Upcoming Events

August 27
MGCSA Championship
New Richmond GC
Host: Tom Johnson

October 8
Wee One Event
North Oaks GC
Host: Brian Boll
This month’s issue of Hole Notes focuses upon irrigation. Zebra Mussels, wetting solutions and new technologies are presented to expand your knowledge base and with your management skills.

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**About the cover:**
Using a TDR 300 Moisture Reading Meter, Aaron Johnsen of Winfield Solutions Inc, generates data used to study and analyze the effects of wetting solutions and water holding capacity of fine turf putting surfaces. The total study can be found in this issue on pages 14 through 25.

...Even More Content...

**On Board:**
by E. Paul Eckholm CGCS at Heritage Links GC  
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Wee One Event Changed to August 8th mark your calendars!

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Well, here we are just past Memorial Day and if you are like me, it seems more like July than June! The season started early and the weather has been a bit crazy. This makes it all just a little more fun!

I wish I had some exciting news to fill you in with. Unfortunately there really has not been much going on. Work continues on the website. I think everyone will be very impressed with it when it launches. The digital Hole Notes seems to be well read. The “hit” numbers have been exceptional and it is great to be able to track how many times it has been opened. This will help selling advertising and it will give us a barometer for how we as an association are doing.

In the past week or so there have been some e-mails sent out on legislative causes that need to be addressed:

**GCSAA needs your chapter members’ help in reaching out to the members of the House Agriculture Committee to ensure that H.R. 872, the Reducing Regulatory Burdens Act of 2011, is included in the House Farm Bill and final 2012 Farm Bill.**

**The House of Representatives Transportation and Infrastructure (T&I) Committee will be taking up HR 4965 on Thursday that would prohibit the US Environmental Protection Agency or the Army Corps of Engineers from finalizing the “Final Guidance on Identifying Waters Protected by the Clean Water Act.”

More and more of these “Action Alerts” will be coming across your desk. Please take the time to contact your representatives and lobby to have these issues addressed in our favor. They are important to all of us!

Having just been to Washington DC with the GCSAA Government Relations Committee and meeting with staff members in several Representative and Congressmen/women’s offices, I can attest they care about us. They want us to be vocal about our issues. The louder we speak, the more attention these issues will get. The more attention they get the more likely we will get things swayed into our favor. We need to be loud and unified.

I know this is a very busy time of year for everyone. It is the time of year for invitationals, club championships, graduations, crazy weather, etc., etc. I urge everyone to take the time and contact your officials on any and all issues that affect us. These messages can be positive or negative. The key is to be heard! Together we are a big voice.
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In Bounds
by Jack MacKenzie CGCS

On occasion I cry. No, not the big bloopy slugs of saline accompanied by loud braying, but rather an eye filling trace of tears, breath restricting clutches in my throat and modest sniffles.

Indeed, I sometimes cry. Not at a beautiful red rose sunrise, a golf course shimmering in maintained perfection or an eight pound bass with scales the size of my thumb nail. Although breathtaking, I save my grandest sentimental response for the real important times of my life, reflections of my family and their accomplishments.

I cry at happy events not sad. Funerals draw solemnity and quiet from my introspective half. Joyous moments elicit a dimpled grin, wrinkled crows feet and that fine tell tale line of moisture engorging my lower eyelids; my jubilant and expressive core quaking with unbridled emotion.

In recent months I have done some crying. No, not when I smashed my little finger and nail between a trailer hitch and ball (that was a different kind of loud emotion!) Rather I cried in the presence and fulfillment of my children’s accomplishments.

Daughter Madeline heard my voice loud above all others as I shouted, “Way to go Madeline!” during her commencement from Winona State. Much to her
chagrin! Dry eyed in the bleachers I pondered, thankfully, her achievements, her friends, her commitments, her life. Outside when I was finally able to give her the hug I needed, I paused holding her in my arms and cried. My pride in her choices welled from deep within me.

My son Tyler, through with school and living his tournament course dream at The Olympic Club in San Francisco, graced me with his couch last week during the U.S. Open. With a smile I slept tight at night in his small apartment, shared with two water dragon lizards, three bi-color rats and a pair of guinea pigs.

Tyler, gone to work by 2:30 am and back home by 10:00 pm the week of the big event didn’t have much time for me except for a private tour of his favorite course, “the Cliff Course” on Tuesday afternoon where we happened upon a chance photo opportunity.

Wednesday I was alone all day as he performed his important tasks. Alone but not lonely as I reflected on Tyler’s grand adventure in our industry from divot dressing at North Oaks to work at TPC Twin Cities, Oakmont and finally his current destination. Late Wednesday afternoon I was one of the last on the bleachers behind the 16th green.

Had you been there to notice you would have seen a balance of moisture close to running down my cheek. An observer could have heard a raspy catch in my breathing as I thought about my son, my daughter and my very, very good fortune to share this wonderful life with them.

A wish for you my friends; a tiny tear, a mild shudder, a silent moment as you feel the satisfaction of family pride; your heart expanding ten fold. Take time and reflect upon your children and their true accomplishments. And if the moment moves you…have a little cry. Yes, have a little cry.
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**SOLID METAL PROFILE GOLF NOZZLES:**
Improving Distribution Uniformity and Extending Sprinkler Life

By Nancy Hardwick

Golf courses with aging irrigation systems often have similar concerns about clogged nozzles and inconsistent distribution uniformity, which can result in donuts and dry patches or over watered and saturated areas.

After exhausting traditional remedies, such as head adjustments, pressure checks, nozzle clean-outs and hand-watering, many superintendents have settled on a more long-term, labor-saving solution. They’re replacing plastic nozzles with solid metal Profile Golf Nozzles from Underhill International.

A recent change-out at the Tacoma Country and Golf Club by Superintendent Joel Kachmarenk illustrates what many superintendents have experienced. He reported:

“Soft areas were appearing around the heads of our Eagle 700s. When we adjusted the sprinklers to cut back on watering, we ended up with donuts in the 15- to 20-foot range.

“Then the nozzles started clogging up. With older courses, you’re going to...