going to attend the Eau Claire Exposure event.

As the middle of June and the summer solstice approaches I have always taken the time to reflect and think about my family. I ask myself, "Am I spending enough time with my family"? I am currently approaching my 20th year as a Superintendent at a very demanding golf club, so it is easy to get carried away by spending too much time at the golf course. My children are 17, 14 and 12 so I must be focused on a healthy work life balance. It pays incredible dividends in my energy level and

focus at work if I spend relaxing time with the family every day.

The weekends are also very important in this equation; finding the way to wake up in the morning and spend an entire day with my family on the weekend has been a driving force in my success at Interlachen. It is really refreshing for my family and me. It is something that I started to do a few years ago and now I can not or will not give that up. I hope everyone has the opportunity to

spend time with family and friends

I would like to challenge everyone to find a healthy work life balance this summer. It is beneficial for you and your family. If you are in a position to do this for your team members you'll find it will pay dividends with your staff as well and they will go the extra distance for you and your golf course. Get away and have some fun this summer as it goes by way too quickly.



Recently, MGCSA President Matt Rostal (far right) and Sam Bauer (far left), who manages the Great Lakes School of Turfgrass Science, received a check for \$2,500 from PBI/Gordon representative Jeff Schmidt to be applied toward five scholarships during the 2020 school session. Thank you PBI/Gordon.

The 'Other Side'

By Eric Counselman
Superior Turf Services

Like many of us, I was directed into the industry from a summer job. I had been going to the University of Wisconsin-Stevens Point majoring in Wildlife Management. Early on I had realized that full time employment was difficult to obtain and the pay was subpar within Wildlife Management.

Ron Bierwirth, at Blackwolf Run (Kohler), convinced me to get my turf degree and so I headed to the University of Wisconsin-Madison. After graduating, I obtained an assistant position at Kohler in 2001 and then moved to Somerby as an assistant in 2003. Then, in August of 2006, I obtained the superintendent position at Somerby which I held until 2015. During the last few years of my superintendent run, I began to struggle more with the work-life balance, the pressure of expectations versus resources, and the everyday stresses with



staff management. The turf side of things was never an issue, but the pressures of the role continued to weigh on me.

The constant seasonal staff changes and managing personalities were a key component to a lot of my stress. I always wanted my employees to be as engaged and motivated as I was. The reality was that I had to, and really didn't, come to terms with the fact that that wasn't going to happen. As a superintendent, I think you have to accept that and look at each individual's strengths, which are likely much different than your own.

I'm really grateful that I'm not wrapped up in that anymore. I see it becoming more and more challenging, regardless of the industry. I look at my personality and how I was managed coming up through the ranks. It was very hands on and directive, go do this, go do that. Now I see staff being motivated completely differently than I'm used to.

Staff are being given more liberties, more freedom, more flexibility which I think is great. I was strug-

gling to adapt to the way the work force was, and is, headed today based on my personality. Personnel stress was often coupled with the disconnect between resources and expectations (both perceived and real). I continually strove to achieve more than was ever possible, leading to much discontent. I finally realized that my own personality was likely not going to change.

So, the best way for me to change was to change my environment and flip my world and move away from the golf course. I did a brief 2 year stint managing a public works department for a municipality. This was a bit of a shift too far in another direction. I had always thought about sales.

The turf industry continued to be where I felt I had my greatest experience and depth of knowledge and I wanted to try to combine the two and here I am with Superior Turf Services in a role with no employees and it has been a huge reliever of stress (at least in terms of staff management). I'm still managing relationships, but in a much different way. However, I have lost

some of that personal satisfaction of group successes and camaraderie. When your team kicks butt, it's awesome. The challenge of staff management creates the reward, but also creates the challenges.

There have been many changes to adapt to in the new career.

You miss the daily beauty and peacefulness of the golf course, and spending your days outdoors. But one of the most interesting changes for me with a sales position is the physical boredom. It has really been a big challenge for me.

As a superintendent, you don't realize in the moment how physical the job really is because it's a part of your life. You're in and out of the cart, walking to a green, jumping out to show someone how to string trim, raking a few bunkers because someone is about to get caught. You're moving and you don't realize how much you are moving. I



Eric Counselman as superintendent at Somerby GC.

recently compared daily steps I take now versus when a current superintendent. Monday: 2,900 vs. 7,300. Tuesday: 5,200 vs. 12,000. Wednesday: 4,500 vs. 20,000. Thursday: 7,000 vs. 21,000. What a difference.

That has been the hardest shift for me. I've had to change my whole lifestyle. I'm not physically worn out during the day anymore, which is great, but in the sales role I've had to constantly work exercise in to each day, which I've never had to do before. It does provide me with extra motivation and energy during the evenings and weekends to work

WE WENT BACK

AND FORTH

AND BACK

AND FORTH

PERFECTING

THE DESIGN.

At Par Aide, we continually obsess over the form and function of every product we sell. That way, you never have to go back and forth on which brand you buy.



ACCUFØRM ACE II

Learn more at ParAide.com

on the house, cut down a few trees, and enjoy my hobbies. This is an additional benefit to making the shift to a sales role. I wanted to have more energy outside of work. I now physically do next to nothing all day (truck, office, truck, office, someone's cart, office, truck...), but I certainly get a lot more done at home and have a lot more energy for time with family and friends.

I had been on the golf course from 1995 to 2015. It's all I had known in my working life. It's been two years now in my sales role, but I still think back at that first

month and how I avoided talking about things I didn't know anything about (and have now researched). I really just tried to listen as much as I could and refrained from giving strong advice. It was a pretty challenging first few months as I realized I had so much to learn, which in my work life had not happened for quite some time and it was all coming at me so fast. I think what got me through the first few months in my role was my background of being active in the industry as a superintendent and with the MGCSA. I had developed a lot of relationships already and used



Eric on the other “side” of the desk facing current Somerby Superintendent Jake Kocak and sharing business topics including seed, fertilizer and plant management tools.

them as the starting point for my new role, so initially I didn't have to deal with people getting to know me and I was comfortable naturally, which I'm very grateful for.

In this position, I'm fully immersed in all things fertilizer, pesticides and seed. As a superintendent, I thought I was knowledgeable in these categories because, after all, I had a four-year turf degree and years of experience with products. Looking back, on a scale of 1-10 (1 being a novice at product knowledge) I was a two, maybe three.

Just because you don't know what you don't know. There has been a long learning curve to understanding products better. I'm now focusing 100% on fertilizer, pesticides and seed. As a super, you are dealing with equipment, staff, irrigation, politics, budgets... fertilizer, pesticides and seed were really



Eric sharing time with his family, wife Shannon and two children; daughter Esme and son Cole.

only 5 to 10% of my daily experience. There are just more demands on your time than understanding fertilizer, pesticides, and seed.

That being said, I think I would certainly be a better superintendent with the experience I have gained

already in my sales role. I now have a better understanding of products, and perhaps of more importance, I recognize how many ways there are to do the job. As a superintendent, I would worry a lot about making a wrong decision. Seeing so many more operations, now I realize there generally is not a black and white, right or wrong.

There is generally good, better, and best, but a lot of those ways will work. As a superintendent, I really needed to not scrutinize and over analyze my challenges at hand. I needed to simply make a decision with the information I had and roll with it. I now feel decisions would appear more simplistic if I went back to being a superintendent. I believe it would be easier to make decisions based on seeing so much more now. I recognize there are so many ways to do things. Narrow mindedness is crippling, and until you've exposed yourself to broad scopes of things, you're not comfortable with a lot of variety, and a sales role provides that.

The image is a composite graphic for Hartman Golf Course Construction & Renovation. The background is a photograph of a lush green golf course with a sand trap, trees, and a small building in the distance. Overlaid on the image is the company logo, which features a stylized green pine tree to the left of the word 'HARTMAN' in large, bold, black serif capital letters. A purple swoosh underline is beneath the name. To the right of the name is a red flag on a black pole. Below the name, the text 'Golf Course Construction & Renovation' is written in a smaller, black serif font. In the top right corner, the text 'Quality since 1971...' is written in a red, italicized serif font. In the bottom left corner, the text 'Specializing in...' is written in a purple, italicized serif font. Below this, a list of services is provided: 'Bunkers • Tees • Laser Leveling • Green Drainage • Irrigation • Design • Pump Station Upgrades'. At the bottom left, the address '8099 Bavaria Rd. Victoria, MN 55386' and phone number '952.443.2990' are listed. At the bottom right, the email 'info@hartmancompanies.com' and website 'www.hartmancompanies.com' are listed.

Quality since 1971...

HARTMAN

Golf Course Construction
& Renovation

Specializing in...

Bunkers • Tees • Laser Leveling • Green Drainage • Irrigation • Design • Pump Station Upgrades

8099 Bavaria Rd.
Victoria, MN 55386
952.443.2990

info@hartmancompanies.com
www.hartmancompanies.com



Create an Inviting Area Where Stories are Shared

Friends and family love to gather around a fireplace where conversation can continue and great stories are shared — like the birdie on the 18th hole.

You know us for our engineered soils and sands. This same commitment to quality is found in the landscape supplies we carry for commercial and residential installations. Give us a call if you're ready to create something new.



Distributor for these brands: Anchor Block, Belgard®, Borgert®, Keystone®, Marshall, Rochester Concrete, Versa-Lok®, Willow Creek™



**Plaisted
Companies**
INCORPORATED

Elk River, MN • plaistedcompanies.com • 763.441.1100

THE SOIL EXPERTS.

My days now consist of meeting with and talking to customers, looking at inventory, researching products, analyzing new products, writing programs, responding to emails, responding to calls, making deliveries, setting a schedule and then being ready to modify the schedule. The behind the scene stuff can be very cumbersome. Lots of late nights and early mornings, often playing catch up on paperwork, which I can't do in the truck. But, there is time flexibility with the "homework", which is great. Being in sales, I'm very grateful for the technology we have now.

My office is in my pocket. I can't imagine using pay phones to call in and get my messages at the office phone or not having the ability to say "hey Siri, directions to Awesome Course USA". Texting is such a valuable tool for simple day to day stuff, but any bigger discussion will happen in a customer's office or over the phone. It has been very interesting to see how many more phone calls I have on the rainy days.

As a superintendent, you are certainly part of a brotherhood. On the sales side, you are not fully "in" and that is not what I have been accustomed to thus far in my career. The new role has provided new successes. I take a great deal of satisfaction and pride in helping a superintendent and assistant achieve their goals on the job. It's now a different kind of team and brotherhood for me, but that same reward is gained in helping others make it through the ups and downs of the industry.

I enjoy the challenges of sales and it certainly has been a lot more challenging than I had ever given it credit for. Physically boring, but mentally exhausting. After taking a two-year stint away, I'm very excited to be a part of the industry again that I jumped into back in 1995. I enjoy the unique camaraderie the industry provides and I'm looking forward to sharing in the many successes that are ahead for all of us. Cheers!



CLESSENS

Working with golf course Superintendents since 1969

RAIN **BIRD** © R

IRRIGATION SOLUTIONS

Timeless Compatibility. Real Time Response. Unmatched Quality. Easy to Use. Rain Bird is your partner in irrigation ///



TURF SOLUTIONS

We specialize in working with turf managers to maximize resources while helping provide your clientele with excellent turf conditions ///

MN Irrigation & Turf Sales Representative **Kevin Iverson**
kiverson@clesenproturf.com (612) 327-3406 clesens.com

Family Planning: A Day In the Life of a Superintendent's Wife

By Liza Chmielewski, Gertens Wholesale

If someone asks you what you do, what is your answer? Most people would probably answer with their job title. I usually start my answer by saying I work for Gertens followed by small talk about the family. I am not only defined by the job I get paid for, but I also have a second non-paying job and that is being a mom to two kids and the wife of a golf course superintendent.

It is “the season”. The time of year when you leave home before the sun comes up and sometimes do not come home until it sets. It’s also the season when outdoor sports are in full gear, school is in its last couple weeks, and family life seems a little more chaotic. Jeremy and I have two kids. Noah is thirteen and finishing up eighth grade. He is currently playing two sports, track with school, and traveling baseball outside of school. Our

daughter, Ailsa, is nine and finishing up fourth grade. She is currently playing three sports. Rec basketball, traveling softball and AAU gymnastics. Life is busy. It takes planning and a little give and take from everyone to make it all work.

Let me give you an example of a typical day as a superintendent’s wife, with kids: Today is Wednesday, May 15. His alarm goes off at 5 a.m. and he is out the door by 5:20, maybe earlier. He tries to be quiet and I appreciate that, but the damage is already done, I am awake. I may as well wake up and enjoy a little peace before the rest of the action begins. A cup of coffee and some local news to start the day. I check my email to see if there are any fires to put out to start the day, and, thank goodness, there are not. Just an email from Jack about the May Hole Notes.

At 6:15 a.m. I wake up the oldest. He makes his own breakfast, which is nice.

6:30 a.m. - Wake up the youngest and make her breakfast. She prefers breakfast in bed, like all princesses do, and it is not worth the argument to get her to eat at the table. Today's request was three waffles – one cold, one with only butter, and one with butter and syrup. She is a little high maintenance, but that is another story.

6:45 a.m. – I take the oldest to school. You may wonder why he does not ride the bus. Well, he used to, it picks up at 6:20 a.m. with some practices running until 9:30 p.m., we choose sleep over the convenience of the bus.

7:15 a.m. – Back home from the first kid drop off. Time to get the youngest out of bed. She is nine and the school outfit is a big deal. I usually do not have the right pair of pants or shorts washed. Today

3-5pm MS

May 2019

5/15 → NC - rec league pics 5pm - behind Aquatic Park

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
28	29	30 AC gym NC-rec. league bathing practice 6-7:30 H.S.	1	2 AC-softball pic 5:30	3 NC-bball rec practice 5:30-7:30 Kennedy	4 NC-bball pract 10-12 Kennedy AC-softball 11-1pm M.S.
5 AC-gym. Bridget 2:30-5:30 NC-bball Kennedy 4-6	6 AC-opengym 6-7:30 Rothchild NC-bball H.S. cages 6-7:30	7 AC-gym Epstein? AC-rec practice	8	9 AC-rec game AC-gym (Kili)? NC-rec game 6pm Kennedy	10 travel game NC-bball practice 5:30-7:30 Kennedy 7pm	11 NC-baseball Plover AC-softball 11-1pm M.S.
12 AC-softball 3-5pm MS.	13 AC-opengym Rothchild NC-bball H.S. 6-7:30	14 AC-gym AC-rec game	15 AC-civil war day NC-rec game 6pm Kennedy	16 AC gym AC-rec game	17 Aiken Natives AAU Pasimik Eau Claire NC-bball pract. 5:30-7:30 Kennedy	18 Camp start @ 2:20 NC-baseball Bayport
19 17-19 → NC-baseball Pulaski	20 AC-opengym Rothchild NC-bball pract. 5:30-7:30 Kennedy	21 AC-gym NC-field trip river flow NC-rec game 6pm Kennedy AC-rec game	22	23 NC-rec game 6pm AC-gym? AC-rec game	24	25
26	27 No school NC-bball pract. 5:30-7:30 Kennedy	28 AC-gym? AC-rec game	29 NC-rec game 6pm	30 NC-rec game 6pm AC-gym? AC-rec game (snack & dugout)	31 NC-baseball Minogue AC-Bald trip Madison	1

© Calendar-12.com

No school May 27

As the saying goes, "If it is not on the calendar, it is not going to happen"

was good. We agreed on an outfit without argument. While she gets dressed, I start a load of laundry and check my phone. There is a text from the oldest – he forgot a cold lunch. Today is Civil War Re-enactment Day and he needed to bring cold lunch, and we both forgot it. Dang it! I quickly email his history teacher to see if the lunch staff can put something together. The odds are not in my favor and looks like I will be making a second trip to the Jr. High today. The youngest is yelling from the bathroom that she needs help with her hair. No time for anything fancy and she gets the messy bun.

7:45 a.m. – Youngest gets on the bus and now I can finally get to work. I do actually work.

3:30 p.m. – I start to wrap up any big work projects from the day and make a work plan for what I need to accomplish the next day. Check the laundry, start the dishwasher and then realize we do not have any plans for dinner. Awesome. That will have to wait. Today is Picture Day for baseball so I round up all the necessary pieces of the

uniform, pack the bat bag, and put together a big snack with a water bottle.

4:15 p.m. – The next shift of “momager” starts. The youngest gets off the bus. No after school activities for her! It is an easy night. I get her settled in with a snack and homework and then I leave for the Jr. High. Time to pick up the oldest from track practice, get him changed and to baseball pictures by 5 p.m.

5:00 p.m. – Baseball pictures. Get him to the game field for warm-ups, and make a Target run before the game starts.

5:30 p.m. – Baseball game. Jeremy and the youngest are there. I get there sometime after the first pitch. Jeremy and I talk about the day and what happened. He usually has a story about an employee or something breaking or just general clubhouse and crew drama. I listen and give feedback when I can. Sounds like he had a busy day.

8:30 p.m. – The game is done. This was the never-ending game and we

lost. Jeremy and the youngest left early to get dinner. She is in bed by the time I get home and Jeremy is on his way too. Noah and I try to enjoy whatever leftovers we can find.

9:30 p.m. – The kitchen is cleaned up, the kids are in bed, the laundry has been folded, the dishwasher emptied and reloaded, and a game plan for tomorrow's activities has been made. Ok... maybe just another half-glass of wine...

Everyone is busy, it is the way society is. The tasks are simple, but it takes effort and organization to make it all come together. ***Take a moment to thank those who help behind the scenes and make it easy for you to get up and go to work in the morning.***



Liza with her family, Noah, 13, Ailsa, 9 and husband Jeremy in a photo taken last fall at a planned autumnal event.

Coming Soon: A practical option for mapping fairway soil moisture at your golf course

**By Dr. Chase Straw and Dr. Brian Horgan
University of Minnesota Turfgrass Scientists**

Golf course superintendents often irrigate fairways based on feel. Despite sometimes adjusting percent run-times of individual heads to account for perceived dry and wet areas, “blanket” applications are typical. Using objective data to create soil moisture maps of your golf course’s fairways, as well as taking advantage of valve-in-head control, could significantly reduce water consumption by programming your irrigation system to match soil moisture variability.

This would involve assigning each irrigation head to a soil moisture class, as a result of their surrounding soil moisture values, and then creating a program for each class to irrigate together. “Dry” classes would get irrigated more frequently, “wet” classes would get irrigated less frequently, and an entire fairway will almost never get completely irrigated during one

irrigation session. This process fits under the concept of “site-specific irrigation” or “precision irrigation.”

In an effort to entice the utilization of soil moisture maps for improved irrigation decisions, and to allow for hands-on experience with mapping technologies, the University of Minnesota and MGCSA are collaborating to develop a practical strategy for golf course superintendents and staff members to map fairway soil moisture themselves.

The University of Minnesota has prepared a detailed protocol outlining step-by-step instructions to collect georeferenced soil moisture data with a FieldScout TDR 350, which can then be used to create fairway soil moisture maps with free software (Figures 1 A, B, C, D). The protocol is estimated to take one person 2-3 days to complete an entire golf course. Meanwhile,

MGCSA is developing a system that allows its members to borrow, free-of-cost, MGCSA-owned TDR 350s for implementing the protocol. The protocol will be made available through the MGCSA and University of Minnesota turfgrass websites

as early as June 2019 (mgcsa.org and turf.umn.edu). Be on the look-out soon after for more details regarding borrowing a TDR 350 from MGCSA, if you do not already own one.

Figure 1 A. Data collection and soil moisture map creation process: A) a FieldScout TDR 350 collecting and georeferencing (i.e. recording latitude and longitude location) soil moisture data from a fairway



Upgrade and enhance your irrigation efficiency using this member driven research investment and protocol developed at the University of Minnesota. Your dollars at work to improve your performance.

Figure 1 B) soil moisture data points and irrigation head locations

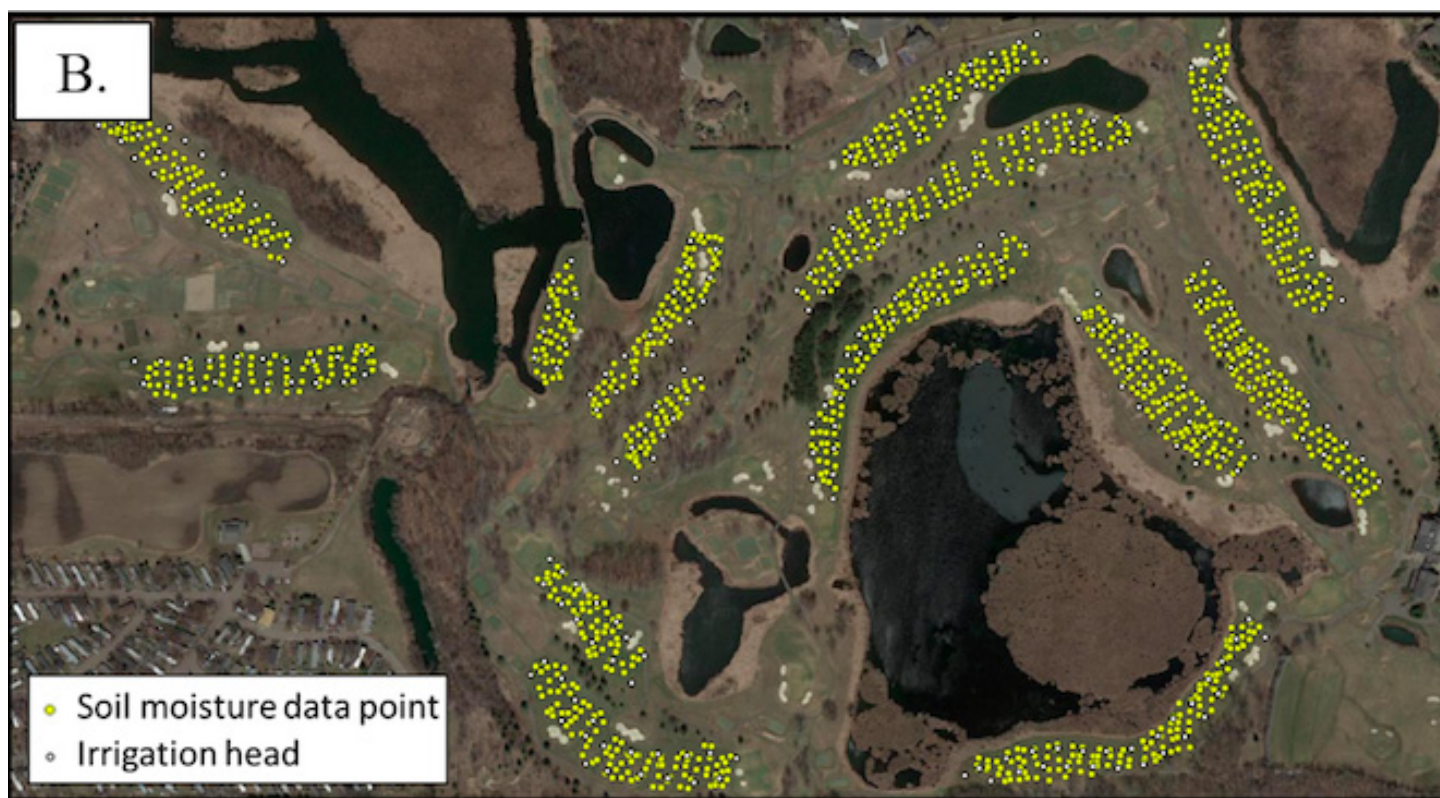


Figure 1 C) soil moisture (% volumetric water content) map illustrating variability within and between fairways.

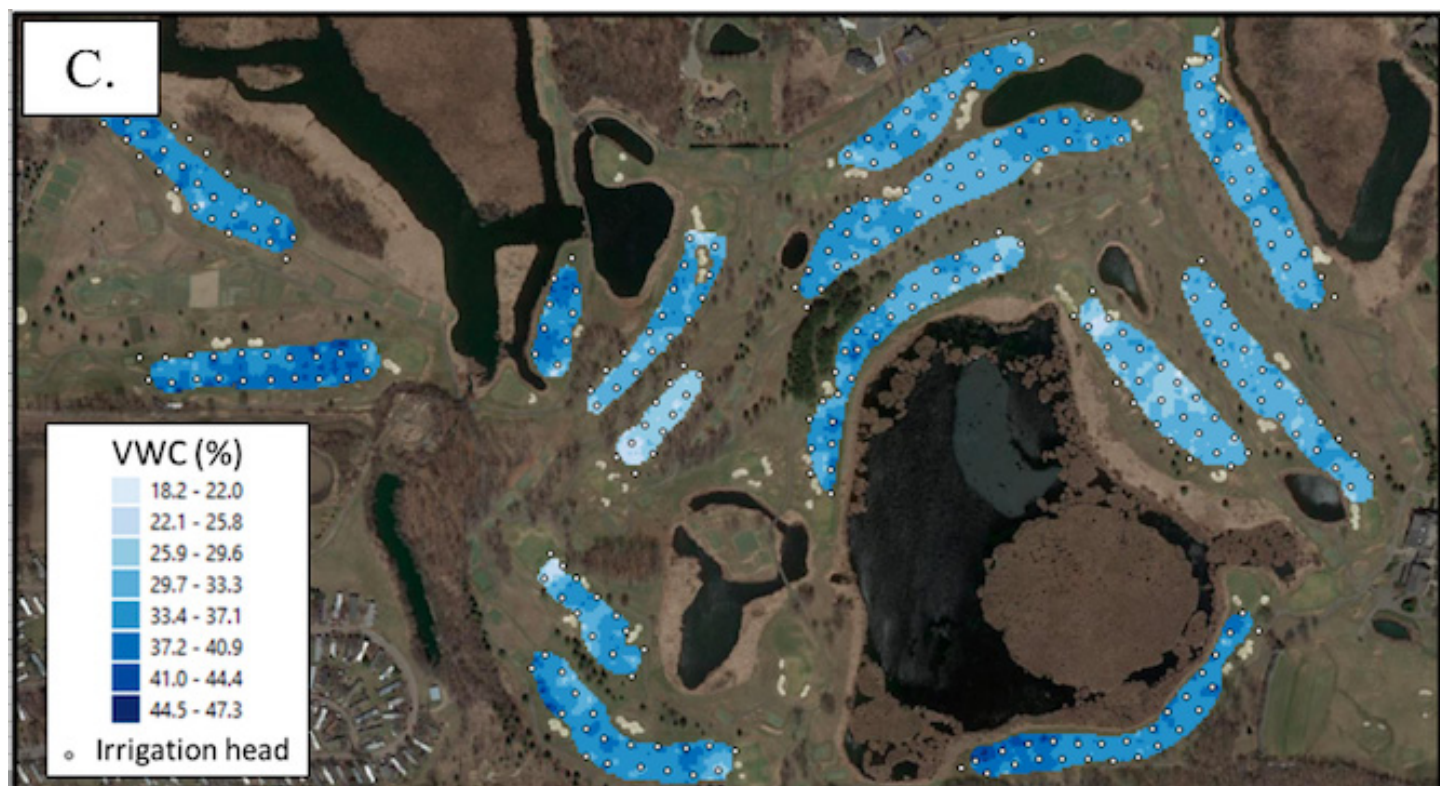
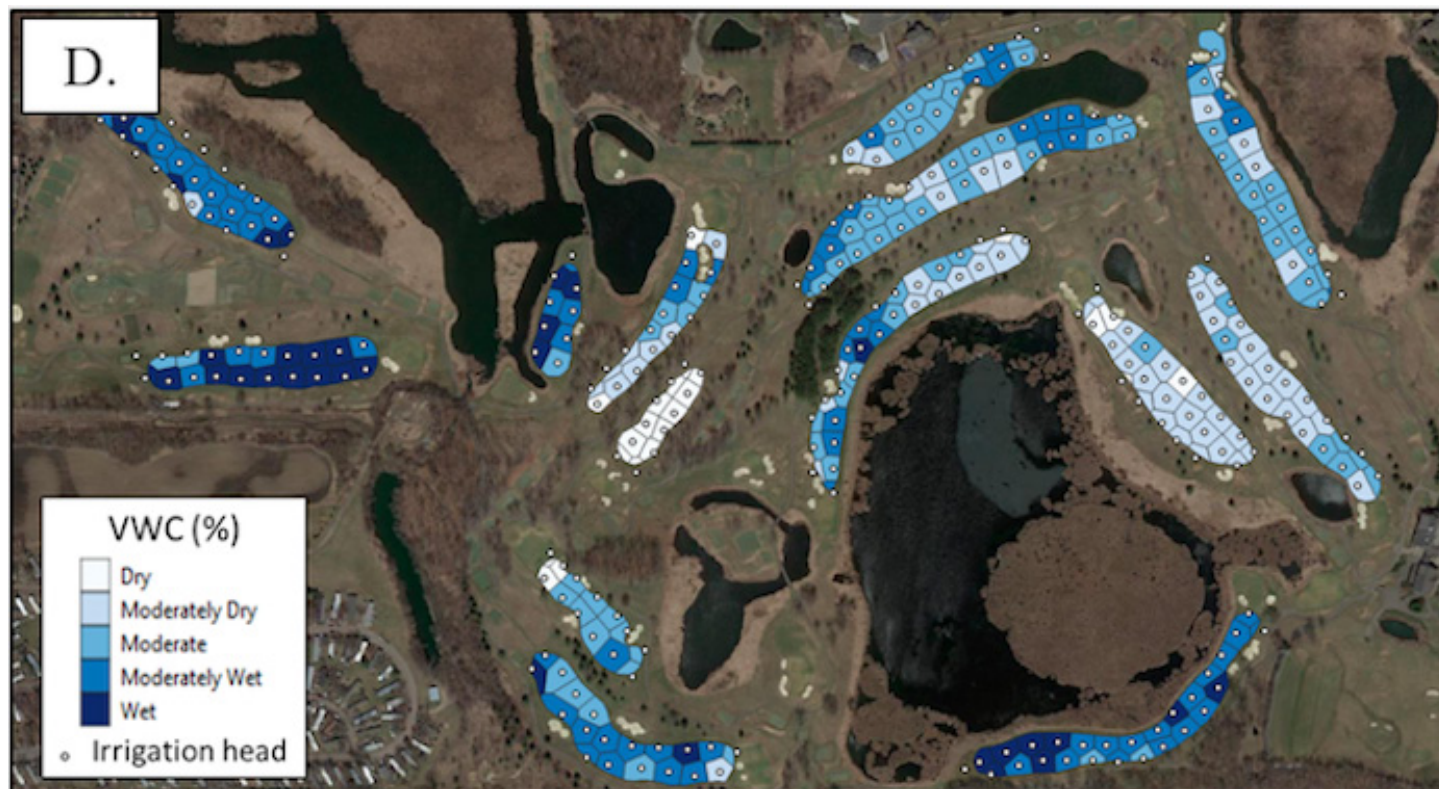


Figure 1 D) irrigation classes assigned to individual heads based on surrounding soil moisture values.



NO ONE CAN PUTT WHILE PYTHED.

Segway® Fungicide SC
sinks Pythium disease!

Missing a two-foot putt is maddening, but seeing Pythium destroy healthy turf can drive you over the edge. Stop it with Segway® Fungicide SC.

Segway delivers outstanding protection against Pythium disease, including root dysfunction, blight, damping-off, and root rot. Segway lasts up to 28 days, and has no known cross-resistance with existing fungicides, making it ideal for your rotation program.

We can't help you with your putting, but we can help you stop Pythium: Segway.

► For more information call:
Jeff Schmidt at 952.237.0160.

PBIGordonTurf.com

pbi/gordon corporation
Employee-Owned

Always read and follow label directions. Segway® is a registered trademark of Ishihara Sangyo Kaisha Ltd. 12/17 05182

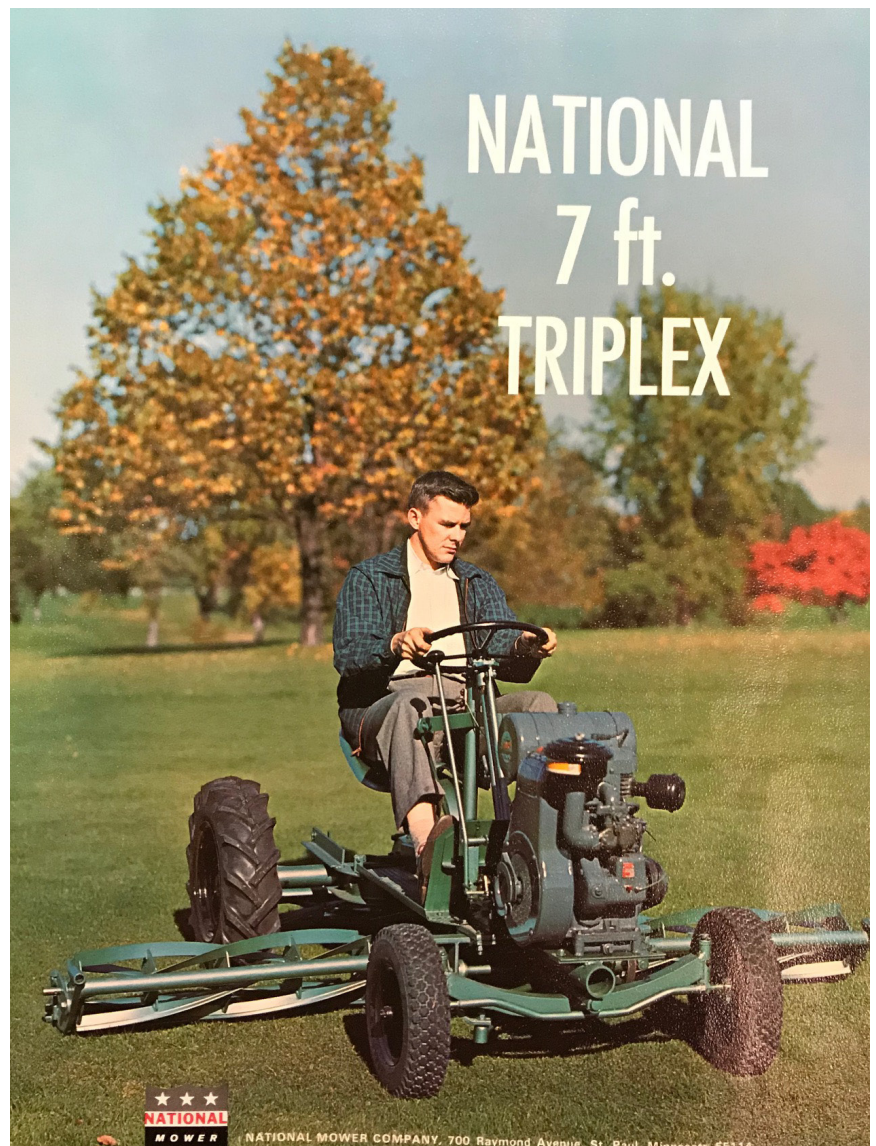
1919-2019

A Century of Partnership

Turfco Celebrates 100 Years Of History as Minnesota Leader in Golf Course Turf Maintenance.

Little could Robert Stanard Kinkead know, as a soldier returning home from the Great War to start up a lawn mower company in St. Paul, that 100 years later his family would still be going strong albeit, under a different name and as a maker of equipment for growing grass and tending golf course and sports turf. National Mower Company, the company that Robert Kinkead founded to sell sickle-bar, reel-type and horse- and tractor-drawn, pull-behind mowers, made commercial-grade lawn mowers for golf courses and many other large-scale users. The 84" and 68" Nationals for many years were a staple at most local golf courses.

Fast forward to 1961 when Turfco, working closely with local superintendents, introduced the first mecha-





Minneapolis Club Superintendent, Herb Cohrs, leans in to pull the flag stick while topdressing with a piece of equipment he invented which became the standard in the industry for green management .

nized topdresser, a product that revolutionized golf-course maintenance practices. John Kinkead Sr., while still working at National Mower, saw the great potential at Turfco and set the company on a new direction, spearheading the introduction of many other turf innovations at Turfco Manufacturing. Now headquartered in Blaine, Minnesota, Turfco is focused on producing golf-course, sports-turf and lawn care maintenance equipment ranging from a complete line of topdressers and large-area material handlers, to overseeders, debris blowers, riding aerators and applicators.

“We are proud of our heritage as a family-owned, Minnesota-based manufacturing company,” says Scott Kinkead, executive vice president of Turfco. “And we feel blessed to be working in the golf industry, where



Turfco Widespin topdresser lays a very light application of topdressing sand. This product went through several modifications as the gang at Turfco sought local input on the equipment's function.

people love what they do, and love going to work every day.”

Turfco uses its “home-turf” position in Minnesota to good advantage. “We have great working relationships with many of our Minnesota-based superintendents,” says Kinhead. “Throughout our history, local superintendents have been critical in testing new products. That’s helped us address the needs of superintendents around the world – which is to be more productive with every hour in the day, and to free up their time to focus on other tasks.”

Turfco equipment has been on the scene at Interlachen Country Club in Edina since he first started working there about 30 years ago, says Matt Rostal, head superintendent at Interlachen. “We use Turfco [Torrent™ 2 debris] blowers every day,” he says. Interlachen manages its topdressing needs with a small fleet of Turfco machines, including a truck-mounted

WideSpin 1550 Broadcast Topdresser (offered in both truck-mounted and tow-behind models, and featuring updated electronic controls, wider and more varied spread capacities).

“Turfco is widely respected in the industry for its agronomics practices in topdressing,” says Rostal. “Turfco topdressers have proven themselves, especially when it comes to handling sensitive tasks such as spreading sand on greens,” he says. To that end, Interlachen also owns a Turfco walk-behind greens topdresser and some Mete-R-Matic topdressers.

Paul Diegnau, head superintendent at Keller Golf Course in Maplewood, also speaks highly of Turfco and its products. Turfco products played an important role during the “total renovation” of Keller that allowed the storied public course to reopen for play in 2014. Keller owns both a Topdresser and a TriWave overseeder.

“The company always seems to find new ways to make work easier and more productive for superintendents,” he says. He credits Turfco’s success to its ability to bring superintendents into the process of new product development. “They get an idea (for a new product) and then



This later version of the TriWave gets a work out at North Oaks Golf Club in 2008 following an extensive renovation project. North Oaks was also the site for many product development visits.

they bring in a whole bunch of superintendents to break it down and say what works,” he says.

“We have input into the design and how they produce it, and that’s huge,” he says.

He recalls being invited to help test out development of the Turfco TriWave series of overseeders. “I got to give a lot of input into what they were looking for in the development stage,” he says. “The TriWave overseeders made for a huge advancement in the industry.” The TriWave replaced older spin-blade equipment that roughened the turf. The TriWave overseeders, in contrast, create minimally disruptive grooves in the turf. “The groove doesn’t bring up debris as does other, less-refined equipment,” he says. And the seed is always applied into the groove, so that “seed germination is incredible,” he says.

Jeff Johnson remembers working with National Mower lawn mowers when he first started his career in the golf course industry about 25 years ago. That was at The Minikahda Club in Minneapolis, where he is now the head superintendent -- and an even bigger fan of Turfco products today. “I probably got introduced to Turfco then too,” he says. Minikahda owned an early Turfco topdresser at the time. Amazingly to him, the company kept finding ways to improve on topdressing over the years. “The products perform such a basic task -- putting sand down on the turf -- that it’s hard to imagine that there’s ever much room for improvement,” he allows. “Yet Turfco keeps coming up with new and better variations for improving golf course management programs,” he observes.

Today, Johnson keeps Minikahda’s turf in top condition with the use of a Turfco CR-10 Topdresser and Material Handler -- a multitasking workhorse of a machine for tackling tasks such as fairway topdressing, bunker filling, renovation, construction and daily maintenance (and now succeeded in the Turfco lineup by the new-for-2019 CR-15, featuring new and innovative hydraulics, improved spread controls and simpler operating methods). The course also owns two Turfco 1550 Topdressers, both of which see plenty of use during the playing season.

But for Johnson, the real champion of the Turfco line, at least in

The Badgerland Exposure The Bridges Golf Club Thank you Host Kyle Kleinschmidt

Thank you sponsors
for your support

Reinders



Science For A Better Life

SuperiorTurf
Services, Inc

TurfWerks
PARTNERS IN GROWTH

WINFIELD[®]
UNITED



Thank You MGCSA Supporters

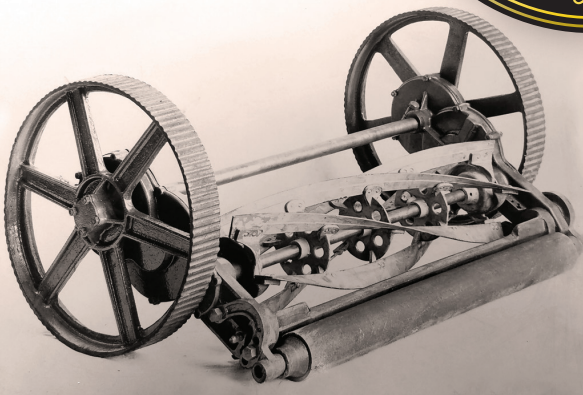
terms of recent years' activities, is the TriWave 60 Overseeder. It's the machine that Johnson relied on for re-seeding the fairways at Minikahda this past fall, as part of the total re-grassing of the course -- the first time ever that the course had been re-seeded since its founding in the 1930s. The re-seeding of the course had to be conducted as a mission-critical task, so Johnson made sure to go with the best available seeding technology. That it was a Turfco product didn't surprise him. "We put down 2,000 pounds of grass seed with the TriWave 60, covering about 30 acres of turf," he says. The Turfco TriWave drills the seed into the ground, which made Johnson feel confident that he would see maximum seed germination results.

Adding to his comfort level, Turfco staff worked with him to help make sure the job would go off without a hitch. "We couldn't have done it -- (re-grass the entire course) -- without their equipment and expertise," he says. Johnson says he's on track to re-open Minikahda for daily play by early summer of this year.

Turfco continues to carve out a leadership role in the turf maintenance field with a succession of new and innovative equipment introductions developed with input from local superintendents.

"Turfco's topdressing units kind of revolutionized the golf course industry," says Matt Rostal, superintendent at Interlachen Country Club in Edina, Minnesota. "All golf courses use topdressing now," says Rostal, who has observed many of the changes and advances in topdressing technology and science over the course of his 30-year career in golf course management.

Being in the same industry for 100 years is an achievement few family businesses can claim. From their grandfather who started National Mower Company in 1919, to the third generation Kinkead executives who run Turfco today, the Kinkead/Turfco 'family' acknowledges the privilege it is to be a part of the ever-changing golf course industry. The Kinkeads and Turfco want to express their gratitude for all the support, collaboration and partnership that the company has received from Minnesota golf and turf industry professionals over the past 100 years.



We run this ad every 100 years.

It reminds us of what it takes to maintain and grow—the purpose, the pride and the passion this business requires. From our grandfather who started National Mower in 1919, to our father who launched Turfco. We recognize the privilege of being part of an industry where we all love what we do, and pledge to continue the tradition of bringing innovations to beautify the game. We look forward to working with you for the next century.



*Thanks,
The Kinkead Family*

“Turfco just wants to say ‘thank you, golf and turf industries,’ for all the great time spent together working to solve challenges and grow these great industries,” say the current generation of leaders, George and Scott Kinhead.

To further celebrate this milestone, the company has also launched a “100 Years of Thanks” giveaway for customers in the golf and sports turf industries featuring a Turfco WideSpin™ 1550 Broadcast Topdresser as the grand prize. Five GoPro® HERO7 Silver cameras will also be awarded over the coming months through the Sept. 30 giveaway close.

“Scott and I have spent our whole careers in this industry, and these are tangible ways to express our heartfelt gratitude for the opportunities and collaborative partnerships we’ve experienced working with so many great professionals,” says George Kinhead.

Both George and Scott were rooted in the turf industry from their early youths, working summers either at the manufacturing plant or in



the field for a landscaping company or golf course, leading to their learning about the lawn and turf care businesses almost by osmosis.

The family perseverance and inventiveness set the tone for how the company would work with the golf industry professionals it sought to serve, to move the industry forward. “We are a company that runs on great customer service, and we get our best ideas for new products from listening to what golf and sports turf professionals tell us are their most pressing challenges, and from observing how superintendents actually tackle their turf maintenance programs,” says Scott Kinkead.

Both brothers are committed to spending a significant portion of their time watching and learning from their customers – the golf course superintendents and their staffs – who perform the day-to-day work of golf course maintenance. “We do spend a lot of time in the field, working with end users and performing product demonstrations and the like for superintendents and their staffs,” Scott says.

They’re pragmatic solutions that seem obvious – in hindsight. But the company’s 100-year heritage of turf-care know-how really pays off in the new product development area. “As the leader in this focus area, we challenge ourselves constantly to develop new product ideas that offer our superintendents tools to do their jobs better,” says Scott.

“I grew up in the golf boom in the 90s when labor was plentiful and creating beautiful golf courses and great playing surfaces could be accomplished by throwing more people and money at it. When the recession hit, we saw the challenge facing superintendents who needed to make their staffs more productive, without the same resources of labor and money, and still deliver a quality product. The more time we can save superintendents in performing the routine of turf maintenance, the more time they have to spend developing and perfecting their golf courses, which is what they’re best at,” says George.

Turfco products are on the job at such iconic locations as the Statue of Liberty, Penn State, Pebble Beach and many more golf courses in Minnesota and around the world, large and small, where performance, creativity and beauty are in demand.

Peers Helping Peers!



Are you an annual Wee One member?

Cut your Turf, not your Budget.

And take advantage of Turfwerks' Customized Financing Options!

THINK NEW OR USED EQUIPMENT IS OUT OF YOUR BUDGET - THINK AGAIN!

AT **TURFWERKS** CAN WE WORK WITH YOU TO OFFER YOUR COURSE CUSTOMIZED FINANCING. TO FIND OUT HOW WE CAN HELP, CONTACT YOUR SALES REP TODAY.

You get the equipment you need, golfers get the greens they want, we get a happy customer.

CALL TURFWERKS TODAY TO DISCUSS FINANCING OPTIONS FOR YOUR GOLF COURSE.

Adam Hoffman Ph: 612-802-3149 • Nick Sherer Ph: 612-308-0102

TurfWerks

JACOBSEN
A Textron Company

RAIN BIRD

neary
TECHNOLOGIES

STANDARD
GOLF COMPANY

PAR
AIDE

VENTRAC

TURFCO

PROGRESSIVE
TURF EQUIPMENT INC.

Smithco

7012 6th Street North | Oakdale, MN 55128 • www.Turfwerks.com

Seasonal Staffing Stories

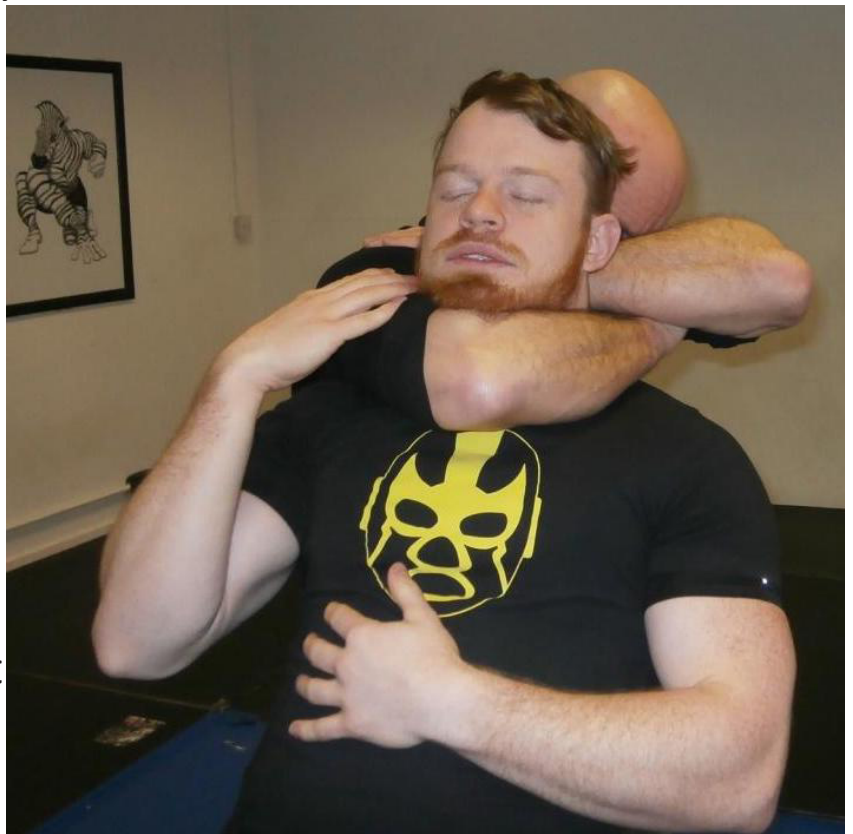
By Anonymous Professional Turf Managers

“Wasted Weekend”

Our summer staff generally works one weekend per month. I never thought that was much to ask, but during one weekend, Derek thought he had a pretty good reason for missing his work obligation.. To back up a little, the crew called Derek by the nickname, “Dirt-Te-Dur”, because he would mumble this unique phrase to himself all the time while he was working. The following Monday after his missed weekend, I asked Derek what happened. “Well, I went out Friday night. At the bar someone put me in a sleeper hold and I was out the rest of the weekend. I don’t remember anything. I’m surprised I even made it here today.”

I said, “That is some powerful sleeper hold.”

“Yeah, he must have done that before or had some training,” said Derek.



It may sound strange, but I kind of believed him. Only for the simple fact that he was only wearing one shoe as well as having the sleeper hold excuse. He has certainly been a hard to forget seasonal staffer.

“Round and Round”

During the morning setup I had two individuals raking bunkers. One of the newer college aged guys was learning how to use the bunker rake. He seemed to be doing well, but after the front nine he asked if he could go home. I asked if something was wrong and he replied with the fact that he was too dizzy from going round and round while raking the bunkers. I suspect it was the huge amount of chewing tobacco he had in his mouth, but who am I to question such an excuse.



Do you have short seasonal staff stories you would like to share? Send them to Matt Cavanaugh and “enlighten” your peers!



Lightning Myths and Facts

From the National Oceanic and Atmospheric Administration

Myth: If you're caught outside during a thunderstorm, you should crouch down to reduce your risk of being struck.

Fact: Crouching doesn't make you any safer outdoors. Run to a substantial building or hard topped vehicle. If you are too far to run to one of these options, you have no good alternative. You are NOT safe anywhere outdoors.

Myth: Lightning never strikes the same place twice.

Fact: Lightning often strikes the same place repeatedly, especially if it's a tall, pointy, isolated object. The Empire State Building is hit an average of 23 times a year.

Myth: If it's not raining or there aren't clouds overhead, you're safe from lightning.

Fact: Lightning often strikes more than three miles from the center of the thunderstorm, far outside the rain or thunderstorm cloud. "Bolts from the blue" can strike 10-15 miles from the thunderstorm.

Myth: Rubber tires can protect you from lightning by insulating you from the ground.

Fact: Most cars are safe from lightning, but it is the metal roof and metal sides that protect you, NOT the rubber tires. Remember, convertibles, motorcycles, bicycles, open-shelled outdoor recreational vehicles and cars with fiberglass shells offer no protection from lightning. When lightning strikes a vehicle, it goes through the metal frame into the ground.

IN FRONT ON ANY COURSE!



JOHN DEERE UTILITY TRACTORS





JOHN DEERE



FRONTIER
AG & TURF

Loaded with premium, state-of-the-art technology and class-leading features you won't find anywhere else. See offers at FrontierAgTurf.com

Myth: A lightning victim is electrified. If you touch them, you'll be electrocuted.

Fact: The human body does not store electricity. It is perfectly safe to touch a lightning victim to give them first aid. This is the most chilling of lightning Myths. Imagine if someone died because people were afraid to give CPR!

Myth: If outside in a thunderstorm, you should seek shelter under a tree to stay dry.

Fact: Being underneath a tree is the second leading cause of lightning casualties. Better to get wet than fried!

Myth: If you are in a house, you are 100% safe from lightning.

Fact: A house is a safe place to be during a thunderstorm as long as you avoid anything that conducts electricity. This means staying off corded phones, electrical appliances, wires, TV cables, computers, plumbing, metal doors and windows.

Myth: If thunderstorms threaten while you are outside playing a game, it is okay to finish it before seeking shelter.

Fact: Many lightning casualties occur because people do not seek shelter soon enough. No game is worth death or life-long injuries. Seek proper shelter immediately if you hear thunder.



Myth: Structures with metal, or metal on the body (jewelry, cell phones, watches, etc.), attract lightning.

Fact: Height, pointy shape, and isolation are the dominant factors controlling where a lightning bolt will strike. The presence of metal makes absolutely no difference on where lightning strikes. While metal does not attract lightning, it does conduct it so stay away from metal fences, railing, bleachers, etc.

Myth: If trapped outside and lightning is about to strike, I should lie flat on the ground.

Fact: Lying flat increases your chance of being affected by potentially deadly ground current. If you are caught outside in a thunderstorm, keep moving toward a safe shelter.

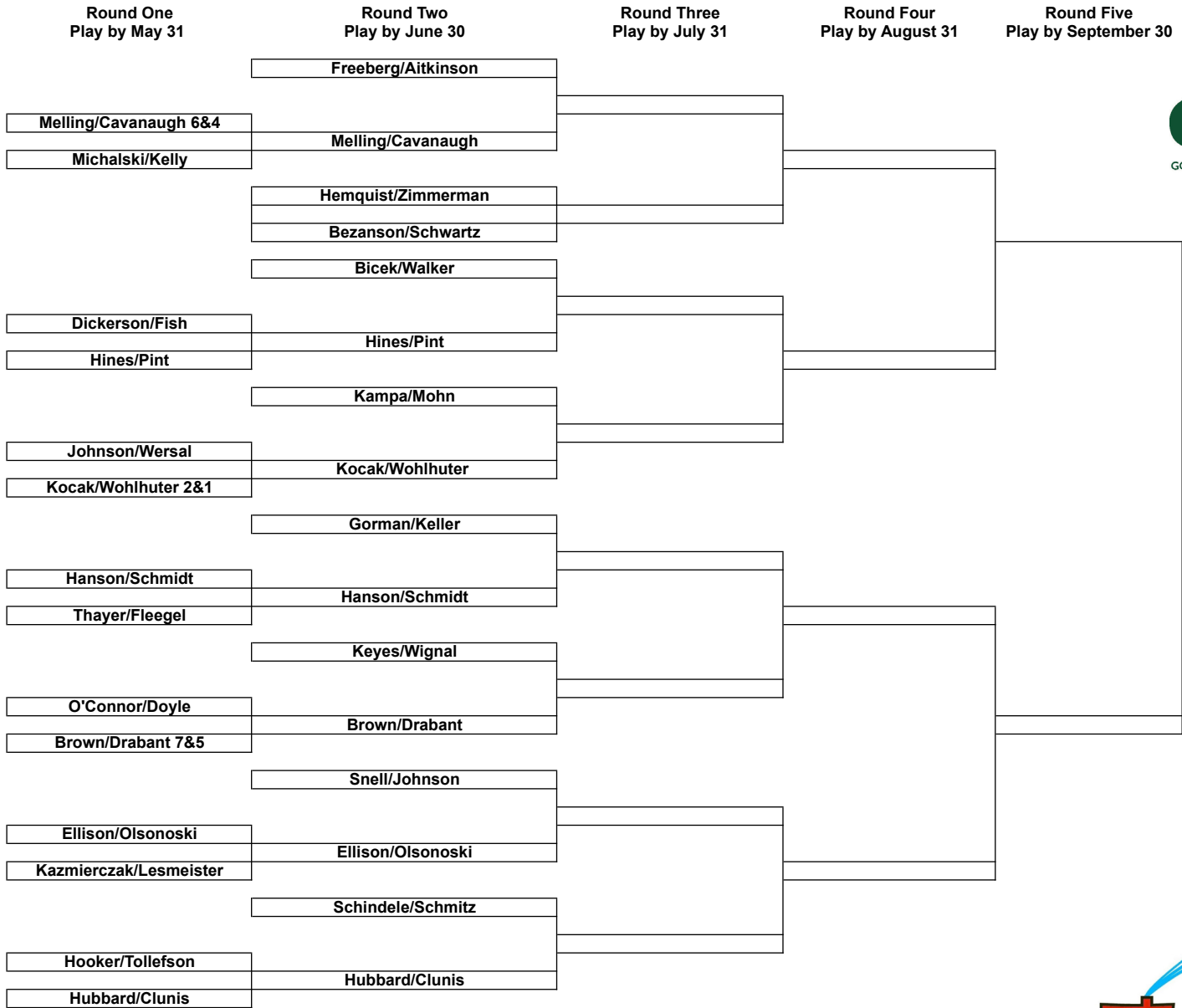
Fact: Don't mess with lightning.



We've Got You Covered

Exteris[®] Stressgard[®]

ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS
Bayer Environmental Science, a Division of Bayer CropScience LP, 5000 CentreGreen Way, Suite 400, Cary, NC 27513. For additional product information, call toll-free 1-800-331-2867, environmentalscience.bayer.com. Not all products are registered in all states. Bayer, the Bayer Cross, Exteris and Stressgard are registered trademarks of Bayer. ©2019 Bayer CropScience ES-0519-EXT-0046-A-1

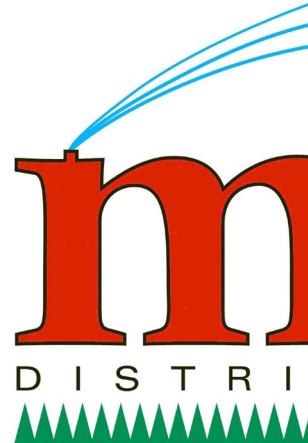


2019 Don White

2019 Don White

2019 Don White

Sponsor





White Champion

Champion Runner-Up

Consolation Bracket

Sponsored By:



Round Five
Play by September 30

Round Four
Play by August 31

Round Three
Play by July 31

Round Two
Play by June 30

Round One
Play by May 31

Freeberg/Aitkinson or bye

Michalski/Kelly

Hemquist/Zimmerman

Bezanson/Schwartz

Bicek/Walker or bye

Dickerson/Fish

Kampa/Mohn or bye

Johnson/Wersal

Gorman/Keller or bye

Thayer/Fleegel

Keyes/Wignal or bye

O'Connor/Doyle

Snell/Johnson or bye

Kazmierczak/Lesmeister

Schindele/Schmitz or bye

Hooker/Tollefson

Melling/Cavanaugh

Michalski/Kelly

Dickerson/Fish

Hines/Pint

Johnson/Wersal

Kocak/Wohlhuter

Hanson/Schmidt

Thayer/Fleegel

O'Connor/Doyle

Brown/Drabant

Ellison/Olsonoski

Kazmierczak/Lesmeister

Hooker/Tollefson

Hubbard/Clunis

In Bounds

by Jack MacKenzie, CGCS

politics | 'pälə,tiks | plural noun
[treated as singular or plural]

- the activities associated with the governance of a country or other area, especially the debate or conflict among individuals or parties having or hoping to achieve power: the president's relationship with Congress is vital to American politics | thereafter he dropped out of active politics.
- the activities of governments concerning the political relations between countries: in the conduct of global politics, economic status must be backed by military capacity.
- activities within an organization that are aimed at improving someone's status or position and are typically considered to be devious or divisive: yet another discussion of office politics and personalities.

In recent months I have been thrust into the machinations (look it up,

this is a great word) of city politics at its worst, at least when viewed through my eyes. However,

the scheming ways of the process I have witnessed do need acknowledgement as the "players" have done an admirable job of wagging the dog through the spread of limited, yet often repeated, disinformation. Perceived right or wrong, the advocates have done their supportive community well through factual misrepresentation, implicit and explicit documentation and, perhaps the most successful of all conspiracies, concerted vocal and social action.

By banding together, anti-pesticide coalitions in the city of Minneapolis have conquered one goal, that of a Minneapolis Parks and Rec Board moratorium on glyphosate use on



city owned park lands. It is also their long-term intent to culminate the fight with the elimination of all pesticide use on the public properties.

The prohibition of glyphosate use came after five months of spirited debate amongst the community and professional practitioners who use the product as mandated on the EPA approved labeling. Industry professionals, including University of Minnesota faculty and state agency employees, and informed, publically responsible participants who wished to have a conversation about pesticide reductions. Also in the discussions, were those who owned predetermined agendas of eliminating pesticides no matter the cost environmentally, economically, aesthetically or with regard to the safety of the residents and visitors to Minneapolis.

Can glyphosate use be eliminated in the arena of parks and recreational property management? Absolutely, but there is a cost. Often, glypho-

sate is the least harmful yet most effective chemistry to use when eradicating vegetation either for safety, conversion to a more desirable species or the elimination of noxious or undesirable plants. As practicing professionals, golf course superintendents know about the “bad-ass” chemistries available, and typically choose not to use them, as they are detrimental to the environment. And effective turf managers also appreciate the prohibitive aspects of hand and mechanical vegetation removal. In the landscape, glyphosate is a tremendous tool used in very small amounts.

Can pesticides be eliminated from all park, municipal and city properties? Again, absolutely. However, your product, a playable golf course, will suffer. An infestation of clover will not be the end of the world, but an invasion of Japanese beetles will be felt. And, if you thought the 2018-19 winter damage was intense... what if you did not have any snow mold chemistries to protect your fine playing



surfaces?

Sadly, while you are busy working to provide your players recreational opportunities, there are many in the public trying to eliminate your trade tools, or even worse, the golf course you work upon. There are many who are deaf to all of the environmental and economical benefits a golf course brings to the community. They are well organized and quite stentorian when pontificating their case against your vocation, industry in general of pesticides.

At a recent meeting regarding BMP planning, one cynical turf professional claimed that it did not matter what the industry did, as the radical anti-pesticide groups would win the race because they shouted the loudest and declared their case with emotional context and not factual content. He is right. These groups have invested in their messaging through thought, word, deed, and most importantly, money.

That said, you too can make a BIG difference, if you care. You could review and clean your chemical application records so that they can pass any amount of scrutiny. *(Please remember I was once a superintendent. My manual record keeping improved over time but was not what it needed to/could be using today's tools. Is yours?)* You can update your BMP program or use the GCSAA BMP template to create one. You can become a leader in your community by participating on the watershed citizen action committee or the Parks and Recreation Board. You can build relationships by inviting your local, regional and state government officials and agencies to visit your golf course. You can volunteer in the spring or fall to teach community education on Best Management Practices for home property owners. You can write letters to the local news paper about the environmental stewardship embraced by golf courses. You can host an Audubon Bioblitz Day or invite your STEM School to a Green Start program at your facility.

You can create a “Golf and the Environment” day and invite residents of your community out for a walk about. Maybe start with your city officials (*in my mind’s eye I see this a coffee/donut birding opportunity in the early morning*).

Perhaps of most importance re-

garding this anti-pesticide assault, is not that you know about it and are articulate discussing the issue amongst your peers, but rather you do something decisive to control your own outcome.

Get off your cart and become an advocate for your industry.

Why Advocate?

“Unless someone like you cares
a whole awful lot, Nothing is
going to get better. It's not.”
- Dr. Seuss, The Lorax

