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Smart Spray

New innovation in sprayer technology has superintendents saving on chemicals, labor and time.

By Seth Jones

The Tale of Gary Grow-In and the Grigg Bros.

How two Oregon farm boys unintentionally started a successful international fertilizer business

By John Walsh



About the cover

Golfdom EIC Seth Jones snapped this pic at Lawrence (Kan.) CC, where Bill Irving is superintendent, in late July.



Thinking Outside the Tee Box

> Industry pros look to new ways to keep rounds flowing.

By Katy Ibsen

columns

- 10 Reading Greens An "Intelligent" Use of Water?
- 12 At the Turn It's Professional Courtesy, and the Right Thing to Do
- 14 Turf M.D. Prepping for the Professionals

<u>epartments</u>

- 6 Off the Fringe Drought of 2012; fire claims life of a super's dogs; Old Tom Morris Award winner; Joel's Journeys; reader feedback
- 9 Around the Web
- 32 Clark Talks Turf Clark Throssell, Ph.D., discusses fairways with Zac Reicher, Ph.D.
- 38 The Company Line
- 40 The 19th Hole with... Chris Erickson. Superintendent, The Crosby at Rancho Santa Fe, San Diego, Calif.

Turfgrass Trends

This month, Golfdom's practical research digest explores ground squirrel control on golf courses. See pages 33-36.

Online Exclusive

Stop by Golfdom.blogspot. com to read reports from John Deere Feedback, the Barclays at Bethpage, Syngenta's Daconil Action meeting at Pinehurst Resort, and the Rocky Mountain GCSA chapter meeting.



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Golfdom's Family Grows

Every day's a good day at *Golfdom* (seriously, it is). And with the addition of our two newest team members, we feel like singing, "There's a party going on right here" (Kool and the Gang, 1980). Give it up for **Pete Seltzer** and **Bethany Chambers**. Seltzer came aboard in May as *Golfdom*'s new Vice President of Graphic Design and Production. He's among the most award-winning graphic designers in B-2-B publishing, and in 2011 his stellar work earned him *eight* national ASBPE design awards.

Seltzer comes to us from Advanstar Communications, where he served as the company's longtime group art director. Here at *Golfdom*, he'll focus on overall design for print and digital — including the much-anticipated *Golfdom* redesign being unveiled next year. Yeah, baby!

Golfdom's digital division just got its own power surge in the form of Digital Audience and Content Manager Bethany Chambers. A graduate of Northwestern's Medill School of Journalism, Chambers also comes to Golfdom from Advanstar Communications, where she served as digital editor for Medical Economics, a business mag for doctors. Chambers famously grew e-newsletter, social media and online properties in that role, so expect to see even more of us on the Web in 2013.

Oh, and if you start hearing rumors that Pete and Bethany are scratch golfers, we're here to tell you they are exactly that — rumors. Welcome to the team, Pete and Bethany!



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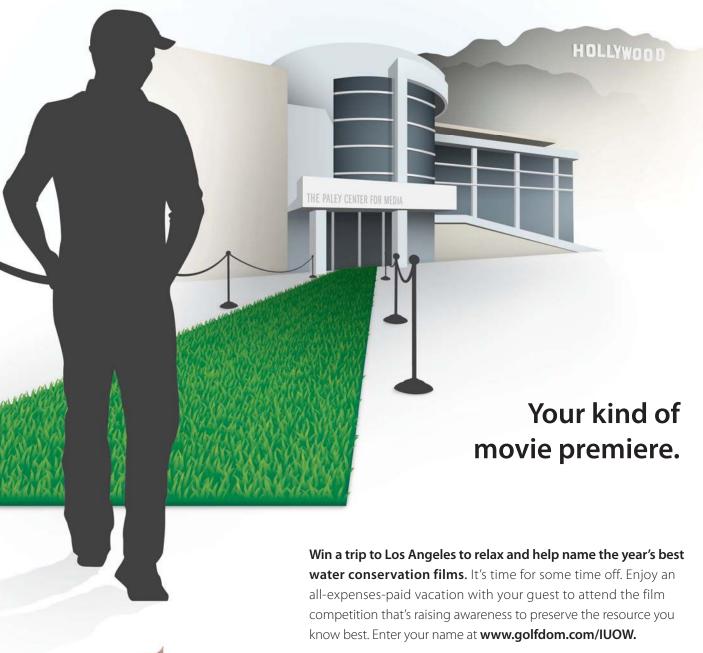
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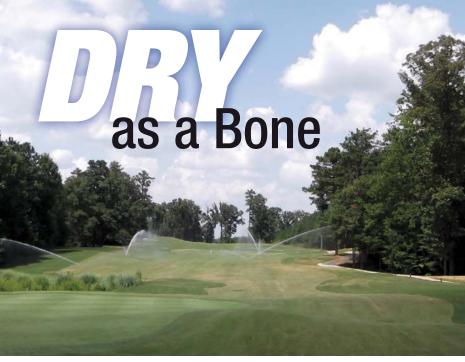












AS THE DROUGHT OF 2012 DRAGS ON, SUPERINTENDENTS ARE FEELING THE HEAT, IN MORE WAYS THAN ONE.

By Beth Geraci Senior Editor

K, so it's hot. *Really* hot. *Everywhere*. And judging from the way the National Weather Service Climate Prediction Center puts it, there's no end in sight.

"Dryness and drought, exacerbated by abovenormal temperatures, have been increasing both in extent and intensity across much of the central and northern U.S.," the center stated on its website at the end of July.

Just the word "exacerbate" seems to exacerbate the heat, does it not? And superintendents from the West Coast to the East are feeling it, both on their skin and on the job. We asked them how they're coping.

"It's pretty dry," confirmed Dave Befus, super-

intendent at Rochelle Ranch Golf Course, a public 18-holer in Rawlins, Wyo., which just experienced the driest June in its history. "I've had about six-tenths of an inch of rain in the last two-and-half months."

Consequently, Rawlins is under mandatory city-enforced water restrictions. Befus is prohibited from watering the course between 9 a.m. and 6 p.m.

"I go out and hit my hot spots before 9," he says. "We've got some areas that are hard — physically hard, because they didn't put much topsoil down when they built the course in 2002. It's not a problem in normal conditions, but it is now."

To stay on top of things, Befus has raised mowing heights and reduced the amount of nitrogen he puts down.

And Befus is hardly alone. The

NOAA National Climatic Data Center's July drought report says July 2012 was the hottest month ever recorded, with an average temp of 77.6 degrees. That makes June, the 14th warmest and 10th driest June on record, seem mild.

The most recent U.S. Drought Monitor data indicate that as of July's end, 63 percent of the Lower 48 states were drought stricken. That's "the highest such value for the U.S. Drought Monitor since its inception in 2000," states the National Weather Service.

"It's been rough," says Kyle Allen, assistant superintendent at The Bridgewater Club in Carmel, Ind. Unlike Rawlins, Carmel is not facing water restrictions. The course is in fact quite wet, Allen says, thanks to the liberal watering they've been doing.

"In a normal summer we're able to dry out the course a little bit more and get better playing conditions based on normal rainfall," he says.

This summer, the guys at Bridgewater have been watering at night and hand watering in the morning. Afternoons are spent doing touch-ups on hot spots.

On the bright side, Allen observes, the Indiana summer has been less humid than others, causing less disease pressure. "We've had one of the driest summers ever — ever, humidity wise," he says. "So it feels cooler. The lack of humidity causes the grass to dry out faster and get hot, so you have to water more. But it also prevents disease."

Over in Georgia, courses finally are getting some much-needed rain. "Things really changed dramatically a couple weeks ago," says Mark Abrams, superintendent at Wolf Creek Golf Club in Senoia,

"It's pretty dry. I've had about six-tenths of an inch of rain in the last two-and-half months."

- DAVE BEFUS. SUPERINTENDENT AT ROCHELLE RANCH GOLF COURSE

Ga. "We couldn't get any rain. The bermudagrass on our fairways, we couldn't put enough water out. And keeping the rough going...now we're catching afternoon thunderstorms pretty much every day."

In Georgia, it was dry from mid-June to mid-July — "really dry," Abrams says. "Normally it's a little more humid in mid-June, but this year it was low humidity through June and no rain. It was just, appearance wise, the bermudagrass looked really dry — like we weren't watering it. You just couldn't keep up."

In Senoia, it got up to 107 degrees one day. Several other days were in the hundreds as well. "The parched areas, we have a few on the fairways and roughs. But those'll green up soon," Abrams says.

As hot and dry as the summer's been, sometimes you just have to call it a day. Because when it comes down to it, "there's not much I can do," Befus says. "I'm hoping for August and September to cool down and get some rain."



Fire Destroys Maintenance Building, Kills Two Dogs

Sad news from my friend Chris Sorrell, who recently took the superintendent job at Boiling Springs Golf Course in Woodward, Okla.

A fire destroyed his maintenance facility, and most important to him, killed his two dogs, "Shooter," a 12-yearold schnauzer, and "Boswell," a 2-year-old border collie.

"It's totally awful. I couldn't get anywhere near the door... there was black smoke everywhere. (The dogs) were maybe eight or 10 feet away from me," Sorrell told me, sadness in his voice. "You know, the whole bloody thing could



A fire cost Boiling Springs GC all its equipment, records, irrigation controls and the lives of two beloved course dogs.

have burned down if my dogs were just out on the course with me, instead of being trapped inside the shop."

Nearby courses and the local John Deere distributor, PK Equipment, have already lent a hand, donating mowers and a cup cutter.

If Sorrell's name looks familiar, it's because he wrote the June 2011 Golfdom cover story, "Don't Be a Target," and he's written for the blog.

Sorrell was waiting for the insurance adjuster to arrive as I was talking to him. The fire department has told him the cause of the fire is unknown, calling it an accidental fire with an indeterminate origin. Among other difficulties, his irrigation system is down since his central computer was located inside the maintenance shop.

Regardless of all the bad news, Chris seemed like he understood that this was something he could overcome.

"Nobody was hurt, no one was in the building. The members are all being very supportive," Sorrell told me. "We'll make it through one way or another."

Off The Fringe



» READER FEEDBACK

Thank you for addressing the plight of aging superintendents in your July 2012 edition of Golfdom. As a soon-to-be-member of the "5.9%" and a current superintendent for the past 35 years, the comments from Jay Charnes, Mark Woodward and Joel Jackson describe my feelings and concerns for my future as a golf course superintendent appropriately.



Like many of my contemporaries, I assumed I could perform my duties well beyond the normal retirement age but now wonder at what cost. I'm not so worried about a younger assistant undercutting my salary, as my salary and benefits have already been adjusted accordingly over the course of the economic downturn. Plus, no one knows the irrigation system around here like I do! Keep up the good work!

Tom Brown, CGCS

Chesapeake Bay Golf Club Rising Sun, Md.

The article on "The 5.9%" was a great read. During next year's U.S. Open I will be part of that group.

I was talking this over with my young supervisory staff the other day, and you would think they wouldn't care, but it concerns them, even though they are in their mid-20s to mid-30s.

I told them what my dad told me one time; as long as you stay proactive you are fine, when you become reactive it is only a matter of time.

I guess we will see if his philosophy works, to see how deep I get into my career.

Well written as always!

Matt Shaffer

Merion Golf Club Ardmore, Pa.

Seth,

I am pleased as to how accurately you and Beth did your work on my story, the 5.9%. Not an ounce of spin which I could see! That is rare and so pleasing to see. I guess there was some spin in that it sort of made me and Mary look too good. Hey, we were just doing what we do and it turned out to be we got associated with a couple of people who have that rare quality of being "straight up."

The whole experience has been a charmed event. The way in which you handled it all was professional, kind and supportive. I am just corny enough to think it may make a difference as this "180 rule" thing continues to play out.

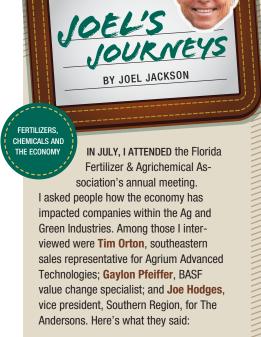
Jay Charnes

Author, "The 5.9%" Co-owner, Superintendent's Choice Sod



Sales and Marketing for John Deere Golf. He was 56. We loved interviewing Breningmeyer because he always told it exactly like he saw it. From all of us at Golfdom, our condolences to the Breningmeyer family

as well as the John Deere family, for their loss.



- Tim Orton: "Our biggest decline came in golf and wholesale nursery sales as courses adjusted maintenance budgets down and fewer housing starts affected nurseries. Oddly enough, lawn care companies and big box store sales remained stable or flat. We saw folks downgrade their use of slow-release materials from the highestgrade product to lesser grades, but they still valued the timed-release technology to give consistency of turf performance."
- Gaylon Pfeiffer: "Certainly housing starts have had an impact on our T&O markets, especially in the sales of termiticides. But the number one impact on recent chemical sales in the golf and lawn care markets has been the growth of generic products. We are still constantly developing and introducing Ag and T&O products that meet grower needs with a serious dedicated emphasis on minimizing environmental impacts."
- Joe Hodges: "We are seeing reductions in citrus acreage due to disease and pasture input cultural practices. Traditional agricultural supply companies are now looking to increase business to golf courses, horticulture and lawn care to offset those losses.

"We have seen an uptick in the use of specialty products that improve water quality as more courses use reclaimed water for irrigation purposes."

Around the

ALL JUST A CLICK AWAY **WHO STOPPED** THE RAIN? INTENSITY The U.S. Drought Monitor reports that 61 percent of the lower D0 Abnormally Dry 48 has been suffering through a drought. ■ D1 Drought - Moderate Anyone know a good rain dance? D2 Drought - Severe Don't worry, this month's cover story - it ■ D3 Drought - Extreme starts on page 16 – is all about recovering from ■ D4 Drought - Exceptional another rough summer. The healing starts now!

Source: U.S. Drought Monitor (http://droughtmonitor.unl.edu/), July 24th, 2012





AGGRESSIVE THATCH CONTROL

Superintendent Chris Deariso's aggressive new method for combatting thatch on TifEagle greens, step-by-step. http://tinyurl.com/cdaa9de



LOOK MA. NO HANDS!

This sprayer from Turf Geeks doesn't need an operator – as demonstrated by this daring stunt! Don't try this at home! http://tinyurl.com/crwcdvz

TOP TWEETS

Jason Chennault (@JasonChennault): The #paspalum at #PGA looks great, presenting a perfect challenge. Great job Jeff Stone and team. **Dustin Riley, CGCS** (@ogcsuper): By Monday, I should know which dormant turf in the roughs is actually dead turf. #gettheseedorderready.

Dustin Harvey (@nibiruhary)

@SuperProblems is it bad when you like the smell of propiconazole in the morning?



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USE PROPER APPLICATION EQUIPMENT

By Julie Pospech | FMC

Even when the appropriate pesticide is applied using the right equipment, applicators will not achieve optimal results if their tools are not prepared properly. To ensure even, effective treatment, only use sprayers and spreaders that have been calibrated to the

approved equipment settings for the pesticide being applied. Be sure to take into account field speed, application rate, spray pressure and the size of



the treatment area. Accurate calibration helps ensure that a pesticide is applied at a rate that delivers effective control without endangering humans, plants and animals living nearby. After application, it is just as important to wash equipment and perform any necessary maintenance.

Julie Pospech is the Market Specialist for FMC Professional Solutions in Colorado, Kansas, New Mexico, Oklahoma and Texas.







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Reading Greens

■ EDITOR'S COMMENTARY

el H

ello, Seth? This is Jack Hanna."

Sometimes my cell phone rings and I get an unexpected surprise on the other end. When I receive

a phone call from a celebrity outside the golf world — people like Vince Gill, or "Puddy" from *Seinfeld* — I immediately ask myself, what does it have to do with golf?

But then, that's my job: to figure it out. Somewhere a PR person was nice enough to pass along my cell phone number, and the next thing I know I'm in a conversation with someone I hear on the radio or see on TV regularly, and I have to figure out a way to bring it all back around to golf. That's where I found myself with Hanna, well known for his many wildlife TV shows and for bringing exotic animals to *Good Morning America* and *Letterman* for the last 30 years.

Wait! Before you flip to Woodward and Danneberger, let me remind you that the reason I was talking to Hanna at all is because Jack is the unofficial M.C. of Rain Bird's Intelligent Use of Water film competition... and Rain Bird, in partnership with *Golfdom*, will be flying two lucky people to Beverly Hills, all expenses paid, to attend the event. You can bring your wife, your assistant, your general manager (alright, probably not your GM), whomever. I only ask that you bring someone fun with you, because you'll be hanging out with me and Jack Hanna, and, well, we like to party. Just go to www.golfdom. com/IUOW to enter.

Check it out: Though Hanna has never played a round of golf, he sure loves the game. Why? Because he's an environmentalist... and environmentalists love golf.

For 20 years Hanna lived off the 10th hole at Muirfield Village GC in Dublin, Ohio. That's when he fell in love with what golf courses offer to those lucky enough to live nearby.

"I'm out there by myself in the woods, the fairway is 50 feet from my house," Hanna recalled. "I get to walk it and see the deer and the birds and all kinds of animals out there

An "Intelligent" Use of Water?

BY SETH JONES



"WHAT DO THEY
WANT, A COMPANY
ON THAT LAND?
HOUSES ALL OVER?"
HANNA ASKED.
"GOLF COURSES
DIVERT WATER,
CONSERVE WATER,
RECYCLE WATER."

on the golf course. I loved that."

I asked Hanna what he thought about the people out there who complain that golf courses use too much water. Is golf indeed an "intelligent" use of water?

"No matter what you do in this world, somebody's going to complain. It makes no difference what you do," Hanna said. "A lot of people play golf. What (critics) don't realize is, (golf courses are) preserving a lot of land. What do they want, a company on that land? They want houses all over the place? (Golf courses) divert water, conserve water, recycle water. Golf does more conservation than many projects throughout this country."

Hanna clearly is simpatico with superintendents when it comes to his appreciation for the environment as well as an appreciation for an industry that employs a whole lot of people.

I asked Hanna what to expect at my first IUOW film festival.

"I've presented at the Emmys, I've done 28 years on *Letterman*, 30 years on *Good Morning America*... this is right up there," he told me. "It's going to blow your mind. At least, I hope it does! Maybe I'm building this up too much! It blows my mind."

I had the pleasure of chatting with Hanna for a while. I'm sad I don't have more room to share more of our conversation here... like his story of living on an abandoned golf course in Rwanda, or his honorary title of "director of wildlife" at a course in Ohio.

I'll save those stories for when we're in Beverly Hills, OK?

E-mail Jones (who is clearly pretending not to know Puddy's real name is Patrick Warburton) at sjones@northcoastmedia.net.