

We all know where the golf industry has been. It's time to think about where it's going. We certainly are.

Pioneering E-Cut<sup>™</sup> Hybrid technology, and making it available on both fairways and greens mowers.

Developing a revolutionary Speed Link<sup>™</sup> height-of-cut adjustment system for every reel mower.

Crafting machines with similar controls, to simplify operator training. Partnering with our in-house finance operation motivated to make the numbers work for you. Building a unified equipment, irrigation and agronomic team. In other words, providing forward-thinking solution after solution, ready now to help you take full advantage of the opportunities that lie in the decades ahead.

Proving that the glory days of golf are still ahead of all of us.

Interested in that sort of future?

Visit JohnDeere.com/Golf—and be sure to enter our Think Ahead Sweepstakes for prizes including Apple<sup>®</sup> iPads<sup>®</sup> and a trip to The Open Championship at Royal St. George's<sup>\*</sup>... the "British Open."





Think Ahead.

NO PURCHASE NECESSARY. A PURCHASE WILL NOT INCREASE YOUR CHANCES OF WINNING. LEGAL RESIDENTS OF THE 50 UNITED STATES (D.C.) 21 YEARS AND OLDER WHO ARE PROFESSIONAL SUPERINTENDENTS OR COURSE MAINTENANCE MANAGERS OF ANY GOLF COURSE REGISTERED IN THE NATIONAL GOLF FOUNDATION REGISTRY. VALID PASSPORT AT TIME OF ENTRY IS REQUIRED FOR GRAND PRIZE. VOID WHERE PROHIBITED. Sweepstakes ends 4/30/11. For Official Rules, prize descriptions and odds disclosure, visit www.johndeere.com/golf. Sponsor: Deere & Company, One John Deere Place, Moline, IL 61265-8098.



The last time turf herbicides saw an innovation this big, man had yet to walk on the moon.

## Introducing DuPont<sup>™</sup> Imprelis<sup>™</sup> herbicide — one giant leap for broadleaf weed control.

DuPont<sup>™</sup> Imprelis<sup>™</sup> is the most scientifically advanced turf herbicide in over 40 years. Thanks to its innovative new technology, you can control clover plus even the toughest broadleaf weeds like ground ivy and wild violets—with more application freedom than ever before. Apply Imprelis<sup>™</sup> on rainy days, hot days, dry days, cold days ... even reseeding days, and experience longer-lasting residual control on a wider range of broadleaf weeds. Imprelis<sup>™</sup> is easy on the environment too with one of the lowest application rates in lawn care, combined with low mammalian toxicity. **Make the leap with DuPont<sup>™</sup> Imprelis<sup>™</sup> herbicide.** 



The miracles of science™

DuPont" Imprelis" may not be registered for sale or use in all states. Contact your DuPont sales representative for details and availability in your state. The DuPont Oval Logo, DuPont". The miracles of science" and Imprelis" are trademarks or registered trademarks of DuPont or its affiliates. Copyright © 2010 E.I. du Pont de Nemours and Company. All rights reserved.

# GOICOM MARCH 2011 • VOLUME 67 • NO. 3

# How's the Weather? BY KEN MOUM

What are the weather experts predicting for 2011? And how are supers preparing?

# 26 Big Shoes to Fill

After his predecessor worked almost 50 years, a longtime assistant gets his shot.

**By John Walsh** 

About the cover Art director Carrie Parkhill gives the summer of 2010 a visualization. Image by iStock International Inc.



In just the last three years, the demand for hybrid greens mowing tech has shot off the charts. **By Seth Jones** 

## columns

- 8 **Reading Greens** Questions and Answers
- 12 From the Back Tees We're Making Golf History Right Now
- 14 Turf M.D. A Day to Remember
- 48 Shack Attack Help Us Out, USGA

## partments

10 Off the Fringe Cal-Riverside Halts Diagnostics Lab; Lebanon Acquires PHC; Fire at FarmLinks.

16 Hole of the Month

41 Clark Talks Turf Clark Throssell, Ph.D., discusses repairing winter damage on annual bluegrass greens with Kevin Frank, Ph.D.

## **Turfgrass Trends**

This month. Golfdom's practical research digest looks into nematode management, as well as the value of having a variety of wildlife at your golf course. See pages 43-47.

## **Online Exclusive**

Stop by the Golfdom Daily at www.golfdom.blogspot.com to keep up with Golfdom EIC Seth Jones as he makes a visit to both the desert southwest as well as the first major of the year at the Masters.

## 32 Less is More

The common thought at the 2011 GIS: smaller just might be better. By Seth Jones and Marty Whitford

## Discover your turf's inner strength.

The best offense is a good defense when it comes to overall plant health. That's why CIVITAS turns on the natural defenses of the plant to fight off fungus. Studies have shown that CIVITAS helps the plant develop a more structured root system and can decrease fertilizer requirements by up to 50%. Effective fungus control without any resistance issues. Embrace CIVITAS and change the game for the better.



For more information and to view a video of CIVITAS on "The Profiles Series" visit www.civitasturf.com

# THE STARS

## The Andersons Complete TURF HEALTH SYSTEM





800-253-5296 www.AndersonsTurf.com

## www.golfdom.com Golfdo

Seven-time winner of the national Folio: Award for editorial excellence

#### EDITORIAL STAFF

Seth Jones EDITOR IN CHIEF 785-690-7047 Dan Jacobs ASSISTANT EDITOR 216-706-3754 Carrie Parkhill ART DIRECTOR 216-706-3780 Geoff Shackelford CONTRIBUTING EDITOR Joel Jackson CONTRIBUTING EDITOR Anthony Pioppi CONTRIBUTING EDITOR Ron Furlong CONTRIBUTING EDITOR Anthony Williams CONTRIBUTING EDITOR John Walsh CONTRIBUTING EDITOR Jim Black CONTRIBUTING EDITOR Karl Danneberger SCIENCE EDITOR Mike Klemme PHOTOGRAPHY

sjones@questex.com djacobs@questex.com cparkhill@questex.com geoffshackelford@aol.com flgrn@aol.com apioppi@earthlink.net rfurlong5@gmail.com anthony.williams@marriott.com jwalsheditor@gmail.com greenkeeperjim@yahoo.com danneberger.1@osu.edu mike@golfoto.com

#### **BUSINESS STAFF**

**CLEVELAND HEADQUARTERS** 600 SUPERIOR AVENUE, EAST, SUITE 1100 CLEVELAND, OH 44114, FAX: 216-706-3712

Patrick Roberts PUBLISHER 216-706-3736	proberts@questex.com
Dave Huisman NORTHERN SALES MANAGER 732-493-4	951 dhuisman@questex.com
Jason DeSarle SOUTHERN SALES MANAGER 216-706-3	3758 jdesarle@questex.com
Ric Abernethy	
BUSINESS DEVELOPMENT MANAGER 216-706-3723	rabernethy@questex.com
Kevin Stoltman VICE PRESIDENT 216-706-3740	kstoltman@questex.com
Petra Turko SALES ASSISTANT 216-706-3768	pturko@questex.com
Amber L. Terch PRODUCTION MANAGER 218-279-883	5

Amber.terch@superiormediasolutions.net

VERIFIED

Jamie Kleist PRODUCTION DIRECTOR 218-206-2107

Jamie.kleist@superiormediasolutions.net Carol Hatcher AUDIENCE DEVELOPMENT 216-706-3785 chatcher@questex.com

#### MARKETING/MAGAZINE SERVICES

Reprints 800-290-5460 ext. 100	golfdom@theygsgroup.com
liene Schwartz CIRC. LIST RENTAL 216-371-1667	ilene@krolldirect.com
Subscriber, Customer Service	
866-344-1315; 847-763-9594 OUTSIDE THE U.S.	chatcher@questex.com

#### CORPORATE

Kerry C. Gumas PRESIDENT & CEO Tom Caridi EXECUTIVE VICE PRESIDENT & CFO Tony D'Avino EXECUTIVE VICE PRESIDENT Gideon Dean EXECUTIVE VICE PRESIDENT

#### OFFICIAL PUBLICATION OF



American Society of Irrigation Consultants P.O. BOX 426 ROCHESTER, MA 02770; 508-763-8140; WWW.ASIC.ORG

Golfdom does not verify any claims or other information appearing in any of the advertisements contained in the publication, and cannot take any responsibility for any losses or other damages incurred by readers in reliance on such content.

Golfdom welcomes unsolicited articles, manuscripts, photographs, illustrations and other materials but cannot be held responsible for their safekeeping or return

Questex Media Group LLC provides certain customer contact data (such as customers' names, addresses, phone numbers and e-mail addresses) to third parties who wish to promote relevant products, services and other opportunities which may be of interest to you. If you do not want Questex Media Group LLC to make your contact information available to third parties for marketing purposes, simply call 866-344-1315; 847-763-9594 if outside the U.S. between the hours of 8:30 a.m. and 5 p.m. CT and a customer service representative will assist you in removing your name from Questex Media Group LLC's lists.

GOLFDOM (ISSN 1526-4270) is published monthly (12 issues per year) by Questex Media Group LLC, 306 W Michigan Street, Suite 200, Duluth, MN 55802. Corporate office: 275 Grove St., Suite 2-130, Newton, MA 02466. Accounting, Advertising, Production and Circulation offices: 306 W. Michigan St., Suite 200 Duluth, MN 55802-1610. Subscription rates: One year \$43 (U.S. and possessions), \$65 (Canada and Mexico) and \$38 (all other countries). Air expedited service is available in countries outside the U.S. and Canada for an additional \$75 per year. Current issue single copies (prepaid only)



We have a strain Calabact of a radiation of or between values to be sugge copies (prepared only style) which are a strain calabact on the strain of the s

POSTMASTER: Please send address changes to *Golfdom*, P.O. Box 1268, Skokie, IL 60076-8268. Ca-nadian G.S.T. Number: 840033278RT0001, Publications Mail Agreement number 40017597. Printed in the U.S.A. Copyright 2011 by Questex Media Group LLC. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the publisher. Authorization to photocopy items for internal or personal use, or the internal or personal use of specific dients, is granted by Queste Media for libraries and other users registered with the Copyright Clearance Center, 222 Rosewood Dr., Danvers, MA 01923, phone 978-750-8400, fax 978-750-4470. Call for copy-ing beyond that permitted by Sections 107 or 108 of the U.S. Copyright Law. For those not registered with the CCC, send permission request to questexpermissions@theygsgroup.com or 800-494-9051, ext 100.

#### INVENTION. INSIGHT. INNOVATION.

In conjunction with golf course superintendents, Turfco introduced the first mechanized topdresser in 1961. This invention sparked 50 years of turning customer insight into topdresser innovation. Today's lineup of Turfco equipment represents the latest technology available for improving turf health and playability. Turfco topdressers give you unprecedented flexibility and performance to deliver the exact spread you need, all while keeping operator control simple and intuitive.



ENTER THE Omniversary Giveaway

As we celebrate our 50th Anniversary of inventing the topdresser, we want to say thank you by giving you a chance to celebrate, too. Go to **www.turfco.com/50years** to register for our Anniversary Giveaway. The earlier you enter, the more chances to win.

**10 Apple<sup>®</sup> iPads<sup>®</sup>** will be given away throughout the year.

A Grand Prize Drawing will take place at the end of the year for a Turfco WideSpin<sup>™</sup> 1540 EC, the most advanced topdresser available today.







Thanks for your business!

## REGISTER TODAY AT WWW.TURFCO.COM/50YEARS

## **Reading Greens**

EDITOR'S COMMENTARY

his Golf Industry Show was an amazing experience for me. As a journalist, I'm used to asking the questions. One of the biggest surprises for me at this GIS was how many people were asking *me* the questions.

Honestly, I was flattered. Often it feels like I'm writing in a void, but then I attend the GIS and people bombard me with questions about my job change, about my recent stories and travel experiences, proving to me they're reading my stuff every month... it's a flattering experience.

If you didn't get a chance to catch up with me for a beer or three at Miller's Ale House in Orlando, I thought I'd share with you the most commonly asked questions of your pal Seth:

**Wow, man, editor-in-chief of** *Golfdom***?** Isn't it great? Cheers! I'm so excited, and I love it.

Did you get 'let go' from GCSAA, or...? I'm happy to report that I was not let go from GCSAA, that I was still gainfully employed there when the guys from *Golfdom* called me up to discuss 'an opportunity.' My last day at GCSAA coincided with the company holiday party, so, in my mind, I pretended it was my own going-away party.

**So what the heck is really going on at GCSAA?** A similar thing that is going on throughout the industry. How big is your crew right now? Smaller than it was six years ago? GCSAA is in the same boat. It's just a rough time.

The staff members at the GCSAA are trying their best with the pieces they still have. But, in my opinion, morale was low there. It's the same way in a lot of places right now, where you can sense the gloom. I hope they all catch a few breaks soon, because they deserve it.

Whose fault is it? It's my fault.

#### Just kidding.

It's hard to point a finger. The GCSAA leadership understands they need to diversify revenue to be less dependent on the GIS.

I have some speculations, but they're just that, speculations. Besides, who cares whose fault it is? A better question is, "How are they going to bounce back?" (And I'll save that one for a future column.)

# Questions and Answers

#### **BY SETH JONES**



"SO, ARE YOU JUST GOING TO ROAST THE GCSAA NOW THAT YOU'RE WITH *GOLFDOM*?" **OK**, so what really happened to (former GCSAA **CEO**) Mark Woodward? Oh man, check out this Blake Griffin dunk they're about to show on *SportsCenter*!

Jerk....So, are you just going to roast the GCSAA now that you're with *Golfdom*? You know, I'm going to do my job, be fair and make *Golfdom* the best magazine it can be. I'm going to work my tail off to get the best contributors, the best stories, the best covers.

So I won't be unfair to any one organization. I learned that early on in journalism school. I'm not supposed to have a political agenda, or, even worse, some irrational vendetta. I think that's a sad, tired way to try to draw readers in the industry.

**How'd you play at Tournament?** Horribly, thank you. But I had a good time. Although, there are now nine more GCSAA members who know that being a good golfer was not one of my job requirements.

What's it like going from *GCM* to *Golfdom*? Oh, man. First of all, you have to understand, those are my friends over at *GCM*. I worked with those guys for 12 years! It's a wonderful team.

It is a huge difference, though. The best way to put it is this way: When I was at *GCM*, it was like working with a family.

Now with *Golfdom*, it's like I moved out of mom and dad's house and into "Animal House." Bluto is shouting "TOGA!" and they're talking about driving a tank through the next GIS. Seriously, it's a great group here, an anything-is-possible team. Not only did I get a new job, I got a new group of friends, along with a beautiful window office in downtown Cleveland.

That's awesome. Ready for another beer? TOGA!



## "I'll make dollar spot pay."



"Even the best turf can fall victim to disease. But with Honor® Intrinsic™ brand fungicide, I Intrinsic's plant health benefits give me a better root system so I can stand up to stresses

Intrinsic brand fungicides don't just fight disease; they give turf the resilience to endure



0.

NEWS WITH A HOOK

## Lebanon Acquires PHC

ebanon Seabord Corp., parent company of LebanonTurf, announced recently that the company has acquired the U.S. horticultural and turf division of Plant Health Care (PHC), Inc.

Off The

Established in 1995, PHC is regarded as a pioneer among manufacturers of biologically based products for all segments of the green industry. The company is known for its research applied to fertility products incorporating beneficial microbes, mycorrhizal fungi and soil nutrients.



"PHC products add to our ability to create both environmental and economic benefits for our customers and capitalize on a movement throughout the green industry toward natural systems and biological products that promote plant health," Katherine Bishop, president and CEO of Lebanon Seaboard, said of the acquisition.

The acquisition of PHC complements Lebanon Seaboard's 2009 acquisition of Novozymes' turf and landscape business and its 2008 acquisition of the Emerald Isle line of foliar and granular fertilizer products from Milliken Chemical.

Want to get your news in Golfdom? E-mail Seth Jones, editor in chief, at sjones@questex.com.

# Cal-Riverside Halts Diagnostics Lab

n a letter to the industry, Frank Wong, Ph.D., Cooperative Extension specialist at the University of California-Riverside, announced that as of March 7, 2011, their turf diagnostic lab services would no longer be in operation.

The lab collected more than 500 samples a year and supported the industry in California and surrounding states. But because of the reduction of several funding opportunities, personnel changes and the failure to get larger grant funding outside the turf industry, the lab was no longer sustainable.

"The true cost of the diagnostic program was subsidized by funding from UC Riverside, cooperative research with chemical companies, other grant resources or GCSAA contributions, and we have for the most part made it work," Wong said in the letter. "For 2011 we will try to reorganize under a new business plan to meet the diagnostic lab needs of the industry, and relaunch the service under a different model as soon as we can."

Paul Mayes, CGCS at Hemet (Calif.) Golf Club, said the news was discouraging and would complicate his work maintaining Hemet GC, an 18-hole public course set in California's Hemet Valley.

"It's a shame, because other than Larry (Stowell, Ph.D.) at PACE Turf down in San Diego, there's nothing out here," he said. "I probably used (UC Riverside's lab) four to six times a year."

Wong stated in his letter that the annual cost to maintain the lab was \$80,000, while on average it only brought in \$30,000 a year over the last three years.

"It's unfortunate that they can't support golf courses," Mayes said. "Hopefully they can get the funding fixed and get it back on track. But it's just like everything else these days, everyone's seeing cutbacks – it's the almighty dollar."