

BUILT FOR TOTAL SAVINGS DAY AFTER DAY.

When it comes to total savings, there's no competition.



Count on fuel savings

Energy Savings Mode provides consistent reel speed at lower engine RPM to significantly reduce fuel consumption and noise without compromising productivity or cut quality.



Efficiency that's built-in

Friction-free stainless steel bearings are just one of the many built-in components that help maximize horsepower and minimize fuel consumption.



Do more with one machine

Toro's exclusive Tool-Free, Quick-Change™ cutting unit system allows you switch between reels and accessories in just a few minutes! Mow greens then switch to tees, surrounds, thatch, roll greens or spike...



Turn up productivity

Features such as Quick-Change™ cutting units, lift-gate footrest for easy access to the center cutting unit, no daily grease points, InfoCenter™ onboard display and automotive-style advanced diagnostics all help reduce labor costs.

toro.com/triflex



Hector Turf
Deerfield Beach, FL
954-429-3200



Wesco Turf, Inc.
Sarasota, FL
941-377-6777
Lake Mary, FL
407-333-3600

TORO

Count on it.

A Sandhill Crane stalks the shoreline along the lake on #22.



A pair of Marsh Hens disturbed by a nosy photographer on #26.



A flock of Lesser Scaup ducks becomes a flotilla on the Hatchett Creek nine.

Pelican Pointe G&CC –
A place where you can score lots of birdies

Photos by Joel Jackson



A Little Blue Heron looking for minnows in the lake on #25.



Birds are scarce around this bull gator on the 12th hole on the Preserve nine.

Egrets and Herons congregate in the marsh grass on the lake on hole #2.



DIRECT SOLUTIONS

Committed to Growth

Industry Leading, Direct Sales of Fertilizers, Chemicals, Plant Protection Products, and Grass Seed.

As your one-stop supplier, Direct Solutions' commitment to you is simple:

Our Promise. Provide a complete range of the most advanced turf-growth solutions on the market.

Our Partnership. Develop agronomic and economic solutions tailored to your specific turf conditions, budget and delivery schedules.

Our Performance. Deliver proven turf management programs with environmentally-responsible fertilizer technologies, micronutrients, seed and chemical products.

Our Products. We proudly offer all leading turf & ornamental products to meet your needs, and feature these fine fertilizer technologies along with the exciting new nematode product, MultiGuard Protect.



**Proud to be a new Platinum Level sponsor of the FGCSA.
We are Direct Solutions, and we are committed to growth.**

www.aatdirectsolutions.com

Port Orange, FL
Gary Morgan
All
(386) 527-0682
gmorgan@agriumat.com

Naples, FL
Jason Sherwood
Golf/Lawn Care/Nursery
(239) 253-6346
jsherwood@agriumat.com

Clermont, FL
Chris Collins
Golf/Lawn Care
(407) 448-3703
ccollins@agriumat.com

Sarasota, FL
Fred Hemming
Golf/Lawn Care/Nursery
(813) 625-3431
fhemming@agriumat.com

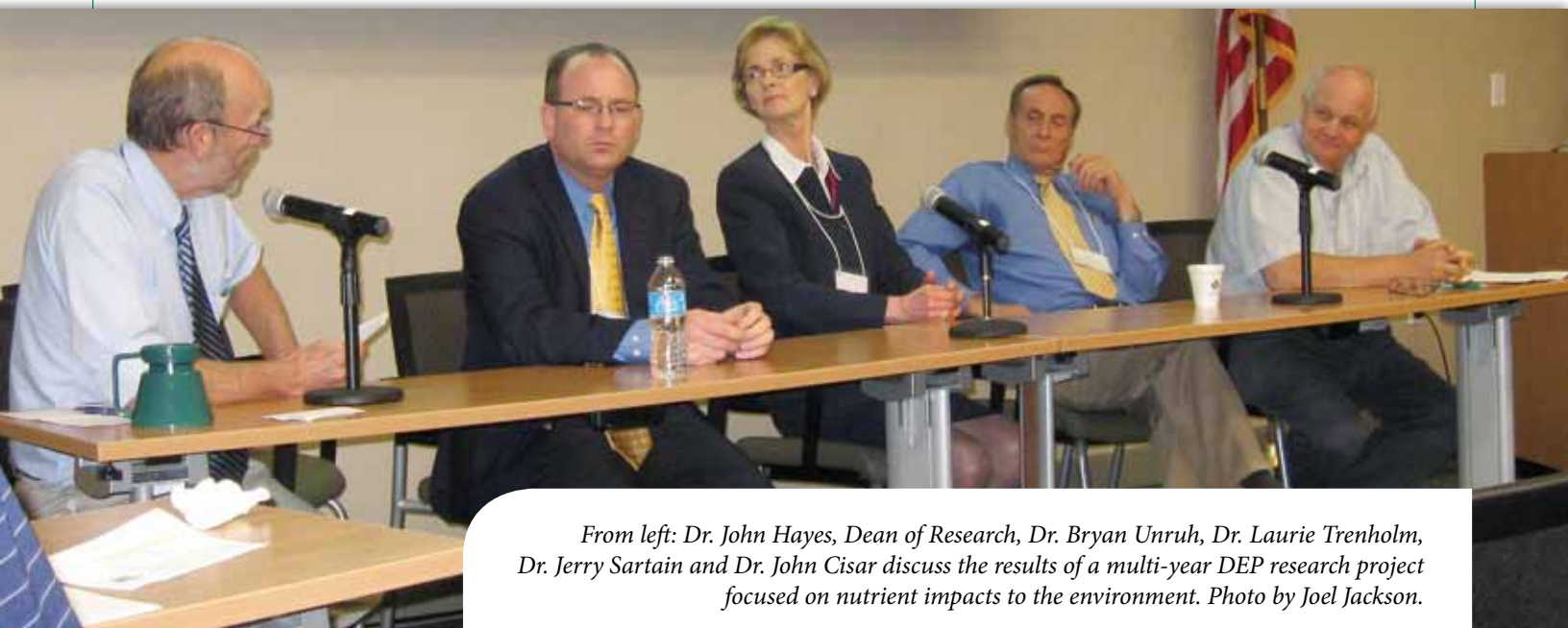
Panhandle, FL
Ed Slatton
Golf
850-375-3566
eslatton@agriumat.com

Spring Lake, FL
Jason Chambrot
Golf
561-531-3791
jchambrot@agriumat.com

Lutz, FL
Richard Newman
Golf/Lawn Care
904-404-6175
rnewman@agriumat.com

Jacksonville Beach, FL
Chad Martin
Golf/LCO
904-524-2650
cmartin@agriumat.com

Southeast Sales Manager
Kit Rowe
All
704-770-1805
krowe@agriumat.com



From left: Dr. John Hayes, Dean of Research, Dr. Bryan Unruh, Dr. Laurie Trenholm, Dr. Jerry Sartain and Dr. John Cisar discuss the results of a multi-year DEP research project focused on nutrient impacts to the environment. Photo by Joel Jackson.

February 19, 2013

To help homeowners, industry personnel, UF/IFAS posts videos on turfgrass research

GAINESVILLE — Researchers with the University of Florida's Institute of Food and Agricultural Sciences recently completed the state's largest-ever study of landscape turfgrass and fertilizer use, and new online videos will help homeowners and lawn-care professionals understand the findings.

The eight-year, \$4.2 million study was funded by the Florida Department of Environmental Protection to determine the effectiveness of current UF/IFAS fertilizer recommendations, which have been in use since about 2000, said John Hayes, UF/IFAS dean for research. Florida has more than 5 million acres of home and commercial turf.

"This work is an important body of information generated here to address important questions about nutrient management," Hayes said. "We're proud to communicate our findings and we hope they will play a substantial role in helping residents, industry personnel and policymakers protect water quality."

Three hours of technical presentations from a Jan. 15 live symposium are available at <http://tinyurl.com/be2la7q> and a three-minute video aimed at educating the public has been posted at <http://tinyurl.com/ajy4ytr>.

The results generally are consistent with current UF/IFAS recommendations for fertilizer use, Hayes said, but the Florida Department of Agriculture and Consumer Services plans to review the state's urban fertilizer rules in light of the study findings. The agency will hold public meetings to seek comment about possible changes.

The study involved three locations, numerous establishment, fertilization and irrigation practices, and multiple turf varieties, including St. Augustinegrass, zoysiagrass, centipedegrass and bahiagrass.

Despite the differences, researchers made several basic conclusions:

- Very little nutrient leaching results from summertime application of UF/IFAS-recommended fertilizer rates to healthy, growing turfgrass.
- Summertime fertilizer bans could potentially deprive healthy turf of nutrients when needed most, threatening turf health and quality.
- Nutrient leaching can result from fertilizer application to dormant or unhealthy turf.
- Newly laid sod should not be fertilized for 30 to 60 days because it will not have an established root system for effective nutrient uptake and it is likely to carry nutrients from fertilizer applications at the sod farm where it was grown.

The study involved experiments conducted at UF/IFAS research facilities in the Panhandle, Gainesville and Fort Lauderdale, using turf, soils and management practices common to each area. The state's most popular turf, St. Augustinegrass, was studied at all three sites.

Faculty members John Cisar, Jerry Sartain, Laurie Trenholm and Bryan Unruh led the study and presented their research findings at a public meeting in Citra, where much of the footage was shot.

The video includes a question-and-answer session with the scientists, and comments from Andy Rackley, director of agricultural environmental services for FDACS.

Several researchers mentioned that their findings raised new questions and pointed out the need for additional research on topics including the use of bio-solids and other organic nitrogen sources, the use of reclaimed water, turfgrass phosphorus requirements, and the effects of summertime fertilizer bans.

"We're in some conversations with DEP (the state Department of Environmental Protection) still about moving forward with some additional data analysis," Unruh said.

He also noted that the results suggest UF/IFAS' nutrient recommendations for zoysiagrass may need to be modified, but any changes to those nutrient recommendations must come about through a vetting process by the Plant Nutrient Oversight Committee, a team

MORE THAN JUST A GREAT ULTRA-DWARF

The Sunday™ Ultra-Dwarf Bermudagrass program is dedicated to unmatched quality and support for each job.

Limited Production

All Sunday Ultra-Dwarf bermudagrass comes from a single Florida farm employing the highest quality-control program in the industry.

Selective Sales & Installation

Sunday can only be installed by an Authorized Installer. All Sunday Authorized Installers have golf industry experience and proven track records of success.

Standardized Post Job Follow-Up

Both the installer and representatives from Sod Solutions will perform post job inspections to monitor the progress of the greens and provide support.

FLORIDA AUTHORIZED DISTRIBUTOR/INSTALLERS

Bethel Farms Arcadia, FL	JW Sod, Inc Loxahatchee, FL	Quality Turf Lithia, FL
SMR Farms Bradenton, FL	G to Z Turf Services Fort Myers, FL	

SUNDAY
ULTRA-DWARF BERMUDAGRASS™

Sunday Ultra-Dwarf Bermuda is Sod Solutions' first "greens" type grass. Developed by a turf grower and golf course owner, Sunday is finer-textured than Tifdwarf. Sunday can be mowed as low as .100 and provides a very consistent, high quality putting surface. A lighter green color, Sunday produces a highly aesthetic green with proven, stable genetics.

www.sundaygreens.com

of administrators and scientists who review all nutrient recommendations from UF/IFAS.

Extension personnel will be trained to help them communicate the findings to homeowners and there may be additional public workshops, Trenholm said.

Homeowners with unhealthy lawns should contact county extension personnel to discuss the problem

and not automatically assume that fertilizer is needed, Cisar said.

"If you have a lawn that's in bad shape, it makes sense to ascertain why," he said. "It may be that the grass needs fertilizer but it could be something else, like a lack of proper irrigation, proper mowing height, or the grass isn't getting enough light."

CONGRATULATIONS

Peter Brooks, CGCS and The Everglades Club!



The Everglades Club in Palm Beach becomes the 113th golf course in Florida to become ACSP Certified.

THE EVERGLADES CLUB RECOGNIZED FOR ENVIRONMENTAL EXCELLENCE

*By Joellen Lampman, ACSP
Programs Director*

PALM BEACH – The Everglades Club has achieved designation as a “Certified Audubon Cooperative Sanctuary” through the Audubon Cooperative Sanctuary Program for Golf Courses. Peter Brooks, CGCS, Golf Course Superintendent, has led the effort to obtain sanctuary status on this course and is being recognized for Environmental Stewardship by Audubon International. The Everglades Club is the 113th golf course in Florida and the 1003rd in the world to receive the honor.

“The Everglades Club has shown a strong commitment to its

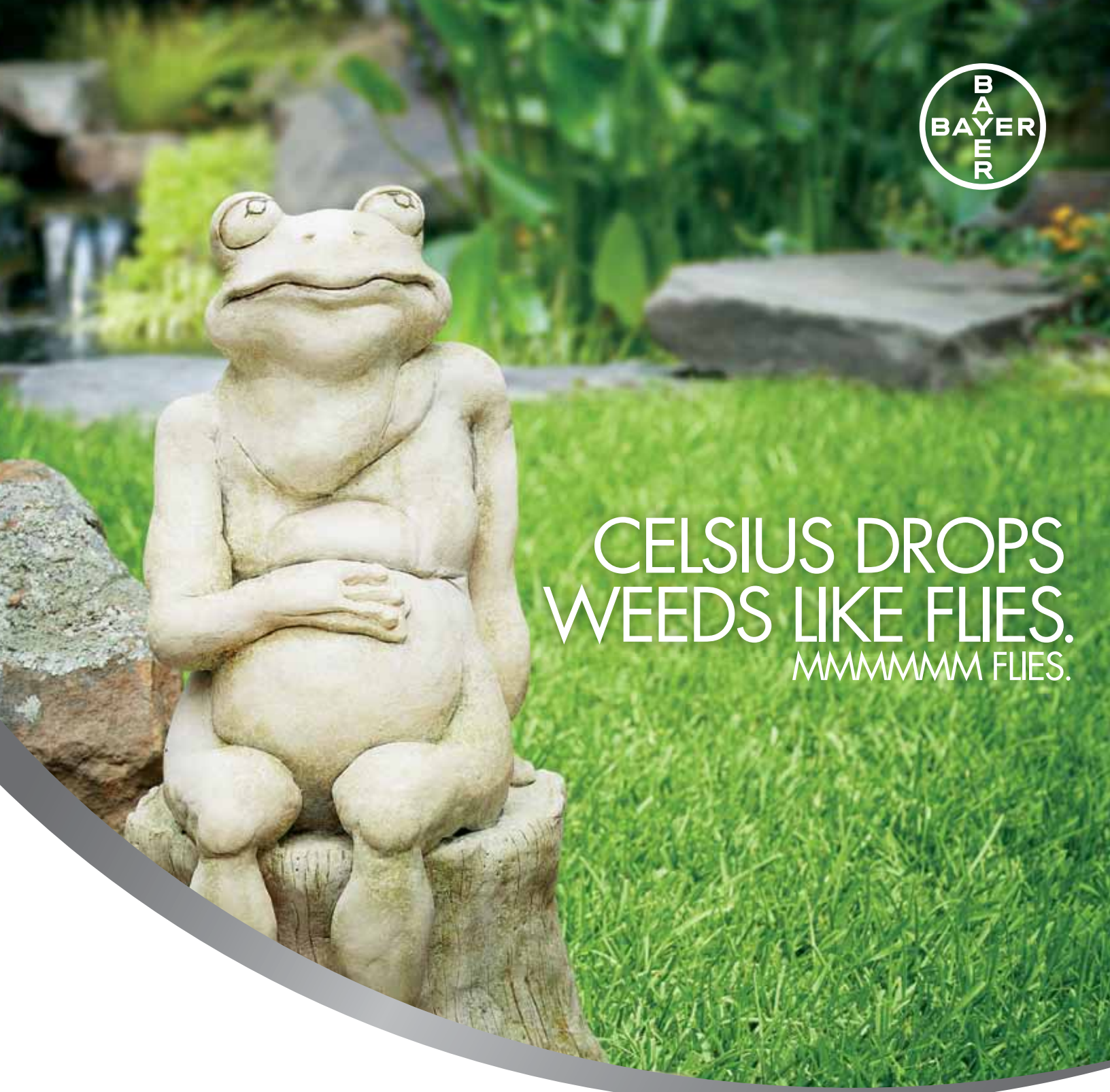
environmental program. They are to be commended for their efforts to provide a sanctuary for wildlife on the golf course property,” said Joellen Lampman, Audubon Cooperative Sanctuary programs director. “To reach certification, a course must demonstrate that it is maintaining a high degree of environmental quality in a number of areas,” explained Lampman.

These categories include: Environmental Planning, Wildlife & Habitat Management, Outreach and Education, Chemical Use Reduction and Safety, Water Conservation, and Water Quality Management.

The Audubon Cooperative Sanctuary Program for Golf Courses, endorsed

by the United States Golf Association, provides information and guidance to help golf courses preserve and enhance wildlife habitat, and protect natural resources. Golf courses from the United States, Africa, Australia, Canada, Central America, Europe, New Zealand, and Southeast Asia have also achieved certification in the program.

In addition to golf courses, Audubon International also provides programs for businesses, schools, communities, and new developments. For more information, contact Audubon International, 120 Defreest Drive, Troy, New York 12180; phone: 518-767-905; fax: 518-767-9076



CELSIUS DROPS
WEEDS LIKE FLIES.
MMMMMMMM FLIES.

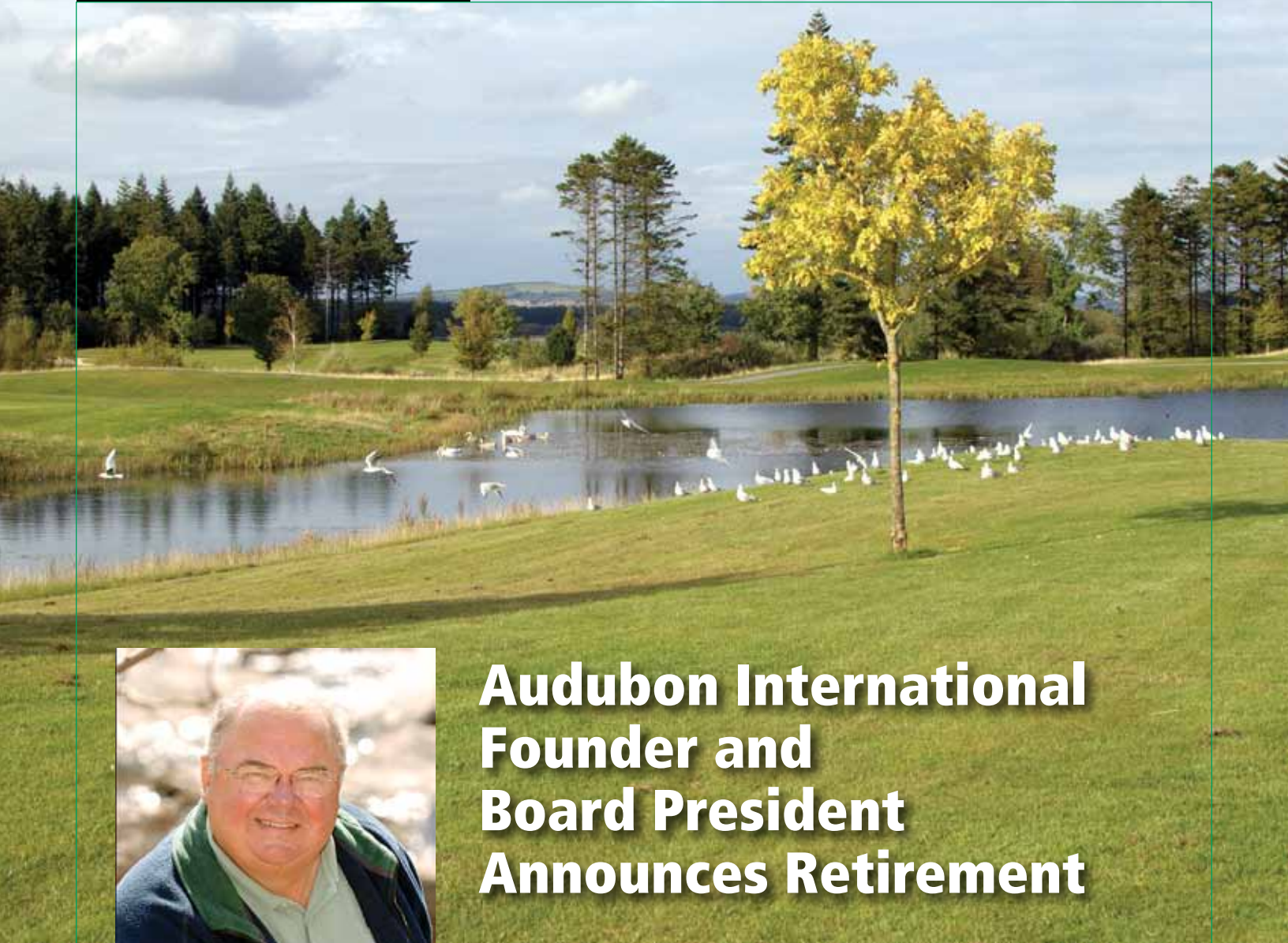


Celsius[®]

Celsius[®] controls a broad spectrum of weeds.

Take it from other lawn experts. Celsius[®] makes post emergent weed control so much easier. Celsius kills over 120 weeds, especially the really tough ones like doveweed and Virginia buttonweed. And it's safe to use in summer temperatures on warm season turfgrass like St. Augustine, Centipede and Bermuda. Celsius works when and where you need it.

For more information, visit BackedByBayer.com/Celsius.



Audubon International Founder and Board President Announces Retirement

Ron Dodson, founder of Audubon International.

Photo courtesy of Audubon International.

SELKIRK, N.Y. – Ronald G. Dodson is retiring from Audubon International after serving as the organization’s founder and president of the board for more than 25 years.

Audubon International, a not-for-profit environmental organization headquartered in the Albany area of New York, provides education and technical assistance to businesses, government agencies and communities throughout the United States and over 30 other countries to implement sustainable natural resource management in all places people live, work and play.

After playing a central role in Audu-

bon International’s intensive search for a new executive director, which culminated in the hiring of Ryan Aylesworth (formerly of the U.S. Fish and Wildlife Service) in June 2012, Dodson informed Audubon International’s board of directors at a recent board meeting of his intention to retire.

“Audubon International has a unique and important mission,” said Dodson. “Under its new executive leadership, the organization is making considerable progress toward its mission and will continue the vision of a public that is well educated in environmental issues and a society committed to sustainable

natural resource management practices.

“It is not without nostalgia that I bid farewell to the organization’s dedicated staff and board members – many of whom I have worked with for decades,” Dodson said. “But I am very excited about what the future has in store for Audubon International under Ryan’s capable leadership.”

Dodson is credited with re-establishing the Audubon Society of New York State in 1987 after the pioneering environmental organization had been inactive for several decades. Dodson shaped and guided much of the work the organization does today under the

name Audubon International.

Over the course of a more than 30-year career in natural resource management, land-use planning and “green” design, Dodson has assisted hundreds of small businesses, major corporations, educational institutions, government agencies, not-for-profit organizations and communities around the world in achieving their goals while advancing sound environmental stewardship. As a wildlife biologist, educator and avid birder, Dodson will remain an ardent environmental leader and champion of biodiversity and watershed protection.

“Ron has helped set a vision for a sustainable future that will allow Audubon International to continue thriving far beyond the conclusion of his long tenure with the organization,” said Aylesworth. “Audubon International will honor Ron’s legacy by building on our past accomplishments and continuously improving to even more effectively address new and evolving environmental challenges.”

During Dodson’s tenure, Audubon International saw substantial growth in program offerings, services and

organizational outreach. Under his long-time leadership, Audubon International has emerged as a highly reputable organization that employs education, technical assistance, certification and recognition to implement environmental management practices that ensure natural resources are

sustainably used and conserved. Dodson also worked closely with the United States Golf Association to grow the Audubon Cooperative Sanctuary Program, an internationally renowned education and certification program that helps golf courses protect our environment and preserve the natural heritage of the game of golf.

Since its founding, Audubon International has enrolled more than 3,000 properties – including golf courses, cemeteries, ski areas, housing developments, hotels and many others – and communities in its rigorous certification programs.

“Ron’s passion for environmental conservation is well known, and he retires from an organization with a cadre of individuals who share that same passion,” said Aylesworth. ■

“We wish Ron a very happy and well-earned retirement, and will continue drawing on his wisdom as we work with our valued conservation partners across the globe to provide valuable environmental education and help proliferate application of sustainability principles.”

– Ryan Aylesworth

Audubon International



About Audubon International

Audubon International is a 501(c)(3) not-for-profit organization dedicated to delivering high-quality environmental education and helping to implement sustainable natural resource management in all places where people help the environment where they live, work and play. Through education, motivation, certification and recognition, Audubon International educates people about the responsible management of land, water, wildlife and other natural resources. Utilizing a set of environmental education and certification programs, Audubon International is able to positively impact the environment at all levels from individual property to entire communities.

For more information, please contact Ryan Aylesworth at 518-767-9051, ext 106 or Ron Dodson at 518-859-5370.

**TifEagle Paspalums
Bermudas Zoysia**



South Florida Grassing, inc.

772-546-4191 800-483-4270

www.southfloridagrassing.com

AERIFICATION PLUS, INC.
TURFGRASS AERIFICATION AND ROOT ZONE MANAGEMENT

SMOOTH-POWERSM DEEP CORE AERIFICATION

MAXIMUM MATERIAL EXCHANGE-MINIMAL DISRUPTION

(800) 340-3888

AerificationPlus.com

Marking Time

Assistant Superintendents Caught in a Traffic Jam



By Trent Bouts, Editor of the Georgia GCSA's *Through the Green* magazine

Bill Murray spoofed an assistant golf course superintendent as Carl Spackler in *Caddyshack*, but increasingly his performance in *Groundhog Day* shows like a documentary on the position. Day after day, after day, assistant golf course superintendents across the country are rolling out of bed as if it's yesterday all over again. For many, it's becoming increasingly difficult to remain upbeat in the face of a seemingly endless cycle of long hours, low pay and, worst of all, limited prospects.

The golf industry's contraction, instigated, ironically enough, by overbuilding and now exacerbated by the Great Recession, has brought superintendent openings to a virtual halt. For a lot of talented young people, the way ahead looks like the worst Atlanta traffic jam. Their options are stark — remain on idle and hope for a break, or get out and walk on a profession they've poured their hearts and their hopes into, in many cases for years.

It's not just that new-course-construction has ground to a dead stop. Existing courses are closing, and elsewhere veteran superintendents are staying put. Some because they want to limit any risk, others because the crash drained the nest eggs they planned to retire on. When a rare opening does come up, there's not so much a rush to fill it as there is a stampede.

"I couldn't cope with it," admits Drew Wilson, who stepped away from the logjam a year ago to start his own landscaping

business in Atlanta. Wilson's case is illustrative of the frustrations occupying many assistant superintendents and also the extent of the bottleneck. "I would make it to the final cut for jobs but then get beaten out by guys who had 10 or 15 years experience on me, as superintendents. It's very tough out there. I graduated with about 60 turf students and I would bet 50 percent or more of them are now out of the industry altogether."

In all, Wilson, who is 29, spent 14 years in golf course maintenance going back to his high school and college days when he worked part time. Armed with a turf degree from Kansas State University, he later worked at world-renowned Prairie Dunes Country Club and Augusta National Golf Club. Then he put in five years as assistant to Georgia Golf Hall of Famer, Mark Esoda, CGCS at Atlanta Country Club. That's a resume that surely would have fast-tracked Wilson to a senior role a decade ago.

Instead, with a young wife and a desire to have children, he was forced to take a long, hard look at whether a passion for the profession was enough to justify being patient indefinitely. In the end, he couldn't see himself getting his hands on the tools he needed to build the future he wanted for his family. "I was at a point in my life where I needed a next step," he says. "Pulling 80 hours a week at the same golf course for years pushes you to want that next step."