



The Florida Green

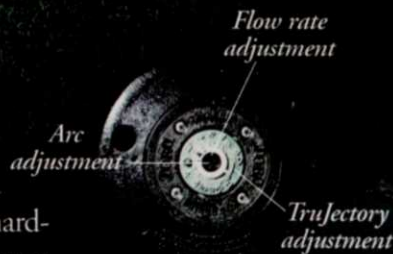
Fall 2000



Number 9
Vinoy Renaissance Resort
St. Petersburg
Photo by Daniel Zelazek

IT'S NEW. IT'S SIMPLE.

IT'S PERFECT FOR THOSE
TOUGH-TO-WATER AREAS.



INTRODUCING THE TORO 720 SERIES SPRINKLERS. For hard-to-water turf, nothing puts you in control like the new Toro 720 Series. With its TruJectory™ adjustment system, the 720 lets you make infinite trajectory adjustments from 7-25 degrees, customizing your spray radius from 22-38 feet. Its handy MultiMatrix™ nozzle lets you adjust the flow rate from 3-9 gallons per minute. You can even select a watering arc of 30-360 degrees. And, unlike residential and commercial sprinklers, the 720 is specifically designed to handle the water pressure, wear and harsh applications of your golf course. For tough areas, what could be more perfect? To learn more, see your Toro distributor. Or visit www.toro.com.

TORO IRRIGATION

SINCE YOU CAN'T
CONTROL
THIS IRRIGATION SYSTEM,

WE'RE GIVING YOU MORE CONTROL
OVER OURS.

PRESENTING THE NEW E-SERIES OSMAC[®] SATELLITE

The popular OSMAC satellite has just gotten better. The new Toro E-Series OSMAC comes with 12 enhancements. Among them, you'll now have the ability to manage up to 64 stations for greater control with precision coverage. You also get our exclusive digital wireless paging technology for interference-free communication between your satellite

and central controller. Not to mention the industry's finest surge

protector to minimize potential electrical problems. To learn how our new satellite can

help with your next installation or system renovation contact your Toro distributor.



ParaLink communication prevents one short circuit from shutting down the entire satellite.

TORO

IRRIGATION

Or visit www.toro.com. It's the next best thing to controlling the weather.

TORO

The Complete source for irrigation

Renovation



The Total Renovation Package

Maintaining the quality of established courses is an ever-present challenge for golf course superintendents. While the maturing of a course often brings character and tradition to the overall layout, it also creates a need to replace and update an aging infrastructure.

Toro leads the industry with a comprehensive package of professional services expressly for golf course renovation. System assessment, irrigation design, installation referrals, finance programs, quality products, and after-sale support and training all are brought together in a centralized program through the Toro distributor.

Part of the strongest distributor network in the irrigation industry, the Toro distributor is an expert in bringing together the right services, products and after-sales support to ensure complete satisfaction. With your dedicated Toro distributor, service does not end when the installation is complete.

National Support Network

Central control is the heart of a golf course irrigation system: if the system goes down, it can mean severe damage to even the most expertly renovated course. But with the National Support Network (NSN), professional support is only a phone call away.

Available 24 hours a day, seven days a week, NSN is the finest program of its kind available in the industry. And each Toro-renovated system includes one full year of NSN service at no additional charge.

Golf Sprinklers

Simply said, Toro products are built to last. Manufactured of durable engineering plastics, Toro golf sprinklers feature the performance and long life required on today's courses. In addition, Toro sprinklers have the industry's lowest maintenance cost and are the easiest to service. Ideal for renovation projects, Toro sprinkler technology is backward compatible so that older sprinklers easily can be updated with simple conversion assemblies.

Among Toro's many outstanding models is the new 720 Series, which is particularly well suited to the golf course renovation market. Its advanced design provides superb coverage in challenging areas. With a radius of 20 to 55 feet, the 720 Series has an adjustable gallonage, arc and trajectory that allow the watering pattern to be customized for hard-to-reach spots.

Central Control

Built with the superintendent in mind, Toro's central control systems are designed to ensure programming flexibility and optimum watering precision in any golf course application. Used at more than 1,000 sites throughout the country, SitePro™ offers precise programming capability to save time and money. And, of course, SitePro is backed by Toro's comprehensive NSN, as well as the distributor sales and service group.

Toro satellites are ideal for golf course renovations. Existing hydraulic systems and old control boxes can be upgraded with either E-OSMAC or Network LTC Plus, providing enhanced control and programming flexibility. This in turn means better playing conditions. And isn't that the ultimate purpose of golf course renovation?

For more information, contact your local Florida Distributors.

WESCOTURF
INC.

WESCOTURF, INC.
 Sarasota
 800-486-8873

Hector Turf, Inc.
 Deerfield Beach
 800-432-5512

WESCOTURF
SUPPLY INC.

WESCOTURF SUPPLY, INC.
 Lake Mary
 800-393-8873



President Cary Lewis, CGCS
Renaissance Vinoy Resort
600 Snell Isle Blvd
St. Petersburg, FL 32704
(727) 894-5500

Vice President Geoff Coggan, CGCS
The Great Outdoors Resort
135 Plantation Drive
Titusville, FL 32780
(321) 269-5004

Secretary/Treasurer David Court, CGCS
Boca Lago Country Club
8665 Juego Way
Boca Raton, FL 33433
(561) 482-5017

Past President Darren Davis
Olde Florida Golf Club
9393 Vanderbilt Beach Rd.
Naples, FL 34120
(941) 353-4441

Directors

Calusa Mike Mongoven, CGCS
Shell Point
(941) 415-3372

Central Florida Brett Harris
Lake Nona CC
(407) 826-5362

Coastal Plains Doug Abbuhl
Seminole GC
(850) 576-7975

Everglades Rick Tatum
Grey Oaks
(941) 262-3668

North Florida Greg Tharp
Jacksonville G&CC
(904) 223-6073

Palm Beach Mark Henderson
Gulfstream GC
(561) 278-3993

Ridge Steve Ciardullo
Mountain Lake GC
(863) 678-0924

Seven Rivers Buddy Keene
Gainesville G&CC
(352) 376-8174

South Florida Jim Goins, CGCS
Hollybrook G&TC
(305) 433-1725

Sun Coast John Van Vranken
River Wilderness Y&CC
(941) 776-2364

Treasure Coast Greg Pheneger
John's Island Club
(561) 231-1700

West Coast Eric Joy
Heritage Harbour
(813) 960-9335

Staff

Association Manager Marie Roberts
1760 NW Pine Lake Dr.
Stuart, FL 34994
Phone: Days (561) 692-9349
(800) 732-6053 (Florida WATS)
(561) 692-9654 (Fax)
fgcsa@tcol.net (Email)



CONTENTS

Entrance to the
Vinoy Golf Club.
Photo by Daniel
Zelazek.

**FALL
2000**

FOREWORDS YESTERDAY'S SOLUTIONS MAY NOT WORK 4
President Cary Lewis reminds us that it is easy to get comfortable with past successes, and rest on our laurels.

SPOTLIGHT DISTINGUISHED SERVICE, FUND RAISERS 8
Steve Pearson, Joe Ondo, Joel Jackson, Jack Harrell, Sr. and Ray Cuzzone honored. Palm Beach, Central Florida, Ridge, North Florida, Coastal Plains chapters hold summer events.

COVER STORY LANDMARK IN TIME 22
The Renaissance Vinoy on Snell Island in St. Petersburg was built in 1925 and is listed on the National Register of Historic Places and is a member of the National Trust for Historic Preservation.

PROFESSIONAL DEVELOPMENT PDI, STATE OF THE ASSOCIATION 40
The GCSAA's Professional Development Initiative is evolving as members suggest changes to the original proposal; GCSAA CEO Steve Mona's stump speech, "The State of the Association" is summarized.

HANDS ON WHEN THE NATIVES GET RESTLESS 46
While significant savings in labor, fuel, and equipment wear can be realized by using native plants, going native or natural is not a free ride.

INDUSTRY NEWS NEW FTGA LEADER 52
Erica Santella, who has been active on regulatory issues, became the first woman to take the helm of the FTGA at the association's successful conference in Gainesville.

OFFICIAL BUSINESS TURF BMPS 56
Erica Santella reports on the industry's progress on developing Best Management Practices that can be endorsed by the major regulatory agencies, providing some defense against piecemeal local regulation.

STEWARDSHIP FLORIDA LEADS NATION IN ACSF PARTICIPATION 60
Florida has 236 golf courses participating in the Audubon Cooperative Sanctuary program, including 33 that are fully certified. Both figures top the nation.

AFTERWORDS POLITICS, PHOTOS, JARRELL AND JACKSON 64
Turf Magazine's Davis Cassidy links the Dursban ban to presidential politics; annual photo contest winners' work is displayed; Mark Jarrell says it's time for all segments of the turf industry to drop territorial disputes and unite under one umbrella; Joel Jackson, with apologies to Dr. Seuss, claims that we're all really good eggs.

About the use of trade names: The use of trade names in this magazine is solely for the purpose of providing specific information and does not imply endorsement of the products named nor discrimination against similar unnamed products. It is the responsibility of the user to determine that product use is consistent with the directions on the label.

The Florida Green

Official Voice of the Florida Golf Course Superintendents Association

Published four times a year:

On the twenty-fifth of January, April, July and October

Editor Joel Jackson, CGCS

FGCSA Director of Communications
Address Florida Green business to:
6780 Tamarind Circle
Orlando, FL 32819
(407) 248-1971 Florida Green voice/fax
E-mail address: FLGrn@aol.com

Assistant Editor Scott Bell

Red Stick GC
P.O. Box 700107
Wabasso, FL 32970
(561) 564-7206
(561) 564-7207 Fax

Publications Chairman Geoff Coggan, CGCS

The Great Outdoors Resort
135 Plantation Drive
Titusville, FL 32780
(321) 269-5004
(727) 268-2406 Fax
Email: geoffc@digital.net

Business Manager Michael Perham, CGCS

Fountains Golf Club
4615 E. Fountains Drive
Lake Worth, FL 33467
(561) 642-2724
(561) 642-5785 Fax

Editor Emeritus Dan Jones, CGCS

West Palm Beach

COPYRIGHT NOTICE: Copyright 2000, Florida Golf Course Superintendents Association. All rights reserved. May not be reproduced in whole or in part without written permission of the FGCSA. **EXCEPTION:** Official publications of all golf course superintendent associations affiliated with the Golf Course Superintendents Association of America are welcome to use any material contained herein provided they give credit and copyright notice.

SUBSCRIPTIONS: \$20 for four issues. Contact the FGCSA office.

ADVERTISING: For rates and information, contact the FGCSA office at 800-732-6053

EDITORIAL: All inquiries should be directed to the editor, Joel Jackson, CGCS. Unsolicited manuscripts and photographs cannot be returned.

Contributors to this issue:

Cover Story Principal Photographer: Daniel Zelazek

Cover Story Writer and Supplemental Photographer: Joel Jackson, CGCS

Spotlight: Doug Abbuhl, Mike Bailey, Steve Ciardullo, Joe Ondo, CGCS Joel Jackson, CGCS, coordinator

Hands On: Mike Anderson, Stuart Bozeman, Billy Davidson, Doug Higgins, Darren Davis, Jim Shine, Joel Jackson, CGCS, coordinator

Official Business: Erica Santella

Stewardship: Shelly Foy

Afterwords: David Cassidy, Mike Hamilton, Lyne Page, John Stach, Mark Jarrell, CGCS; Joel Jackson, CGCS;

Proofreader: Scott Bell

Production

The Florida Green is published with the assistance of Janlark Communications, Inc.

Publication Manager Larry Kieffer

311 Havendale Blvd. #300 • P.O. Box 336 • Auburndale, FL 33823
863-967-1385 • Fax 208-730-9175 • janlark@macrevolution.com

Advertiser Index

Aerification Plus	18	Novartis	17
Almar Turf	19	Nucrane Corp	Back Cover
Ameraturf	18	Nutri-Turf Inc	19
American Cyanamid	31,49	Palm Beach GCSA	21
Beeman's Nursery	71	Pike Creek Turf Farms	65
Central Florida GCSA	15	Regal Chemical Co.	41
Century Rain Aid	59	Safety Storage	51
Chemical Containers	16	Smithco	25,26
Ducor International	25	South Florida Grassing	14
ER Jahna Industries	11	South Florida Turf Products	20
Floratine Products Group	10	Southern Golf Products	35
Florida GCSA	20	Southern States	62
Golf Agronomics Supply	09	Spread-Rite	47
Green-Way	58	Textron Turf Care & Spec Prod.	39
Harrell's	55	Tifton Physical Lab	50
Hector Turf Inside Cvr, 1,Insert		TMI Turf Merchants . Ins Back Cvr	
Hefty Industries	13	Tom Burrows Turfgrass Service	13
Howard Fertilizer	5	Toro Dealers of Florida	Insert
International Seeds	33	Tresca Turf and Tractor	39
Kilpatrick Turf	63	United Horticultural Supply	37
Laserturf	47	Upstart	47
Lesco	69	Van Waters & Rogers	12
Milorganite	45	Wesco Turf Inside Cvr,1,Insert	
North Georgia Turf	16	Zeneca	6

Advertising Information

The Florida Green welcomes advertising inquiries to:

Marie Roberts, Association Manager

1760 NW Pine Lake Drive

Stuart, FL 34994

561-692-9349

800-732-6053 Florida WATS

It is indeed a great honor to serve the FGCSA as your president. I have been a golf course superintendent in the sunshine state for over 20 years and I feel our state sets the standard for the nation with our association's activities.

This has been in no small part due to the hard work and participation by our past presidents and boards of directors and you, our

members. I'd like to thank Darren Davis for his leadership this past year, and I look forward to working with him and our new officers and directors for the coming year. Another part of our great success has been our super staff, Marie Roberts and Joel Jackson. They deserve a lot of credit for managing the daily affairs of the FGCSA.

In the past 20 years we have experienced some

unbelievable changes in our industry. It makes me wonder sometimes what the next decade will bring. The business of golf course management has enjoyed a rich history from innovations in cultural practices, state-of-the-art equipment, improved science, new turfgrasses and the list goes on and on. Who knows what new innovations lie around the next corner that will allow us to do an even better job for our employers, our customers and the environment?

What an exciting time to be a golf course superintendent. The opportunities are certainly plentiful. I believe its critical to keep your mind open and learn to embrace all the changes and challenges that are ahead of us. I would encourage you to strive for daily improvement, allowing this environment of change to push you into becoming a better person at work, at home and in the community.

I'm sure that like many others, I have sometimes allowed success to stop me or at

least slow me down. Don't misunderstand me. Success is good. We all want and need some level of success in our lives. What I'm saying is, that with all that's happening around us, it is easy to get comfortable with past successes, and rest on our laurels.

Too often we come to depend solely on what has worked well for us in the past. This is not all bad, but sometimes it leads to tunnel vision and stagnation. Before you realize it, you get too complacent and do things the same old way even though the world is changing all around you.

Dr. Gene Nutter, founder of the Lake City School for Golf course Operations, once told me, "Each time you go out onto the golf course, try to pretend it's your first time. Use all your senses to evaluate the operation with an open mind. Don't always expect to use yesterday's information to solve all of today's problems."

While I agree that experience is a great teacher, don't let old routines cloud your creativity. Remember when predicting the future the only thing we can say will be for certain is change.

As for the FGCSA's future I was asked recently what my presidential agenda would be. I said I didn't have an agenda but I do have some goals. I'd like to:

1. Continue to build alliances with the FTGA and other related associations, including the golf course owners and club managers, to better position the whole industry as united on critical issues.

2. Develop as much support for our local chapters as possible, allowing them the opportunity to continue their great work at the local level with help from the state when needed.

3. Support a more proactive approach by individual members to get involved in local issues that affect the industry. With involvement our members become part of the solution.

Feel free to call me directly at 727-894-5500 if I can assist you.

Yesterday's Solutions May Not Work Today

PRESIDENT'S MESSAGE



Cary Lewis, CGCSA
President
FGCSA

Whip Turf Into Shape All Winter Long



At Howard Fertilizer, we specialize in blending custom formulas using the most advanced ingredients for all your turf care needs. Let Howard Fertilizer blend **Par Ex® IBDU®** into your nitrogen program, along with professional-grade Nitroform®, Nutralene® or SCU®, and you'll see dramatic turf improvements with better performance every season. **IBDU®** is a controlled-release product with the highest WIN (water insoluble nitrogen) per pound, so it releases slowly, but surely...and *evenly*. **IBDU®** releases 100% of its nutrients over 3 to 6 months, then keeps working to deliver a quicker green-up in the spring and extends green, healthy turf longer into the fall season.

Try Howard's slow-release blends and whip turf into shape all season long.

- Longer Lasting
- Nonburning
- Less Thatch Buildup
- Enhances Slow Release Programs
- Less Leaching
- Test-proven for 20 Years

H O W A R D
fertilizer
+ company, inc.

Call 1-888-668-5868 or 352-429-0024
Florida Plants: Orlando, Groveland,
Immokalee, Quincy

www.howardfertilizer.com

par ex
IBDU
SLOW RELEASE NITROGEN

Now available exclusively from
Howard Fertilizer in Florida.

There's No Mistaking an Original.



The Two Top Selling Fungicides in Golf,
HERITAGE[®] and DACONIL[®]

www.zenecaprofprod.com

ZENECA Professional Products

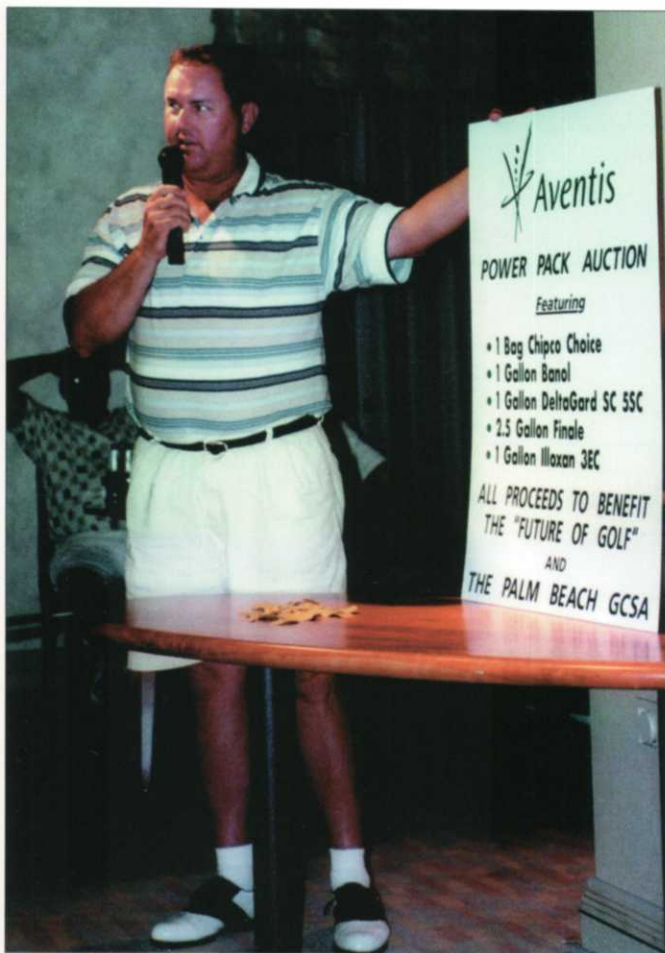
Always read and follow label directions carefully.
DACONIL[®] and HERITAGE[®] are registered trademarks of a Zeneca company.
© 2000 Zeneca Ag Products Inc. Zeneca Professional Products is a business of Zeneca Ag Products Inc.

ZPP-TRF-017

Providing superintendents
with more than 30 years of
outstanding performance.

The only systemic
strobilurin fungicide.





Steve Pearson, CGCS, conducts the Aventis Product Auction at the Palm Beach chapter's annual Future of Golf tournament.

PALM BEACH CHAPTER

22 Years of Service Bring Pres. Award to Steve Pearson

The last of the five 1999 FGCSA President's Award winners to be profiled this year, Steve Pearson is certainly not the least of this prestigious group.

"This recognition is personally satisfying," Pearson said. "And while I thank my peers for this award, I have many years yet to give to the industry."

1999 FGCSA President's Award Winners: Paul Hickman, Dave Holler, Steve Pearson, Al Ross, Dale Walters

Pearson, a Palm Beach Chapter member for 22 years, has been giving his time and effort to the FGCSA and FTGA for over two decades. His participation includes membership and committee service in both organiza-

tions and the Golf Course Superintendents Association of America. He's been a certified golf course superintendent since 1990.

Besides being past president of the Palm Beach chapter, his FGCSA service includes terms on the Fund Raising and Research committees, of which he is now chairman. This is one of the FGCSA's most active committees working with IFAS and our turf technician at the Ft. Lauderdale Research Center and with the FTGA on awarding research grants to the IFAS program.

Pearson, a 27-year member of the Florida Turfgrass Association, comes by his affiliation with IFAS and the University of Florida quite easily. He is a Gator graduate with a B.S. in agriculture specializing in turf management. He studied under the legendary Dr. G.C. Horn during the prominence of the UF turfgrass program. A perennial member of the FTGA Awards Committee, Pearson worked to help establish the Arnold Palmer Endowment Fund. He is currently the publications chairman and editor of the FTGA's magazine, The Florida Turf Digest.

Pearson started out in junior college to be an architect.

"I couldn't get past the required advanced calculus and physics courses in architecture. At the time I was a very competitive golfer, playing number one on the junior college

team at the same time current PGA Senior Tour sensation Bruce Fleischer became the USGA Amateur champion while he was playing for Miami Dade North JC. I switched my major to botany. Got my A.S. degree and went to Gainesville to complete my education.

"Before I arrived in Gainesville I spent the summer working for superintendent Felix Paguaga at The Fountains Golf and Racquet Club. I thought I would pursue the same career since I liked golf and could be outside. I never wanted an inside job.

"When I got to UF I attended the first golf team meeting with the likes of Andy Bean, Gary Koch, and senior Steve Melnyk. I wasn't ready to put in five to six hours a day practicing golf so I concentrated on my studies. I knew I wanted to be a golf course superintendent at that point."

After graduating in 1971, Pearson returned to the Fountains as the assistant superintendent and began his journey in the business

Twenty nine years later Pearson shares his views on the roles and responsibilities of the profession.

"The positive aspects of this profession far outweigh the negatives. I like working outdoors and the challenges of making a golf course into something that your membership will be proud to play and show off to their guests. With my golfing background, I thrive on providing

Steve Pearson

Born in Detroit, Michigan. Moved to Palm Beach County 43 years ago.

Family: Wendy, wife of 28 years. Recently married daughter Adrienne (27) is a crime scene investigator living in Tallahassee with her new detective husband David. Son Garrett (22) is a senior at the University of Central Florida in Orlando.

Education: Lake Worth High School (67); Palm Beach Junior College (69); University of Florida (71)

Employment: Assistant superintendent positions at The Fountains C.C. and John's Island Club; Construction superintendent at the Sheoah G.C. (now Winter Springs G.C.); Superintendent positions at Mayacoo Lakes C.C.; Boca Lago C.C.; Boca Grove G. & T.C.; Woodfield C.C.; and The Falls C.C. for the past nine years.

Friends & Mentors: Felix Pagauga, my early career mentor, who influenced my decision to get into the business but also taught about dealing with people. Dr. G. C. Horn, my turf professor. Fellow superintendents and industry friends without their help I wouldn't be here. And last but not least my wife Wendy, who has had the patience of a saint to put up with the hours needed for me to follow this career.

playing surfaces that are challenging to the scratch player as well as the bogey golfer. To that end I keep in touch with the membership to see how they like the conditions and to see if they are seeing something I overlooked.

"In a wider view I feel the opportunities that are presented to us in the golf industry should keep us wanting to better ourselves either through continuing education or through interaction with our peers. Sometimes I get the feeling that some superintendents are afraid to talk to each other. We've all had problems with various aspects of our careers and most superintendents I know are more than

willing to help whenever possible. I've swallowed my pride at times for my own betterment."

Pearson also reflected on what it takes to be successful in this business.

"It is absolutely essential to continue your education. Turf management techniques are evolving into higher levels of maintenance. It is important to attend seminars, conferences and chapter outings to interact with others to keep abreast of changes that may make your job a little easier. I've had a chance over the years to talk with a lot of people in our business. I find it not only stimulating but fascinating to see what can be done from

Computer-Exact Custom Mixes. Every Order. Every Time.

- All Loads Scaled
- Soil Analysis Available



- Next Day Service
- Volume Orders

Visit our website at www.golfAg.com!

Traps Installed to Spec.



Golf Agronomics meets all your top dressing needs with our ability to customize your mix with a variety of soil amendments including:

- Dolomite
- Hi-Cal
- Charcoal
- Wetting Agents
- Humic Acid
- Minor Elements
- Rock Phosphate
- Gypsum
- Customer Products

**GOLF AGRONOMICS
SUPPLY & HANDLING**

Serving all of Florida

(800) 626-1359
(941) 955-4690 Fax



“You develop a camaraderie with others in this profession like no other business... It is beyond my comprehension why some choose to live in isolation and not seek help from their peers when there are so many out there willing to help.”

another person’s perspective.

“You develop a camaraderie with others in this profession like no other business. My fellow superintendents and other friends in the industry have helped me become the superintendent I am

today. It is beyond my comprehension why some choose to live in isolation and not seek help from their peers when there are so many out there willing to help.”

The President’s Award is the FGCSA’s way of thanking Pearson for his

help and friendship over the years.

JOEL JACKSON, CGCS

PALM BEACH CHAPTER

Future of Golf Raises \$20,000

The Palm Beach Chapter held its Future of Golf 2000 event at The Falls Country Club in West Palm Beach June 5.

It was the 19th edition of this annual event and Palm Beach Chapter President Randy Bushway reports that over \$20,000 was raised for junior golf and turf research.

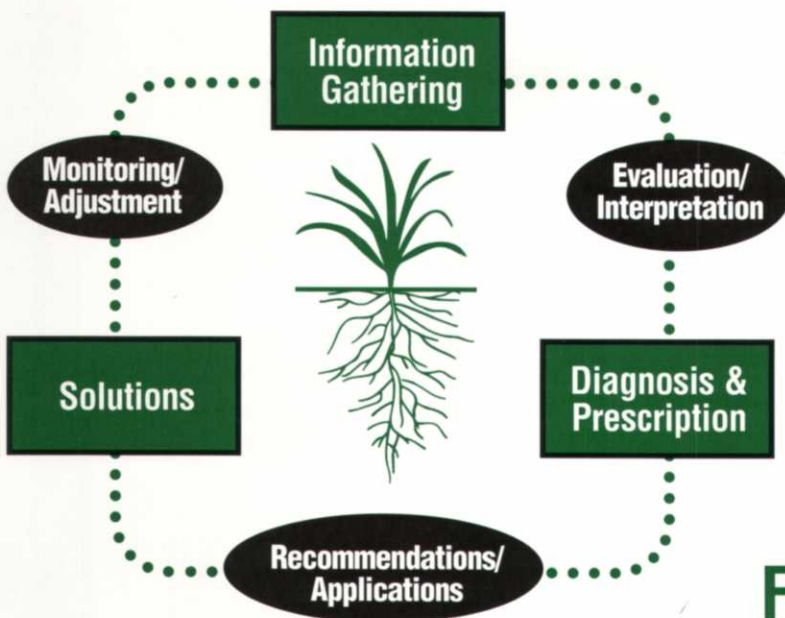
Host superintendent Steve Pearson, CGCS had the greens rolling so fast that you didn’t want to



Terry Frazier of Lesco, Inc. is all smiles after acing the Hole-in-One contest hole at the Palm Beach Chapter’s 19th Annual Future of Golf Tournament at The Falls C. C. Frazier won a Club Car Golf Car. Photo by Joel Jackson.

The Floratine Approach

“Prescription Without Diagnosis is Malpractice”



- Accumulation of comprehensive, site specific information from laboratory analysis, physical examination, and client dialogue.
- Evaluation and interpretation of information to understand and explain agronomic conditions.
- Recommendation of scientifically sound, environmentally responsible methods and materials to promote optimum soil functioning and turf quality.
- Continuing conscientious monitoring and appropriate program adjustment to achieve maximum health and aesthetics.

Floratine of Florida

Terry Brawley
727-638-3481

Jim Lawson
941-633-6398

Tom Phillips
561-719-6265

Carl Bronson
727-638-5858



have a downhill putt.

Terry Frazier of Lesco, Inc. didn't have to putt as he aced the 200-yard 5th hole with a 5-wood. Frazier was in the second group of the day, so everyone else was shut out of the grand prize, which was a Club Car golf cart.

The venerable Joe Konwinski, who manned the tee, generously awarded extra golf balls to all who hit the green after Frazier's hole in one.

The team from Zeneca consisting of Terry "Ace" Frazier, Jim Moore, Matt Yount and David Tandy shot a net 60 in the unusual four-man drop-out scramble format to take first Place. A delicious

dinner followed the tournament and preceded the Aventis product auction and a door prize raffle.

Congratulations to Steve and the staff of The Falls CC for a great job and a super event.

JOEL JACKSON, CGCS

CENTRAL FLORIDA CHAPTER

Scribes Edge Supers in Golf Challenge

Central Florida GCSA took on members of the staff of the *Florida Golf Central Magazine* in a Cutter & Buck Corporate Golf Challenge in early June.

The event was set up as a good way to expose golf course superintendents to



Front row from left: CFGCSA members Pat Murphy; Barry Schuman, John Kopack and John Lammrish surrender a close one-point victory to the Florida Golf Central Magazine team: Jeff Westbrook, Lynn Pelham, Greg Corbo and Bill Kazakis in a Cutter & Buck Challenge golf match. Photo by Joel Jackson.

the golfing public as real people. FGCSA Director of Communications Joel Jackson writes a monthly

"Golf Is Good for the Planet" feature for the magazine as part of his public relations efforts.



Your Sand Man

Choker Sand • Greens Mix Sand • Pea Rock

White Trap Sand • Dolomite • Hi-Cal

Dry Sterilized Top Dressing Sand

All Sands meet U.S.G.A. Specs

E. R. JAHNA INDUSTRIES, Inc.

Lake Wales, FL 33859-0840 • (941) 676-9431



John Kopak, president of the Central Florida Chapter was kind enough to host the match at the Legacy Club at Alaqu Lakes.

He rounded up fellow superintendents John Lammrish (LPGA International GC), Pat Murphy (Highland Reserve GC) and Barry Schuman (Timacuan GC) to take on the team from *Florida Golf Central*.

Good-natured ribbing and smack talk gamesmanship was at an all-time high as the superintendent team won the front-nine two-ball match.

There was no letup on the back nine as the A, B, C, and D players went head-to-head.

It came down to the final putt on the 18th hole, but the magazine team of Greg Corbo, Bill Kazakis, Lynn Pelham and Jeff Westbrook edged the superintendents by one point.

A rematch is definitely in the works.

SOUTH FLORIDA CHAPTER

Who Wants to be a Greenskeeper?

The South Florida Chapter hosted its June 15th meeting at the Ft. Lauderdale Country Club with the education theme a spinoff from the popular TV game show, "Who Wants To Be A Millionaire?"

In this case the program

was titled "Who Wants To Be A Greenskeeper?" With some very interesting and educational questions for the asking, more than 85 meeting attendees vied for the Hot Seat with emcee Bob "Regis" Klitz.

Over 30 contestants made it to the Hot Seat and were asked fun questions such as, "Where would you most likely find a pull gang?"

- A. On a green
- B. In the rough
- C. In a lake
- D. In a bunker

It was fun and exciting to see strong participation for a summer meeting.

In the past, summer projects and vacation schedules have made it difficult to attract large

attendance to summertime monthly meetings.

Thanks to the 27 commercial suppliers who donated more than \$1,200 in cash and prizes in addition to those superintendents who brought prize donations from their clubs.

This event proved to be so successful, perhaps the FTGA or GCSAA could promote this type of an event on the Trade Show floor during the conference to attract more interest.

It just goes to show you, we can have some fun and be educated at the same time. Is that your final answer?

*MIKE BAILEY, CGCS
Ft. Lauderdale C.C.*

**VW&R Will Be There with The Supplies and Expertise You Need—
No Matter How Difficult Your Growing Conditions!**

- Chemicals and fertilizers across the Sunbelt—Soon to be nationwide.
- Building a nationwide team of turf professionals who understand your needs.
- VW&R is the most efficient distribution company in North America.
- Over 65 U.S. locations.



VW&R Van Waters & Rogers Inc.
A ROYAL VOPAK COMPANY

Call Your Local
VW&R Office at...

1-800-888-4VWR
We understand that failure is not an option for our customers



Jack Harrell, Sr., center, receives his Ridge Chapter Lifetime Honorary Membership plaque from Jeff Brown and Steve Ciardullo.

RIDGE CHAPTER

Service Earns Life Memberships

The Ridge Chapter paid special recognition to two of their own at their

chapter meeting in June at the Eaglebrook C.C..

Lifetime honorary memberships were bestowed to Jack Harrell, Sr. of Harrell's Fertilizer Company and Ray Cuzzone, formerly with the City of Bartow Golf Club, for their meritorious service to the Ridge Chapter.

Harrell has long been a friend and mentor to many a superintendent who got started in the Central Florida area, and those friendships and business relationships continued no matter where a superintendent might find himself located.

Cuzzone has been a vital spark plug in the chapter, holding all offices



Ridge Chapter President Jeff Brown, left, presents Ray Cuzzone with his Lifetime Honorary Membership plaque from the Ridge Chapter.

on the board and helping out with all the fund-raising events.

Cuzzone recently left the Bartow G. C. to take a position with Coastal Equipment.

"Sometimes we just don't say 'thank you' enough to those who give so much of their time and talent to our chapters and associations," said Ridge President Steve Ciardullo. "The Ridge board wanted to do something to let these gentlemen know how much we do appreciate what they did for us."

JOEL JACKSON, CGCS

COASTAL PLAINS CHAPTER

5th Coastal Plains Classic Big Success

On Monday, July 17, host superintendent Geri Buchheit, CGCS had

Tom Burrows, Consulting Agronomist/Turfgrass Specialist Independent Consulting using "Brookside Laboratory"

Greens Reconstruction

- ◆ Soil Physical Analysis
- ◆ USGA Approved Testing
- ◆ Analytical Service
- ◆ Recommendations
- ◆ Specifications for Contractor Bidding

Soil Testing

- ◆ Greens, Tees, Fairways
- ◆ Analytical Report and Soil Fertility Recommendations

Water Testing

- ◆ Report & Recommendations

In the business 40 years

Jensen Beach, Florida
561-692-1221 cell: 561-485-3776

HEFTEE LIFTS
...the cutting edge of maintenance technology

Keep your equipment on course.

Regularly scheduled preventive maintenance of your equipment is essential to successful golf course operation. Frequent, efficient, accurate maintenance minimizes downtime and maximizes equipment usage and the economic return on your investment.

Heftee lifts improve technician job safety and job satisfaction.

Heftee lifts allow your technicians to stand safely, comfortably and have unrestricted access to the areas being serviced. Because they won't grovel on the floor, work is performed faster without unsafe work practices.

Our lifts are powerful and strong, but can be moved easily around the shop.

Designed and built to four times rated capacity, the brute strength of the Heftee 4000 can lift up to 4000 pounds to six feet into the air in less than a minute. But unlike other turf equipment lifts, no special installation is required. Save money and have the flexibility to relocate the lift to meet changing shop demands.

To find out more about our performance guarantee, accessories, a free video and our special golf course packages call:

800-755-7540

See us on the web at www.heftee.com



HEFTEE
Oregon, IL





the Killearn Country Club in Tallahassee in fantastic condition for the 5th Annual Coastal Plains Classic and Mother Nature didn't spoil the party with any thunderstorms.

The tournament was a great success with the Coastal Plains Chapter raising \$2,000 for the Refuge House in Tallahassee which lends support to battered women and children.

Another \$3,500 has been earmarked for turfgrass research under the direction of Dr. Bryan Unruh at the UF/IFAS West Florida Research and Education Center in Milton.

The Coastal Plains GCSA would like to

recognize the members of the tournament committee whose hard work enabled the tournament to be another successful event: Geri Buchheit, CGCS, Killearn CC; Mike Bishop, Southern States, Inc.; Mike Echols, GCS, Summerbrooke GC; Mike Machamana, Lesco, Inc.; and Bill Kohler, FSU.

Tournament winners in the two-person team event: First Gross - Sarah Phillips and Charlie Richardson. Second Gross - Yuichi Morie and Jeff Cook.

First Net - Ed Hoover and Dave Bauer. Second Net - Tom Cowan and Bill Alford.

*DOUG ABBUHL, GCS
FSU Golf Course*

NORTH FLORIDA CHAPTER

All Get Together at The Transition

On Friday, July, 21st the North Florida Chapter began its annual golf outing and family get together called

The Transition Tournament. The name was selected well over 25 years ago to celebrate the transition of leadership within the organization as a new slate of officers takes over for last year's board.

Of course no matter what you call it, it was a wonderful excuse to break the summer slump, play a whole lot of golf, bring the families together and generally have a good time. Mission accom-

plished!

All of the weekend activities were held at Jekyll Island, Ga., home of the well-conditioned Pine Lakes and Indian Mound golf courses. From shoot-outs to cookouts, this annual event allows folks to lighten up a little bit and let everyone's families get acquainted or reacquainted with each other through a common interest.

The new board that will lead the North Florida Chapter for the next 12 months: president, Clayton Estes; vice president, Andy Maguire; and secretary/treasurer, Glen Klauk. It should be noted that Clayton Estes has accepted the challenge of

South Florida Grassing, Inc

Over 35 Years in the Grassing Industry

Tifway 419 • TifEagle

Sod, Sprigs and Rolls available

- We provide reworking and planting services for fairways, tees and greens
- Our grass is grown in Hobe Sound on gassed, sand-based soil
- Hydro-mulching, grassing and mulching also available

TifSport

Tifdwarf



Certified Producer

Southern Seed
Certification Association

(561) 546-4191

800-483-4279

THANK YOU THANK YOU

24th Annual Larry Kamphaus Crowfoot Open

**Bay Hill Club
August 6-7, 2000**

We would like to thank the following sponsors for their support

Platinum Sponsors

Aquatrols - Alan Niblett • Aventis - Todd Himelberger • Bayer Corporation - Richard Skorepa
Environmental Golf - Alex Marshall • FMC/Talstar - Chris McGill • Golf Course Irrigation Services, Inc. - Robby Milton
Golf Ventures, Inc. - Don Delaney • Harrell's/Pursell Polyon - Matt Shook and Tim Orton
Howard Fertilizer Co., Inc. - George Carroll • Lesco - Phil Gardner • Monsanto - Curt Gress
Novartis Crop Protection - Vera Gasparini • ProSource One - David Ackley
Rainbird Golf and Florida Irrigation - Rod McWhirter and Chuck Garrett • Southern Golf Products - Steve Burrell
Southern States - Fred Marshall • Standard Golf Company - Mike Doyle • Tresca Turf & Tractor - Travis Tresca
Turf Merchants, Griffin LLC, ITS - Butch Gill and Billy Griffith • United Horticulture Supply - Todd Ronske
Wesco Turf Supply - Brad Reano

Diamond Sponsors

Almar Turf Products, Inc. - Stuart Cohen • Arnold Palmer's Bay Hill Club - Dwight Kummer • Dow AgroSciences - Steven Farrington
E. R. Jahna Industries - Tom Reeder • Florida Potting Soils - Frank Hardy • Florida Turfgrass Association - Cheryl Stocklin
Golf Agronomics - Chris Leahy • Lake Masters Aquatic Weed Control, Inc. - Michael D. Martin
Lewis Equipment Company - Tom Wells • Master Turf Farms, Inc. - Michael Cook • Nutri-Turf - Jay McCord
OneSource Landscape & Golf Services - Keith Kirchoffer • Profile Products, LLC - Paul Salmon • R.C. Dunn Oil Co., Inc. - Harry Becker

Gold Sponsors

DuCor International Corporation - Thomas Acker • Laserturf - Dale Witting • Pennington Seed Company - Stan Kleczynski
Precision: "Your Golf Course Supermarket" - Andy Masciarella • Quality Grassing & Services - P. Howard Barnes
Valent USA Corporation - Peter Blum • Zeneca: Heritage and Daconil - Lee Bloomcamp

Par 3 Sponsors

Howard Fertilizer - George Carroll • Tresca Turf & Tractor - Travis Tresca
Van Waters & Rogers, Inc. - Richard Beck • Wesco Turf - Brad Reano

A special thank you to Howard Fertilizer for donating a dozen Crowfoot Open golf balls to each superintendent player and to Textron and Tresca Turf & Tractor for providing the beverage stations for the tournament and for the Jacobsen 22" walking mower prize for the Tee Sign Contest.

The 2000 Crowfoot Committee

Tom Alex, Dwight Kummer, Joel Jackson, Stuart Leventhal, Bob Lloyd, Jan Lloyd, Lisa McDowell and Joe Ondo.

THANK YOU THANK YOU

THANK YOU THANK YOU

THANK YOU THANK YOU



repeating as chapter president for the upcoming year.

Thanks Clayton.
JIM SHINE
St. Johns River Power Park

KAMPHAUS/CROWFOOT OPEN

Central Florida Celebrates Crowfoot

August 5-7, 2000 were the dates and the Bay Hill Club & Lodge in Orlando was the site for this year's edition of the Larry Kamphaus Crowfoot Open.

The weekend began with the FGCSA Board meeting on Saturday. After the business meeting, which included discussion on GCSAA's Professional Development Initiative, a



Meet the 2000-2001 FGCSA Board of Directors. Left to right. Front row: Mark Henderson, Eric Joy, Jim Goins, CGCS, Doug Abbuhl, and Greg Pheneger. Back row: Tom Barnett, Greg Tharp, Brett Harris, and Steve Ciardullo. Not pictured are: Buddy Keene, Rick Tatum and John Van Vranken. Photo by Joel Jackson.

legislative review by lobbyist Mike Goldie and the adoption of the new operating budget, the

annual meeting and election of officers was held.
 Cary Lewis, CGCS of

the Renaissance Vinoy Resort is the new president. Cary is from the West Coast chapter.



Compared to Tifway (419):

- Superior Cold Hardiness
- Genetically Ensured Purity
- High Density, High Tensile Strength
- Improved Traffic Tolerance
- Mole Cricket Non-Preference
- Tees and Fairways Easily Maintained to 1/2 inch or Higher for Roughts
- Sold Only as Certified



1487 Blackdirt Road • Whitesburg, Georgia 30185
1-800-273-8608

Environmental Solutions

• Wash Rack Systems • Chemical Buildings • Spill Containment Products



Complete self-contained chemical buildings



Spill containment products for shop of chemical rooms



Wash Rack Systems –
 •closed loop •sewer discharge

- New Designs
- Improved features
- Low maintenance

Call us today for more info and prices.



P.O. BOX 1307
 LAKE WALES, FLORIDA 33859
 www.chemicalcontainers.com

1-800-346-7867

SPECIALIST IN LIQUID HANDLING PRODUCTS & EQUIPMENT

Crowfoot Open Winners

Superintendent Division

Low Gross: 1st-Jimmy Lawrence (72), 2nd-Steve Bernard (73), 3rd-Mark Hopkins (75).

Low Net Points: 1st-Greg Maze(+5) in a match of cards with Ricky Hoopes also (+5); 3rd-John Lammrish (+4).

Commercial Division

Low Gross: 1st-Mike Martin; 2nd-Mike Doyle; 3rd-Steve Wright

Low Net: 1st-Frank Hardy; 2nd-Greg Lawrence; 3rd-Bob Giehls

Central Florida's own Geoff Coggan, CGCS from the Great Outdoors Resort is the new vice president. Coggan will spread his wings as VP rather gingerly for a while as he nurses a broken arm suffered while roller blading. David Court,

CGCS of the Palm Beach Chapter and the Boca Lago C.C. was welcomed to the officer ranks as the new secretary/treasurer. Darren Davis of the Everglades Chapter becomes the immediate past president, rounding out the executive council for the 2000-01



The Central Florida Team won the 24th Annual Crowfoot Open held at Arnold Palmer's Bay Hill Club on August 7th. Team members are from the left: John Lammrish, CGCS, LPGA International; Jimmy Lawrence, Southridge G.C. (also the Low Gross Winner with a par 72); Jim Kernohan, MetroWest G.C.; and Ricky Hoopes, Grand Cypress G.C. Photo by Joel Jackson.

Barricade®. For the longest-lasting control of *Poa annua* of any preemergence herbicide.



Plus broad-spectrum control of winter annuals like Knotweed, Chickweed, Shepherdspurse, and Henbit.

To learn more about Barricade, call 1-800-395-TURF for the name of your Novartis Sales Representative. Or visit our website at www.cp.us.novartis.com

Vera Gasparini
Kevin Fuchs

1-800-334-9481 ext. 6378
1-800-334-9481 ext. 6015

 NOVARTIS



Alamo®
Award®
Banner® MAXX™
Barricade®
Primo®
Subdue® MAXX™

©1999 Novartis Crop Protection, Inc. Turf & Ornamental Products, Greensboro, NC 27419-8300.

Important: Always read and follow label instructions before buying or using these products.

MAXX™ and the Novartis logo are trademarks, Alamo®, Award®, Banner®, Barricade®, Primo®, and Subdue® are registered trademarks of Novartis.

Alamo Quarts are not registered for use in the state of California.



Joe Ondo, CGCS, Winter Pines G.C., was presented the 2000 FGCSA Distinguished Service Award by FGCSA Director of Communications Joel Jackson, CGCS. The unsuspecting Jackson in turn was honored by the Crowfoot Committee as the recipient of the 2000 Larry Kamphaus Award during the Crowfoot Open banquet. Photo by Stuart Leventhal.

fiscal year.

On Sunday night the festivities got rolling with a reception and banquet. Tom Alex, Crowfoot chairman and emcee, was in rare form with many one-liner zingers for all who won door prizes. But before the the fun-laden raffle got under way, a couple of Central Florida members were put in the spotlight. I was presented the FGCSA Distinguished Service Award for 2000 by FGCSA Director of Communications Joel Jackson.

I am deeply honored and appreciate this recognition by my peers.

When it came time to name the annual Larry Kamphaus Award winner

for 2000 no one was more surprised as the recipient, Joel Jackson, CGCS. Jackson, who did the presentation of the DSA Award to me, thought I was going to be a double winner that night.

Of course that misdirection was engineered by emcee Alex who had sandbagged Jackson with lies and subterfuge.

With Vilma Kamphaus, Larry's widow, in the audience Jackson was obviously moved by his selection. Citing his 20-year relationship with his late friend and mentor at Disney, he humbly accepted the honor.

When Monday morning rolled around the full field of superintendents,

CUSTOM APPLICATION

- PGR's
- Pre-emergents
- Insect and disease control
- Renovation

SPRAY COMPONENTS

- Spraying Systems
- Hypro Corporation
- Micro-Trak Systems
- Raven Industries

AMERA
Turf Services, Inc.

1-(800) 683-7830

UNconventional

DEEPER
SMOOTHER
QUICK RECOVERY
BETTER PLAYABILITY
LONGER LASTING BENEFIT
DEEP SPIKING OR CORING
GREATER SOIL MASS AERIFIED
DON'T SETTLE FOR CONVENTIONAL
(800) 340-3888

AERIFICATION PLUS, INC.
TURFGRASS AERIFICATION AND ROOT ZONE MANAGEMENT

RUSS VARNEY, CCA
(813) 610-1112

GUY VENEZIA
(813) 695-0188

MARK ATHERHOLT
(727) 945-0825

PAUL HAMRICK
(904) 737-1932
Mobile (904) 571-0224

TROY FUTCH
(941) 650-2719

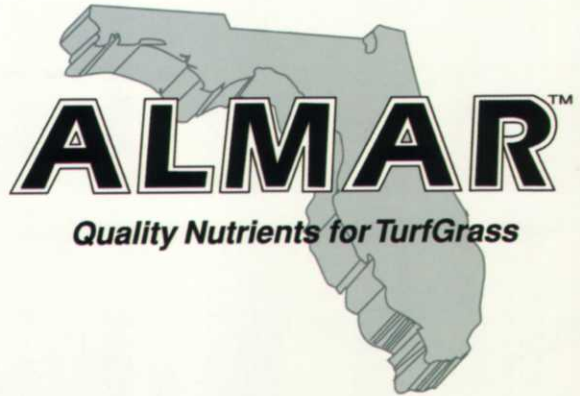
Visit us at <http://aerificationplus.com>



The Florida GCSA Officers for 2000-01, from the left: Vice President Geoff Coggan, CGCS; Secretary/Treasurer David Court, CGCS; President Cary Lewis, CGCS; and Past President Darren Davis. Photo by Joel Jackson.

suppliers and guests was ready to tee off on the Bay Hill course. Host superintendent Dwight Kummer

and his staff had the course in great shape and set up for scoring by this band of hackers. When



Your Winter Foliar Program...
 BEAUTI-GREEN™, GREEN MAGIC™
 KICK-IN-THE-GRASS™, PENETROL™.

Also Available:
 BULK LIQUID FERTILIZERS

Almar Turf Products, Inc.

P.O. Box 2224
 Palm City, Florida 34990

East (800) 900-6444 • West (800) 340-3888



Nutri-Turf, Inc.

ONE OF THE ANHEUSER-BUSCH COMPANIES

THIS TURF'S FORE YOU!

**Producing Certified Turfgrasses
 Inspected and Approved by the
 Southern Seed Certification Association**

16163 LEM TURNER ROAD • JACKSONVILLE, FL 32218
800-329-TURF (8873)



Dale Mitchell of Golf Agronomics Supply and Handling, left, presents FGCSA President Darren Davis with a check for \$3,000 for turf research. Chris Leahy also with GASH looks on as this check brings GASH's total donations to the FGCSA Research Account to more than \$39,000. Photo by Joel Jackson.

the divots had settled, four Central Florida members hacked it around the best and won the team championship: Ricky Hoopes of The Grand Cypress Club; Jim Kernohan from MetroWest G.C.; John Lammrish from LPGA International and Jimmy Lawrence from Southridge G.C. in Deland.

Lawrence shot a par 72 to win the low gross individual score and qualify to play on the FGCSA golf team competing in Austin, Tex. at the GCSAA Golf Championship.

The FGCSA reimburses the registration fee for the four members who qualify

for the No.1 Florida team through competitions throughout the year.

Thanks to the Bay Hill staff for the great banquet and hospitality, and of course no event like this would be possible without the support of our sponsors.

Please see our Crowfoot Thank-You ad for the names of the folks who helped make this another great Crowfoot Open.

Special thanks to the Crowfoot Committee, especially Lisa McDowell and her parents Jan and Bob Lloyd who take care of all the details and legwork that makes this event such a success.

JOE ONDO, CGCS



South Florida Turf Products

1-800-432-2214

1-561-746-0667

**Distributors for
Howard Fertilizers**

**QUALITY FERTILIZERS & CHEMICALS
FOR THE TURF INDUSTRY**

300 N. Old Dixie Hwy., #108
Jupiter, FL 33458

GCSAA REGIONAL SEMINAR

Co-Sponsored by North Florida GCSA

'INFLUENCING ON-THE-JOB BEHAVIOR'

by Gerald Sweda

Thursday, November 9, 2000

8:00 a.m. to 5:00 p.m.

Holiday Inn

I-95 and Baymeadows, Jacksonville

Topics include

- ◆ Process designed to raise employees' performance
- ◆ Challenge the old theories of management and replace them with new, highly effective concepts
- ◆ Management theories for today's work situations
- ◆ An influencing system of activities for improving employee performance in virtually all situations

Continuing Education Units: 0.7

Registration available through the GCSAA

THANKS

to the following sponsors who supported the
2000 PALM BEACH GCSA's
FUTURE OF GOLF TOURNAMENT

DIAMOND SPONSORS

Hector Turf, Inc.
The Kilpatrick Companies

GOLD SPONSORS

Disbrow Enterprises
Florida Superior Sand
Golf Agronomics
Golf Ventures
Harrell's Fertilizer

LESCO
Novartis
NuCrane Machinery
United Horticultural Supply
Wyld West Annuals, Inc.

SILVER SPONSORS

Almar Turf Products
Aventis
Barnett Labor, Inc.
Blue Water Aquatis, Inc.
Club Car
Color Garden
Dow AgroSciences
DuCor International
Fazio Golf Course Designers
Florida Landscape Design
Googe Transport
Green Way
Habilitation Center Plant Nursery
Hamilton Grading and Grassing
Haverland Blackrock
Howard Fertilizer
Jerry's Turf Products
Lake Masters

Laserturf
Liquid Ag Systems
McAnlis Golf Design
Petroleum Industries
Pippin Tractor
Polecat Industries
Precision Small Engine Co.
Professional Golf Cards
Professional Pesticide Applicators
South Florida Grassing
Spreadrite, Inc.
Sullivan Electric
The Scotts Company
Tifton Golf Services
Turner Trucking
Upstart Products
Valent USA
Van Waters and Rogers

Zeneca



Number 13
Par 3
Photo by Daniel Zelazek



Renaissance Vinoy Resort

A Landmark in Time

BY JOEL JACKSON, CGCS

Little did I know, when Cary Lewis became president of the FGCSA, that his course, the Renaissance Vinoy Golf Club, was part of one of our national treasures of historic places. I only knew that the course had been called the Stouffer Vinoy before Marriott's Renaissance Hotel Group bought it, and I didn't know much more than that. But then, that's what I like this job. It's full of interesting surprises.

Located on Snell Island in St. Petersburg, which is really just a peninsula on the west coast of Tampa Bay, the Renaissance Vinoy Resort and Golf Club is celebrating 75 years as a downtown landmark. The hotel is one of only 77 hotel properties on the National Register of Historic Places and is a member of the Historic Hotels of America Program of the National



Architect Ron Garl created two sets of double greens on the Vinoy course paying homage to the Old Course at St. Andrews. This view across the #12 and #15 complex shows the ornate clubhouse in the background. Photo by Daniel Zelazek.

The hotel was built as the Vinoy Park Hotel in 1925 by Pennsylvania oil man Aymer Vinoy Laughner and was considered the grandest of the boom-era hotels for the world's most rich and famous.

Trust for Historic Preservation — an accolade bestowed on the nation's best-preserved historic properties. The Mediterranean Revival-style architecture of the hotel and golf clubhouse continues to dominate the St. Pete waterfront with style and grace.

The hotel was built as the Vinoy Park Hotel in 1925 by Pennsylvania oil man Aymer Vinoy Laughner and was considered the grandest of the boom-era hotels for the world's most rich and famous. According to the Laughner family archives, some of the country's wealthiest and most influential people of the times frequented the hotel: Calvin Coolidge; Herbert Hoover; Alf Landon; Babe Ruth; Admiral Robert Byrd; F. Scott Fitzgerald; the Pillsburys; the Fleischmanns; the Biddles of Philadelphia and the Smiths of Smith Corona.

The hotel survived the Depression of the 30s; the World War of the 40s and the Cold War of the 50s. However, lack of air conditioning and necessary repairs led to a slow decline of the once-opulent hotel and it finally closed its doors in 1974.

While the the hotel lay dormant for 18 years, the golf course remained open. The golf course opened in 1926 and, while some say Donald Ross had a hand in the original design, no proof exists to substantiate the claim. Over the years the course — built originally at sea level — was prone to flooding from storm surges.

In 1992 when Renaissance Hotels International under the Marriott flag purchased the resort. The hotel underwent a \$93 million renovation which focused

on preservation of the historic architecture while modernizing the infrastructure.

At the same time, golf course architect Ron Garl redesigned and rebuilt the old course. Using fill from seven manmade lakes on the property, Garl raised the course three feet above sea level. Two double greens salute old-style architecture and creation of waste bunkers, natural areas and improved wetlands give the course a distinctive Florida coastal course look and feel. Lewis came on board in 1992 to grow in the renovated golf course.

A native Floridian, who claims to be a fourth generation Florida Cracker from LaBelle, Lewis brought nearly 20 years of Florida golf course experience, including several grow-ins, to the project. No less colorful than his newly renovated resort home, I learned Lewis is a former rock-and-roll drummer and former high school football quarterback. Those facts have absolutely nothing to do with golf but help define his personality: outgoing and understanding of the responsibilities of leadership.

Anybody who knows Lewis will not be surprised to learn that I burned up two rolls of film and two and a half micro cassette tapes trying to capture the thoughts, ideas and stories from this good-natured professional who now takes the helm of our association. I have had the pleasure of knowing Lewis for nearly 15 years.

Wherever he is, he gets involved.

It is just part of his nature to take a deep interest in his profession and the industry. He has been the president of the Everglades and West Coast chapters and would have added the presidency of the Central Florida chapter to his resume had he not moved to St. Petersburg to take the Vinoy position.

Coming to the Vinoy and being part of the corporate environment was a new experience for Lewis, who was more accustomed to private club operations. But his willingness to learn and ability to communicate helped him rise to the position of director of grounds, responsible not only for the golf course but the hotel landscape as well. It is important to

note that the golf club and the hotel are over a mile apart, which means Lewis has had to rely on the people who work with him to make the whole operation successful.

On my tour of the golf course and hotel, Lewis proudly introduced the members of his staff from the greenskeeper sculpting the hedges to his assistant superintendent Dave Kane and landscape supervisor Tom Daley.

SMITHCO

SALES AND SERVICE

KILPATRICK TURF EQUIPMENT

7700 High Ridge Road ■ Boynton Beach, FL 33462

Telephone: 561-533-1481 ■ Fax: 561-533-1518

1620 Trade Center Way ■ Naples, FL 34109

Telephone: 941-594-1907 ■ Fax: 941-594-1937

TIECO/GULF COAST

540 W. Michigan Avenue ■ Pensacola, FL 32505

Telephone: 850-434-5475 ■ Fax: 850-434-2786

TRESCA INDUSTRIES

4827 Phillips Highway ■ Jacksonville, FL 32247

Telephone: 904-448-8070 ■ Fax: 904-448-2725

3930 N. Orange Blossom Trail ■ Orlando, FL 32804

Telephone: 407-291-1717 ■ Fax: 407-297-6166

If You're Looking for Improved Pest Control . . . Du Cor has an Easier Solution!



New Du Cor LEMWET can help improve your pesticide spray application! LEMWET is a lemon extract attractant and surfactant for use with most pesticides. LEMWET attracts nearby pests to your spray. In addition, its non-ionic surfactants improve spray penetration and bring your pesticide into close contact with pests!

For over 35 years, Du Cor has been coming up with products to fit our customers needs. From liquid micronutrients, humates and fertilizers, to specialty dyes, surfactants, odor counteractants and more, we take pride in finding special solutions that help our clients.

So if your looking for something special to attract a nuisance, or maybe just a different solution to help you grow, give Du Cor a call. We may already have just the solution you need!



Du Cor International Corporation

P.O. Box 593298, Orlando, Florida 32859
407-859-4390 or Toll Free 1-800-382-6735

WHO NEEDS “FOOTPRINTS”?

Now, by popular request, here is the new way to put an end to those exasperating grooves, depressions and compaction on your greens and tees, which can easily effect your players' scores. Our new turf sprayer is engineered to a surprisingly light weight, so it leaves no “footprints” and is always kind to your finest turf - and to your players.

Introducing Our SPRAY STAR 1000



NOT YOUR GREENS AND TEES

Our All-New Spray Star 1000. The turf sprayer that will take the worry out of damage to your most important turf areas. With its very light weight and extra-soft turf tires, its psi adds up to only seven. Hydraulic drive and power steering make it particularly maneuverable and its spray controls will give you the precision you want and need. The spray tank has a very low center-of-gravity and profile - and carries a Lifetime Guaranty. Only from Smithco.



SPRAY STAR 1000
110-Gallon Capacity

The Spray Star 1600P/H. Our mid-size sprayer, now available with your choice of our new and exclusive hydraulic drive, or mechanical drive. It features a new-design polyethylene tank with especially low profile and boom-wheel kits to maintain precise spraying accuracy on the most uneven terrain. Only from Smithco.

SPRAY STAR 1600P/H
160-Gallon Capacity
New Hydraulic Drive



The Spray Star 3000. Our big-capacity sprayer for those big jobs and big areas. Its quiet,

Ford, water-cooled engine delivers plenty of power for its big payload - and its automotive-type steering gives it the maneuverability you like. With many operator safety features, including a filtered-air cab.

Many Other Special Features. Two types of safety control switches for maximum operator protection ■ clear water wash tanks ■ three spray control options for exact pressure adjustments and boom control ■ soft-touch tires front and rear for superior weight distribution ■ excellent stability on sloping terrain and hills



SPRAY STAR 3000
300-Gallon Capacity

Your Smithco distributor would like to show you why we are a leader in all types of turf spraying equipment. Call now for a demonstration. Seeing is believing.

ALWAYS OUT FRONT
SMITHCO
WAYNE, PENNSYLVANIA 19087
www.smithco.com



The first and ninth holes are captured here in a birds-eye view from the clubhouse tower. Photographers are always looking for elevation. Photo by Daniel Zelazek.

The hotel underwent a \$93 million renovation which focused on preservation of the historic architecture while modernizing the infrastructure.

“Dave is my barometer and my compass,” he said. “Sometimes when I get too involved in number-crunching projects, meetings and find myself looking only at the big picture, Dave will get me back on course with attention to the details of our daily mission and the needs of our staff.”

“I think we make a good team. I tend to be free-wheeling, cheerleader type who gets excited about new projects and changes while Dave is the steady hand who likes to follow a plan methodically to its conclusion and then move on to the next project.”

“The same goes for my landscape supervisor Tom Daley, an excellent young

man with good common sense, a love of landscaping, and a good leader. Since the hotel and golf course are separated, I rely on him to keep the hotel landscape in order. We are responsible for the interior plants as well as the exterior grounds. Tom has created a finely manicured tea garden and arboretum area on the grounds which is a popular natural area for the guests.”

“My goal is to be a good resource for Tom and keep him supplied with manpower and needed materials to get the job done. I have enjoyed the additional responsibility of the director of grounds position because it has given me the challenge to learn more about trees, orna-

mentals and annuals. Both Tom and I look for ways to incorporate as much low maintenance but colorful and interesting plant material into the hotel landscape to keep it unique and distinctive, befitting its historical significance.”

Another key member of Lewis’s staff is Christy Cordanio, his administrative assistant.

“Besides keeping the paperwork flowing smoothly, Christy has boosted morale tremendously by making our work environment just a little nicer. She spearheaded a clean-up campaign that resulted in repainting the office and break room areas and the addition of some curtains to give it that little extra touch.

“She also organized a baby shower for one of our employees and his wife, a Bosnian couple. They were overwhelmed by the donated baby stroller, car seat and all the other supplies new babies require. They were quite taken with the American generosity.”

Lewis said the clean-up bug quickly spread to the shop where painted floors and organized tool bins and walls helped improve not only appearances but efficiency and productivity as well. All of this, says Lewis, just goes to emphasize the need to stay in touch with your people and to create a good work environment.

Speaking of the environment, Lewis and his staff are currently in pursuit of attaining certification in the Audubon Cooperative Sanctuary Program. On our ride through of the course, Lewis pointed out several environmentally friendly features built into the course design.

“The course drainage system is designed to contain all runoff on the course and will hold the first 12 inches of rainfall. Around each of our seven manmade lakes we have an interceptor drain or filter. When the water levels rise, they feed into these drains first. This may make the course drain a little slower than we’d like, but I like the additional safety factor to contain our storm runoff.”

“On the site that is now the 17th hole, we used to have a stagnant, brackish area. During construction we created a salt water wetland complete with orange, red and black mangroves, salt-tolerant cordgrass and paspalum. The wa-

Cary Lewis

Originally from: Labelle. Fourth generation “cracker.” Family: Marla, wife of 25 years. Sons: Clayton (24) and Justin (16).

Education: 1978 Lake City Community College Golf Course Operations.

Employment history: 1978 San Carlos Park G.C.; 1978-81 Farington G&TC, Atlanta, Ga.; 1982-84 Grow-in of Windstar G.C., Naples; 1985 Grow in of The Vines G.C., Bonita Springs; 1986 Fiddlesticks G.C.; 1987-88 Self-employed Remote Sensing (Infrared Aerial Photography Service); 1988-91 Rebuilt C. C. of Orlando; 1992-present Renaissance Vinoy rebuild and grow-in. Purchased by Marriott in 1998.

Professional affiliations and awards: Member of FGCSA, FTGA, GCSAA. Past president of Everglades GCSA and West Coast GCSA. Rose to vice president of Central Florida GCSA before moving to West Coast Chapter. GCSAA committee work. USGA Greens Section Committee 1993-99. Chapter Director for the Gull Wing Road Riders Association (Honda motorcycle club).

Mentors: My mom; Al Frenette, Peachtree G.C., Atlanta; Bob Sanderson, retired superintendent and co-founder of Everglades GCSA; Clint Smallridge, CGCS, Banyan G.C.; Dan Jones, CGCS, South Florida Grassing, Inc., retired superintendent and former editor of *The Florida Green*; and Dale Reash, CGCS, Countryside C.C.

Memorable moments: My first grow-in. Being involved in the development of a golf course. Feeling like you’re leaving a permanent mark on this earth. To experience how positive a golf course can be on the environment.

Goals: To be the best that I can be, but to learn that life is short and have some fun along the way. Travel the back roads of this great country and meet the real people.

Advice and Philosophy: Treat all people like you want to be treated. Never forget the basics. These are the things that will get you through the tough times. Stay close to your staff. They are your arms and legs.

Hobbies and interests: Involvement in the future of our great business. Golf. Traveling on my Honda Gull Wing with Marla and really experiencing the environment.



Cary and Marla Lewis on their Honda Gull Wing.



Renaissance Vinoy GC

Name: The Renaissance Vinoy Resort and Golf Club

Location: Snell Island, St. Petersburg

Ownership: Renaissance International & Marriott International.

Playing Policy: Private Resort, 18 holes.

Yardage: 6,378; par 70. Course Rating/Slope Rating: 70.2/118

Designed by: Original designer in 1926 unknown; redesigned by Ron Garl and reopened in 1992.

Management Team: General Manager Russell Bond; Director of Golf Randy Mosley; Head Golf Professional Matthew Barnes; Director of Grounds Cary Lewis, CGCS.

Total acreage under maintenance: 110 acres with 94 acres of turf.

Greens: Average size: 8,700, total 4 acres; turf - Tifdwarf; HOC: 0.125 year round except 0.145 at aerification and overseeding. Overseed: Mariner creeping bentgrass (salt tolerant) @ 4 lbs./1000 sq. ft. with Darkhorse Poa trivialis @ 14 lbs/1,000. Green Speed goal: 9.0 - 9.5

Tees: 3.8 acres of Tifway 419; HOC: 0.5; overseeded with Signature Blend Perennial Rye @ 8 lbs./1000 sq.ft.

Fairways: 26 acres of Tifway 419; HOC: 0.5; overseeded with Signature Blend Perennial Rye @ 500 lbs./acre.

Experimenting with less heat-tolerant variety called Transist Intermediate Rye to expedite transition in the spring.

Bunkers: 39 with Standard M sand. Mechanically rake all bunkers with two Smithco Super Rakes. Four waste areas covering six acres. Originally in bunker sand. Converting to concrete washings (crushed shell).

Waterways/Ponds: Nine lakes covering 15 acres — 11 fresh water, 4 tidal and brackish water. Seven manmade 35-40 ft. deep for construction fill, two natural tidal marshes 3-4 ft. deep.

Irrigation: Reclaimed water; Carroll Childers pumps @ 1500 gpm. Toro Varitime II controllers. 800 hydraulic normally open heads; fertigate fall and winter with calcium nitrate and sulfate sources using dual head pump to offset high sodium content of reclaimed water.

Staff: 18 full time golf including superintendent and 5 landscape associates.

Key Personnel: Assistant Supt. Dave Kane; Landscape Supervisor Tom Daley; Shop Manager Eric Kulaas; Assist. Shop Manager, Danny Hiatt; Pest Control Technician Richard Orr; Irrigation Technician John Graffis; Administrative Assistant Christy Cordanio. The Vinoy G.C. employs OJT student interns from Lake City Community College, University of Florida and Pinellas Tech.

Major Renovations/Ongoing Projects: Capital equipment replacement program; renovation of waste bunkers with concrete screenings; ongoing drainage improvements; ongoing exotic plant control and removal; irrigation system upgrade in the planning stages.

Special circumstances: Low elevation. Only 3-4 ft. above sea level. High sodium content in soil and irrigation water. Construction with soil from old golf course with high weed seed and nematode counts. Minimal course closings for aerifications only. Balancing private member needs with resort play.

Communications: Daily pre-shift meetings with crew; weekly managers/supervisors staff meeting; monthly department meetings on safety and operational issues; monthly article in club newsletter; quarterly Ambassadors meeting with private club members.

Environment/IPM: Chipco Choice application for mole crickets with its low rate of product and effectiveness. Subsurface injection or slit injection of Namacur and other products to make product more effective and reduce surface contact. Selective post-emergent herbicide treatments as needed. Preemergent herbicide programs for weed control. Spray buffers around waterways. Wildlife log in pro shop. Working on ACSP certification. Site for annual St. Petersburg Audubon Society Bird Count.

When someone suggests you spend more money on a less effective preemergent, it's time to hold on to your wallet.

Herbicide	Crabgrass	Goosegrass	Foxtail	Poa Annua	Oxalis	Spurge	Henbit	Chickweed
PENDULUM	H	H	H	M	H	M	H	H
BARRICADE ^a	H	M	M	M	MH	M	H	H
DIMENSION ^b	H	M	H	M	H	M	M	M
TEAM ^c	H	M	M	M	M	M	NR	NR
RONSTAR ^d	M	H	NR	M	M	NR	NR	NR
SURFLAN ^e	H	H	H	M	MH	M	H	H
Level of control	Medium		Medium-High		High	Not Registered		

^a Novartis ^b Rohm and Haas Co. ^c Dow AgroSciences ^d Rhône-Poulenc

Field trials confirm that PENDULUM[®] consistently gives you more dependable, broad-spectrum weed control than any other preemergent herbicide.

So, even when compared to premium-priced products, PENDULUM controls more weeds. You can take that to the bank.

For the PENDULUM herbicide distributor nearest you, call 1-800-545-9525, ext. T2611.

Or visit our website at www.turffacts.com. Always read and follow label directions.

PENDulum[®]
Herbicide

Unmatched value. Unbeatable performance.

PENDULUM is a registered trademark of BASF. ©2000 BASF Corporation. All rights reserved.



The 17th hole, a 142 yard par 3 is part of a six acre manmade wetland . Photo by Daniel Zelazek

***Wildlife is a big deal
at this urban bayside
golf course, which is
currently in pursuit of
attaining certification
in the Audubon
Cooperative
Sanctuary Program.***

ter quality is much improved along with the habitat for wildlife.”

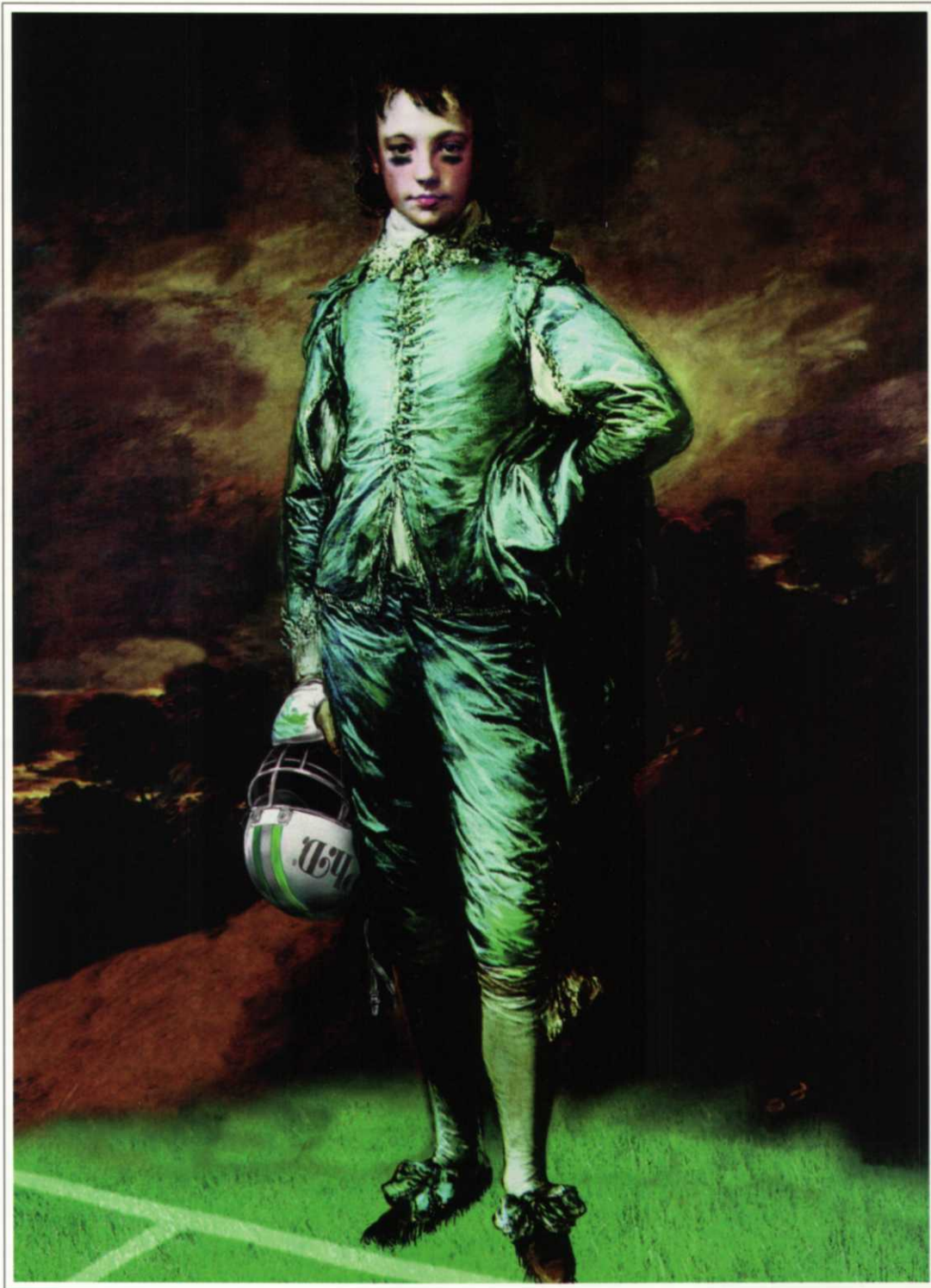
Wildlife is a big deal at this urban bayside golf course. As part of the public outreach in the ACSP certification program, Lewis has a wildlife log book at the counter in the pro shop. Members and players are encouraged to log any sighting of wildlife seen during their rounds. Others can leaf through the book and see what sightings have already occurred.

Tana McBride, a beverage cart hostess at the club, helps Lewis by making a point of looking for and document wildlife sightings. She also helps protect the resident critters by informing the maintenance staff of nesting sites, especially of the waterfowl.

Lewis is constantly looking for out-of-play areas that can reasonably be converted to native grass beds. He also encourages the naturally salt-tolerant paspalum grasses to grow in the roughs around the brackish water lakes, saying they make a decent turf at the taller rough height of cut.

Bird boxes and osprey platforms have also been added to the course and Lewis says one platform has yielded four pairs of fledgling fish hawks so far. The course is also the site of an official annual Audubon Society Bird Count, although Lewis says he wishes they would come out a little earlier. He says they are missing another 30 to 40 percent of the population. Hey, the early birder gets the count!

Legendary!



 **CEBECO
INTERNATIONAL SEEDS**

P.O. Box 229 • Halsey, Oregon 97348 • Tel: (541) 369-2251 • 1-800-445-2251 • Fax (541) 369-2640 • intlseed@intlseed.com

Views of the Vinoy

PHOTOS BY JOEL JACKSON

The Renaissance Vinoy Resort is a wildlife sanctuary on Snell Island in downtown St. Petersburg. Already listed on the National Register of Historic Places, the Vinoy is working to become a Certified Wildlife Sanctuary in the Audubon Cooperative Sanctuary System. Below, right, wood storks pose near a wood duck next box. Herons, mallards and cormorants were also approachable. However, the resident African gray parrots, roseate spoonbill and iguana were too camera shy to be photographed.

Right, superintendent Cary Lewis, CGCS shows off a unique air hose station outside the clubhouse for cleaning off golf shoes. He says it does a better job than traditional brushes.



In the clubhouse grille room, a scale model of the golf course under glass serves as the bar top. The unique visual aid stimulates and helps illustrate the recounting of golf rounds at the 19th hole.



Vinoy beverage hostess Tana McBride acts as a wildlife spotter for Lewis and his staff. She reports sightings of new species and the location of nesting sites so the mowing crews can avoid them.



A wildlife log book in the pro shop enables golfers to document sightings of birds and other wildlife. The book keeps members involved in the Audubon program and helps meet the outreach requirements for certification.



EZ FIND

Yardage Marking System

\$26.95
per unit

Includes base, number inserts and mounting screws
Complete unit is 6 inches in diameter



Pat. Pending

- Invented by a superintendent and field tested for over 2 years
- Mounts directly to irrigation heads
- Large easy to read, changeable numbers
- Speeds up play without affecting the “look and feel” of the fairway
- Available in 5 colors - White, Augusta, Royal, Red, Gold
- Won't effect irrigation head performance
- 2 year guarantee

See Your LESCO
Professional or Call
800-321-5325

LESCO®
Grow With Us™

Grow With Us is a trademark and LESCO is a registered trademark of LESCO, Inc.



This formerly sandy soil waste bunker between holes #3 and #4 is being converted to a crushed oyster shell material. This crushed material, similar to coquina gravel, provides a better playing surface to hit from and requires less maintenance for grooming. Photo by Joel Jackson.

Lewis has experimented with many of the new biological and organic products, trying to find materials that will allow him to use the most environmentally friendly products as possible.

“Some of the materials show promise, but most still take too long to control a pest or disease if a serious outbreak occurs. But we are definitely in a trend of using less pesticides by improving our management of the soil. I firmly believe in sub surface and slit injection methods of applying needed pesticides to reduce surface contact with golfers and wildlife and to put the chemical directly where the pests are. This makes them safer to use and more effective.”

Lewis says his primary pest problems are mole crickets and weeds.

“Chipco Choice has been a great tool for combating mole crickets. It’s the best thing to come along in my time. Weeds are another story. This course is so old

and has so much weed seed buried in the soil that we are challenged to keep them under control. We follow spring and fall preemergent herbicide programs and do selective post-emergent spot spraying as needed.”

The biggest agronomic problem Lewis faces is the high sodium content of the soil. With its 75-year history of salt water flooding and tidal action plus the 400-800 ppm of sodium in the irrigation water, Lewis must constantly be on the lookout for signs of sodic reactions in the soil.

“We installed an acid injection unit on our irrigation system and found that by adding small amounts of calcium nitrate and sulfate via the dual head injector, we could almost create a “liquid gypsum” effect to help tie up the sodium in the soil. Our biggest challenge comes during the dry spells when the sodium settles out of the soil solution. When the

rains come they naturally flush the sodium out. We also aerify and apply granular gypsum to help keep the sodium levels manageable.”

Keeping the course in good shape not only requires Lewis and his staff to focus on the grass and the soil, but also on the golfers. Since the Vinoy is a private resort, Lewis has the dual role of keeping members and resort guests happy. Lewis works closely with Director of Golf Randy Mosley to assure that the course is kept open as much as possible to serve both groups.

“Randy has previous private club and resort experience so he knows the challenges we face,” Lewis says. “We touch base almost daily so we know what’s happening with play and maintenance at all times. Randy is very good at creating gaps for us when we absolutely need to do critical maintenance.

“While his focus is understandably

member-guest satisfaction and service, he also knows that maintenance has to be a priority to achieve that. When we disagree on an issue, we close the door, sit down and discuss it, and when the door opens we are on the same page and support each other.

"Since there is no greens committee per se, I meet quarterly with the members' Ambassador Committee to discuss course conditions, projects and any other issues they might have. We do everything in our power and budget to accommodate their ideas and concerns since they are the core group of our clientele."

"Actually, the private membership and resort golf combination works pretty well. Most of the members like to play in the mornings and most of our resort golf is business outings in the afternoon after meetings."

The subject of golf and golfers brings us full circle to the history of the Vinoy. Recently named again by *Golf for Women*

West Coast Chapter

History: The Florida West Coast Golf Course Superintendents Association was founded in 1949 and is second only to the South Florida GCSA in longevity. Like their South Florida counterparts their activity ebbed and flowed as distance separated the major golf regions around the state in the early days.

Founding members: Harvey Meeks, Bill Meeks, Harvey Phillips, Bernie Felton, Pete Chuta, Doed Bolesta, Pop Hall, Colonel Frank Ward, Tim Johnson, Walter Rich, Hans Smizzen and Gus Thomas.

Activities: This year the FWCGCSA will host its 37th Annual Bud Quandt Research and Benefit Tournament. Proceeds from this tournament go to benefit turf research, student scholarships, the Moffitt Cancer Institute and All Children's Hospital. The event was named in honor of Charles "Bud" Quandt, former superintendent of the Pasadena Yacht & C. C. who was an instrumental leader and guiding force for the chapter in the 70s and 80s.

Honors and Awards: West Coast members who have served the state with distinction include FGCSA past presidents Don Delaney (84); Reed LeFebvre (87) and Cecil Johnston (89). Cary Lewis, CGCS, is the current president of the FGCSA. Recipients of the FGCSA's President's Award for Lifetime Service Award include Bud Quandt (90); Harvey Phillips (91) and Don Delaney (93).

Officers for 2000-2001: President and external vice president, Eric Joy; internal vice president, Whit Derrick; secretary/treasurer, Jim Sharpe.

Membership: 76 Class A, B, & C members in a total of 198.

Sometimes, it's all in the delivery.



Only United Horticultural Supply brings you the quality of Dursban in such innovative formulations*

Dursban* 2CG

- Polycoated, sand-based granule gets active ingredient into the turf
- Longer residual activity means lower application rates
- Low odor formulation won't volatilize

* Dursban is a registered trademark of Dow AgroSciences

800-457-0145



United
Horticultural Supply.



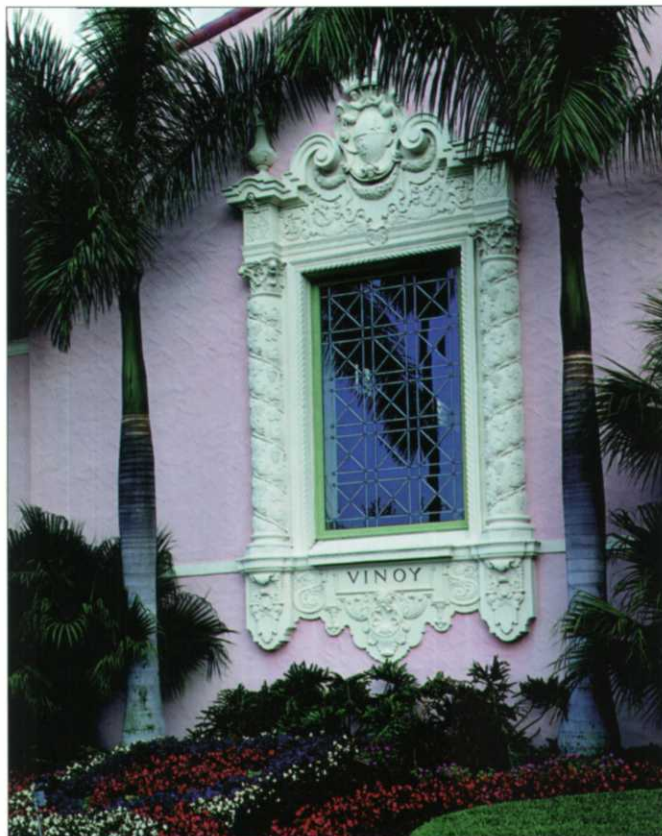
Many out-of-play areas like this location between the 3rd tee and fairway have been converted to native grass beds to reduce irrigated areas, fertilizer and pesticide applications and labor hours to mow. Photo by Joel Jackson.

Magazine as one of the top 100 courses friendly to women, the Vinoy has other ties to women's golf.

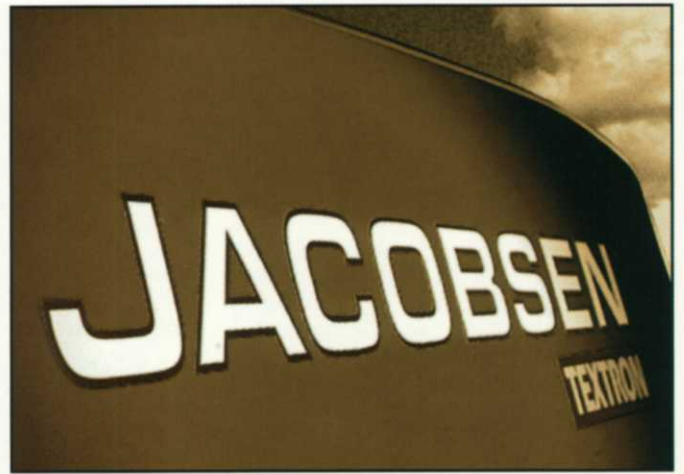
In the clubhouse is a room called the Polywog Room, named for the local women's group who founded the St. Petersburg Women's Open Golf Championship. The Greek prefix "poly" and "wog," the acronym for Women's Open Golf, constructs the name.

The event was one of the tournaments on the tour that later became the Ladies Professional Golf Association Tour. Legendary stories contend that famed area resident and lady golfer Babe Zaharias gathered colleagues in this room for some of the earliest organizational meetings for what is now the LPGA.

The Boom Era of Florida gave rise to many historic sites around the state, but perhaps none as eloquent as the Renaissance Vinoy Resort. It's nice to know that our new president is responsible for helping to preserve this landmark in time.



The 1925 Mediterranean Revival-style architecture of the Vinoy Renaissance Hotel is reflected in this unique window treatment. The hotel reopened in 1992 after a \$93 million dollar renovation and is listed on the National Register of Historic Places. Photo by Daniel Zelazek.



Four brands. One source.

Your Textron Turf Care And Specialty Products Dealer.

One source for the most consistent, precise mowers in the game. One source for the world's most popular, heavy-duty turf vehicles and finest aerators. One source for parts, service and certified mechanics. Cushman. Jacobsen. Ransomes. And Ryan. The top brands from one source. Which means one call or one trip is all you'll have to make – whatever your need. Rest assured, we're the ones who'll go the extra mile for you.

Tresca Turf & Tractor:

4827 Philips Hwy., Jacksonville, FL 32207
904-448-8070
3930 N. Orange Blossom Tr., Orlando, FL 32804
407-291-1717
www.tresca.com

Kilpatrick Turf Equipment:

7700 High Ridge Rd., Boynton Beach, FL 33426
561-533-1450
1620 Trade Center Way, Naples, FL 34109
941-594-1958
www.kilpatrickco.com

Golf Ventures:

15790-1A Chief Ct., Fort Myers, FL 33912
800-481-8911
2101 E. Edgewood Dr., Lakeland, FL 33803
800-330-8874
www.golf-venture.com



CUSHMAN JACOBSEN RANSOMES RYAN



The Changing Face of PDI

Editor's note: By now all Class A, B and C GCSAA members should have received a set of the revised PDI recommendations. (See the Meeting and Time line schedule at the end of this article.) This article shows some of the questions raised nationwide by PDI and the responses and changes implemented by the MSRG. The PDI issue was discussed at the FGCSA board meeting in August, and each chapter was asked to come to its own decision concerning the PDI and to take the consensus of the individual chapter to Lawrence for the September GCSAA Delegates meeting.

BY CHUCK BORMAN, CAROLINAS GCSA EXECUTIVE DIRECTOR
AND HANNES COMBEST, GCSAA DIRECTOR OF EDUCATION

The MSRG has struggled for almost three years with developing a classification system that will provide us a means to better market ourselves in the industry.

-BRUCE R WILLIAMS, CGCS
CHAIRMAN
Membership Standards Resource Group

As we have seen in the last two issues of *Carolinas Green*, the GCSAA Professional Development Initiative has generated much comment and debate within the association. This article will inform you of changes to PDI that have been recommended by a cross-committee meeting of the GCSAA's Education, Certification and Career Development committees in Lawrence on April 15-16.

Along with the above-mentioned committees, the Membership Standard Resources Group was in attendance to discuss the MSRG's proposal and the feedback received to date from members.

The 80 committee members present were asked to review, revise, and define the MSRG recommendations, define ongoing requirements and identify specific responsibilities for committees.

Bruce R. Williams, CGCS, chairman of the MSRG, led the two-day cross-committee meeting and began with a summary of the process the group was using in communicating this

information to members. By the time this group met, the MSRG had made more than 70 presentations and several themes were recurring as questions or comments: required formal education; mandatory use of HR Web; required validation of self-assessment; required pesticide license; a need for better definition of ongoing requirements; ensuring continuing education is affordable and accessible; and grandfathering issues, particularly relevant to Class C members.

During the next two days, each of these issues was thoroughly discussed.

According to Williams, the meeting was very productive.

"The MSRG has struggled for almost three years with developing a classification system that will provide us a means to better market ourselves in the industry. This meeting provided valuable feedback to the prototype we developed and I believe the final product will be much stronger because of it."

Following are the outcomes related to this meeting and these issues:

Formal education

Some members expressed that no formal education should be required or if one was required, an alternative path should be developed to give opportunities to those individuals who were not able to obtain a degree.

Outcome: the participants of the cross-committee meeting recommended that a two-year turf degree be required but that an alternative path to meet this requirement be developed. This alternative path should be stringent and should include continuing education, service and tenure.

Mandatory use of HR Web

This issue was raised in three ways during the presentations: 1) the security of the HR Web; 2) employers will misuse the information on the HR Web; 3) why should we mandate this tool. Some people during the presentations expressed the belief that the HR Web is not secure; that people will be able to obtain individual competency profiles without permission.

The author of the HR Web, Chris Bjorling, assured GCSAA that unless a member gives out their password, the HR Web is secure.

Williams said that the members of the MSRG believe the HR Web will help members communicate with their employers. However, that is and should remain a private decision. Williams noted that the issue really could be summarized into one question: should GCSAA mandate the use of this tool?

Outcome: the participants of the cross-committee meeting agreed that for all new and existing Class A members, the HR Web should not be required but should be encouraged. However, for new and existing members seeking certification, it should be required.

Required validation of your self-assessment

Jim DeMoux, a consultant from Franklin Covey explained that individual competency profiles should not be vali-

dated because of the difficulty in creating one test that would validate the skill levels of various individuals. He suggested that a better position would be to test how well an individual performs against an aggregate competency profile, similar to how certification exists now. The certification test is based upon a set of knowledge, skills and abilities that the certification committee believes a certified superintendent needs to know.

Outcome: the participants of the cross-committee meeting agreed that no assessment should be developed for new or existing Class A members, but that an assessment based upon the competencies outlined in the HR Web should be developed for members seeking certification.

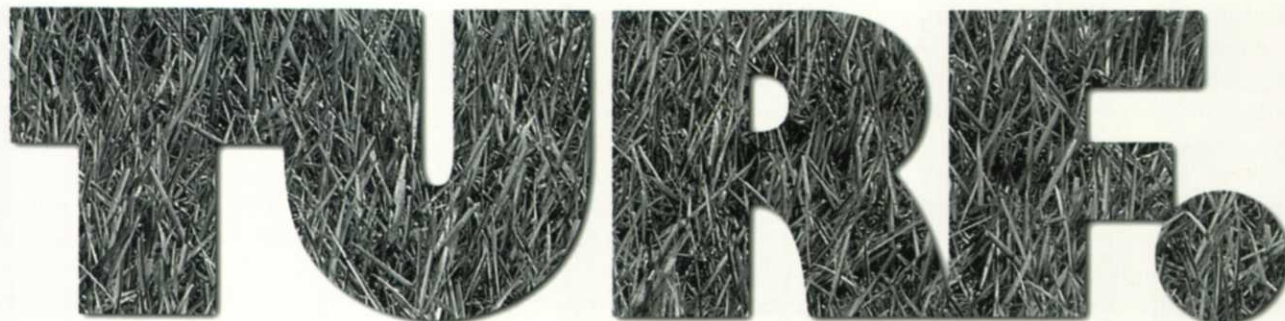
Required pesticide license

During the presentations, some people raised the issue of whether GCSAA should require a pesticide license. Some superintendents live in states or

PDI Time Line

- June 9-10, 2000- MSRG meeting
- July 15-16, 2000- Education, Membership, Certification meeting to review MSRG recommendations
- August 2-3, 2000- Board of Directors reviews all recommendations
- Mid-August, 2000- General mailing to all A, B and C's
- September 9-10, 2000- Chapter Delegates meeting
- October 24, 2000- Fall Board meeting to review all recommendations for action.
- November, 2000- By-laws meeting
- December 31, 2000- Members receive by-laws language
- February, 2001. Potential vote at conference in Dallas

TURN YOUR TURF INTO...



RegalCrown® plant growth stimulator with its three key plant growth hormones works so well, after only a few weeks, you'll be able to see the difference with your own eyes. Down in the root zone, there's a marked increase of additional roots to absorb nutrients and water. Roots grow

stronger, more vigorous! Above ground, the results are even more noticeable. Turfgrass grows into thicker, lush, healthier plants that are more resistant to turf diseases and stress. Just apply RegalCrown regularly, every two weeks or so. Such a

RegalCrown® small price to pay for such a BIG RESULT.

For BIG RESULTS of your own call 800.621.5208





countries where a license is not required. Some superintendents don't administer pesticides so they have no need to obtain a license.

Outcome: recommended requiring state pesticide license for class A and certified members or to have those individuals pass a GCSAA-developed test.

Ongoing requirements

The MSRSG supported ongoing requirements for both Class A members and certified superintendents which would require a combination of service and continuing education. No details had been recommended.

Outcome: members of the cross committee meeting supported ongoing requirements for Class A and certified members. They recommended that Class A members be required to obtain three points within a three-year renewal period. These points can be a combination of service points and continuing education points with a minimum of one education point.

Furthermore, they recommended that certified superintendents be required to obtain nine points within a three-year renewal period. These points can be a combination of service points and continuing education points with a minimum of three education points.

Committee members recommended that education provided by GCSAA, chapters and non-vendor turf organizations should be valued the same. All other education should be valued at half the equivalence of the turf organizations.

During the two-day meeting, several alternatives were discussed including, the Career Development System, a program proposed by Al Jansen, superintendent from Barbaroo County Club in Baraboo, Wis. Jansen's proposal integrates experience and education into a multilevel classification system.

Participants of the cross-committee indicated that they liked the simplicity of the system. However, they expressed concern relative to the lack of ongoing requirements and that the system was not tied to competencies.

The recommendations developed by the participants of the cross committee

meeting will be sent to the MSRSG and other appropriate committees (Certification and Membership) for further action.

48 Attend Reclaimed Water Seminar

Golf course superintendents from all over the state met at the Orlando Airport Marriott hotel July 28 for a GCSAA Regional Seminar on Reclaimed Water Irrigation presented by Dr. Ali Harivandi, a regular member of the GCSAA teaching faculty at national conferences.

Since water issues are becoming more important all the time and the likelihood of more use of reclaimed water becomes a reality, 48 superintendents were present to learn about the nuts and bolts of this alternate source of irrigation water. Some courses are converting to reclaimed water and some are being built only because they will be hooked up to a waste water plant.

Dr. Harivandi shared some to his key take-home messages from the presentation:

- Reclaimed water is not "bad." It is a great resource and in this day and age of growing water shortages we should be glad to have access to it.
- The water should be evaluated thoroughly so you know precisely what you're getting. No two municipality sources are the same and processing problems do happen. The water needs to be tested on a regular basis.
- There are many ways to deal with the challenges that accompany the use of waste water. The challenges can be overcome. You just have to know what they are and how to deal with each case.
- Agronomically, the most critical thing to know is the dissolved salt content of the water so counter measures and programs can be employed to combat sodium-related issues in the soil.
- Good training and education are a must for the staff and golfers alike., mostly to de-mystify the stigma attached to using waste water. You must make certain you know what the health-related issues



Dr. M. Ali Harivandi of the University of California Cooperative Extension Service recently presented a day long seminar on Reclaimed Water Irrigation to 48 FGCSA members in Orlando. Photo by Joel Jackson.

are just to be proactive about the subject. There haven't been any known problems so far.

• Supply and delivery issues need to be understood and worked out. Correct pump and pipe size engineering is necessary to take full advantage of this resource.

• Lakes and holding ponds may need aeration systems or treatments for algae growth from increased nutrient loading.

• Golf courses using reclaimed water provide a service to the community by disposing of and filtering the city's waste water and recharging the aquifer. This is a great public relations message and should be used.

• Politics and pricing are difficult issues. You may not have a choice. But when you do, do your homework on current costs, lake management, irrigation system modification. Then sit down with the course owners and utility company and figure out the cost and value. Reduce it down to a sound business decision.

Special thanks to Scott Jamros, Hawks Landing G.C. of the Central Florida GCSA and the GCSAA Education Department for organizing and providing this seminar.

JOEL JACKSON, CGCS

The State of the Association

Synopsis of CEO Report by Steve Mona

With continuing mergers and acquisitions in the industry, GCSAA is focusing on additional ways to add value, to maintain non-dues revenue growth.

Editor's Note: *I had heard Steve Mona give this message at the Publications Committee meeting in Lawrence and at the Harrell's Turf Academy this past June. This was the first time I came across a printed version, so it was easy to share with everyone.*

Our national PR campaign this year includes a series of video news releases to highlight the start of the golf season and to showcase the preparation for the U.S. Open Championship at Pebble Beach, featuring Ted Horton, CGCS.

We also have more than 100 airings of GCSAA's TV commercial booked on The Golf Channel, and are working on plans for our TV commercial for the John Deere Classic on CBS in July.

Our two-page image ad appeared in *Golf Magazine* and *Golf Digest*, reaching millions of golfers and golf enthusiasts with an example of what superintendents do to provide the best conditions possible. Infographs depicting the results of the 2000 Leadership Survey have appeared in *USA Today* and numerous other publications.

Fifty GCSAA-affiliated chapters have assigned First Tee liaisons to work with local First Tee chapters and facilities.

GCSAA also has 50 student chapters, and we will be working to improve the linkage between student chapters and the local affiliated chapters.

The first "Footsteps on the Green" scholarships will be funded by the Trans-Mississippi Golf Association. The scholarships are for golf course management students following in the footsteps of a GCSAA-member superintendent parent or grandparent. (GCSAA Legacy Awards are for children or grandchildren of GCSAA members who are seeking a degree and career in another field.)

Communications

Interviews with host superintendents for PGA Tour events are available on the Web via PGA Tour Radio's "Broadcast Booth." GCSAA's home page will offer links and more information about the interviews. Director of Communications Jeff Bollig has secured a commitment from the Senior PGA Tour to list host superintendents on Senior Tour event leader boards and involve them in various media activities. (The PGA Tour already involves the host superintendent in these ways.) Bollig also addressed a group of TV golf announcers at the Players Championship.

GCSAA News Weekly now has 11,000 subscribers and receives more than 80,000 hits per month. The online industry newsletter also received first place in the online publication division in the annual Turf and Ornamental Communicators Association competition.

GCSAA will be the presenting sponsor of the American Junior Golf Association national girls' championship, which will be played at Eagle Bend Golf Course in Lawrence, Kansas. GCSAA also will host an event at GCSAA headquarters for players, their parents and tournament officials. This is also the second year that GCSAA has supplied the paint for course marking for all AJGA events.

Corporate Marketing and Sales/ Conference and Show/Foundation

Better-than-expected advertising sales, exhibit sales and conference registrations generated significant extra revenues to support the association's programs and activities.

Golf Course Management continues to compete very favorably with newer publications aimed at golf course superintendents. With continuing mergers and acquisitions in the industry, GCSAA is focusing on additional ways



Education programs will be tracked with Thursday designated as Professional Development Day, Friday as Industry Day and Saturday as Agronomy Day. The new schedule will allow attendees to participate in the entire conference and show, leave on Sunday and be back at work on Monday.

to add value, to maintain non-dues revenue growth.

The 2001 Dallas conference and show will feature a new schedule, with the trade show running Thursday through Saturday.

Education programs will be tracked with Thursday designated as Professional Development Day, Friday as Industry Day and Saturday as Agronomy Day. The new schedule will allow attendees to participate in the entire conference and show, leave on Sunday and be back at work on Monday.

Staff also is working on logistics to help competitors in the San Antonio tournament get to Dallas in time for all the conference events. Information will be included in the registration packet.

Pledges to the "Investing in the Beauty of Golf" campaign have surpassed \$4 million. Many Senior PGA Tour players have agreed to donate their time for playing a round with successful bidders in cyber auctions to support The GCSAA Foundation.

Education

Ninety-one members participated in the April cross-committee meeting to review and improve the Professional Development Initiative proposal. Staff will be contacting the three chapters that have not scheduled a chapter meeting to learn about the proposal.

The GCSAA Chapter Leadership Institute is scheduled to begin with a two-day meeting in November.

Information Services

GCSAA's Washington, D.C.-based lobby firm has provided outstanding assistance in the areas of the Food Quality Protection Act and the Americans with Disabilities Act. The firm also is working on developing a golf course-specific manual regarding compliance with Occupational Safety and Health Administration regulations and standards. In addition to posting alerts on the GCSAA Web site when urgent state or local issues arise, government relations staff will begin sending e-mails to members in the area.

The information services committee is working on a mission statement and strategies to develop a more cohesive environmental program. Staff is working with USGA regional agronomists and university professors in anticipation of widespread drought conditions this summer to develop communications and materials to help members deal with concerns of employers and patrons.

Retired member Gordon Witteveen and golf writer Bob Labbanca are collaborating on the official history of the association, which will be published in conjunction with the association's 75th anniversary next year. A new mezzanine level for displaying elements of GCSAA's historical collection in GCSAA's headquarters lobby was scheduled to be completed by early September. GCSAA will continue to lend items to secure venues such as the World Golf Village and the World Golf Hall of Fame.

Pursell Technologies is interested in

developing a research program to monitor the environmental impact of golf course construction during the development of Pursell's new course in Alabama. The course is being designed by Michael Hurdzan, Ph.D.

Internet services

More than one-third of all GCSAA members are registered on GCSAA's Web site, including 35 percent of all superintendents and assistant superintendent members. GCSAA will be encouraging the 1,500 members who have provided e-mail addresses but have not already registered to do so in order to take advantage of content available to registered members only.

Publications

GCSAA received first place in the writing, use of photography and newsletter design categories in the annual Turf and Ornamental Communicators Association awards competition.

Golf Course Management has published 21 superintendent-written articles since July 1999. The magazine also is adding additional technical information to each issue, and is seeking opportunities to cover more limited-budget courses in stories and photography. A design consultant has been engaged to help improve the magazine's readability.

GCSAA will be testing an online version of *Newsline* to provide readers with a more interactive, functional publication. If the online version is adopted, all members will continue to receive the printed version unless they ask to discontinue it.

Executive management

GCSAA is continuing to monitor maintenance company activity, leadership changes in key industry clients and opportunities to partner in the development of technician training programs. I continue to serve on the Golf 20/20 executive board, The first Tee advisory committee and the National Golf Foundation board of directors.

REPRINTED WITH PERMISSION FROM
NORTH TEXAS NEWS



HERE. THERE. EVERYWHERE.

HOW'S THAT FOR APPLICATION GUIDELINES?



On greens. On tees. On fairways, roughs, flower beds, transplants — even in your divot mix. Milorganite delivers outstanding results for a uniform playing surface. No other fertilizer is easier on plants or simpler to use. Milorganite's slow release, organic nutrients won't burn or cause a flush of growth. Plus, it's high in micronutrients such as iron to promote dense, vigorous turf. And Milorganite resists leaching, for a sound environmental profile. So call your distributor today, or call Milorganite's turf professionals direct at **1-800-304-6204**. It's easy.





When the Natives Get Restless...



Native grass beds, sandy waste bunkers and natural areas may require less routine maintenance than traditional turf areas, nevertheless they do need attention or Mother Nature will take them over. Photo by Joel Jackson.

BY JOEL JACKSON, CGCS

The use of more natural areas or waste areas in modern golf course design makes sense and is the right thing to do in our environmentally sensitive times. These areas require fewer inputs of water, fertilizer and chemicals. More courses are also using native plants in the course landscaping plan for the same reasons.

While significant savings in labor, fuel, and equipment wear can be realized, going native or natural is not a free ride. They do require some maintenance or they can become a high profile weed patch.

The following articles contain information about native plant selection, impact on playing the game, and successful maintenance procedures to help you to manage your back to nature ventures.

CELEBRATION G.C.

Managing 'Natural' Cordgrass Beds

Designed with less turf and with the environment in mind, a lot of cordgrass beds are used on our course in out-of-play areas and as buffers around the lakes. We use a combination program of selective and nonselective herbicides to control the weeds that seem to love to inhabit these "natural" areas.

Our program is simple and fairly effective. We spray Round Up and Surflan along the edges of the beds to control volunteer weeds and creeping bermudagrass. By adding the Surflan we have prolonged the period between repeat applications. This tank mix is applied with a 25 gallon Lesco electric sprayer mounted in the bed of a

Jacobsen Hauler and runs off the Hauler's battery. The rate of 1 oz. of Round Up per gallon of water with 16 oz. of Surflan. Make sure you mix the Surflan either as a slurry or agitate with a hose when filling the tank since the tank does not have internal agitation.

When broadleaf weeds emerge deep in the bed interiors or in the native grass clumps an over-the-top application of 2,4-D will control most of the species. We like to use the large 200 gal. spray rig since we're covering more area and this avoids a lot of fill up trips to the shop. We use the label rate of 3 pints per 100 gal. rate for fence line and brush spraying. I don't use Surflan in this application since most of the plants are emerging from the grass clumps and not the soil. In both applications, surfactants are added or left out according to the label recommendations.

In the natural wetland areas the staff has to go in once a year and manually remove or prune back the primrose and wild willows that encroach into the aquatic plantings and overhang the bridges. The cordgrass beds were slow filling in this year due to the drought, but now that the rains have started, they have greened up spread out and helped to naturally prevent weed growth and encroachment.

JOHN DEMATTEO, CGCS

SHADOW WOOD CC

All Waste Areas Are Not Created Equal

First, all native grass beds, natural areas and waste areas are, in fact, considered waste areas. Under the rules of golf, you are allowed to ground your club in a waste area whereas in a sand trap, you are not.

Second, each area is a separate subject and an authorized area to be established on a golf course, i.e. grass beds, natural areas and waste areas. I will discuss our maintenance ideas for each type of feature mentioned.

Native grass beds

These are areas that do require a minimum of maintenance. If you use our native grasses, *Spartina bakeri* (sand

cordgrass) or *Muhlenbergia capillaris* (muhly grass), you will require a minimal amount of maintenance. Water is only required through the initial grow-in. During our season of golf, we will also pick Mexican Petunias for color and *Viburnum obovatum* 'walters'. These grow slowly and don't require much maintenance or irrigation. Golfers are required to play from these areas or incur a penalty stroke.

Natural areas

These are similar to native grass beds but these areas are already existing on the land when the course is developed. Rarely do you add any material in these areas. They require little to no maintenance or irrigation. Like native grass beds you are required to play from these areas or incur a penalty stroke.

Waste areas

We use No.131 gravel screenings from the local rock quarry for our waste areas. We also have added plant material in some locations of the waste area to add color and aesthetics to the course. They require little maintenance and irrigation. Golfers are required to play from them just as a fairway bunker. However you are allowed to ground your club in the waste area, but are not allowed to do so in a fairway bunker.

From a management concept, these are wonderful areas to have on your golf course. They offer natural beauty to your golf course if managed properly. These areas versus turf are no brainers. Put them on the courses. They reduce the area of turf that you need to mow, fertilize and maintain. The less wear and tear that you can put on your mowers means longer life for that piece of equipment. We have approximately 4 to 5 acres of these areas our golf course. Mowing and maintaining that much additional turf requires more man-hours, parts and service of the equipment.

In addition to less maintenance, these areas provide the homeowners with an natural ambiance and better habitat for wildlife in their community. Many of these areas are home to fox, rabbit, birds, squirrels and other wildlife. That's something you can't put a price tag on.

As far as the actual dollar savings, I can't

SPREADRITE, INC.

CUSTOM SPREADING
FERTILIZER • DOLOMITE • GYPSUM
ARAGONITE • HYCAL LIME

FAIRWAY TOP DRESSING

LAMAR SAPP
ART SAPP

6001 S.W. 19th STREET
PLANTATION, FL 33317
MOBILE: (561) 479-9417
MOBILE: (954) 383-4036

Upstart Products, Inc.

Performance Chemistry
For Aquatics & Turf

CASCADE PLUS
LIQUID OR GRANULAR

FHYTO-FOS
FAST RELEASE SYSTEMIC PHOSPHOROUS

AMINO ACID BIOFERTILIZERS

1 800 203 5629

Laserturf.
Setting the Standard

Laser Controlled Leveling
and Topdressing For:

Golf Tees
Sports Fields
Tennis & Croquet
Courts

Call Your Leveling Experts:

Dale Witting
Main Office

Ron Butler
Central Florida

Gary Clemmer
East Coast

Tom Mackanos
West Coast

Phone: 561-692-3771

Fax: 561-287-5427

Post Office Box 2179

Palm City, Fl 34991-7179



give you an exact amount. I know we obviously use less fertilizer, pesticides and irrigation water, which all cost money. Those savings can be better spent on the more important parts of the golf course to make sure your golfers get good playing conditions and a good value for their money spent.

MIKE ANDERSON
Landscape Specialist

COLLIER'S RESERVE

Some Like It Hot; Others Don't Care

Over the past seven years I have had a lot of experience with installing native plants at Collier's Reserve. Just like any other plant, natives need to be used in the right location so they will do well.

Some like it wetter, sunnier, drier, and some just don't care where you put them. My experience tells me the following native plants work very well in the right low-maintenance situations.

Saw palmetto is one of the plants that really seem to be able to take whatever you throw at them: wet, dry, sunny, shade. Just get them established and forget about them. The green variety seems to grow relatively slowly compared to the silver, especially if they are getting only a little water.

Muhlygrass is a great low-maintenance, clump-type grass that gets to 3½ feet if it is doing stellar. One of the great things about this plant is that it gets beautiful pink inflorescences in the fall. This grass can take it really dry, but doesn't do well in shade.

Wiregrass is another great low-maintenance grass, but is not readily available. It gets to be approximately 2 feet at jumbo size. It will take more shade than muhlygrass, but still loves the sun.

Wax Myrtle is a great plant when used correctly. Grows fast, gets pretty bushy, is a great wildlife attractor, but too often is used incorrectly. Wax myrtle, it needs water. All too often they are planted on berms or elevated areas with poor to no irrigation. These are plants that perform best in areas that get plenty of water. Not necessarily standing water, but a good drink.

Beautyberry — I really like this plant, and so does the wildlife that loves to eat the

berries. It is easy to propagate from young seedlings or cuttings. This bush gets large and thick and once established, is relatively maintenance free.

Cocoplum makes a great hedge, but is cold sensitive. It works well in sun or shade, wet or dry but not too arid.

At Collier's Reserve we have almost 130 acres of preserve areas on the project. To control the broadleaf weeds in the natives, we have found that light rates of 2,4-D can be sprayed with no effect on the plant material. We use 0.5 oz. to 1 oz. per 1000 sq. ft. with Surflan and Gallery combo to prevent them from coming back in two weeks. This treatment usually gets us three to four months of control in our cordgrass berms. As far as pesticides go, natives really don't have a big problem. The pines sometimes get tip borers in the summer, and the Coontie occasionally gets some scale.

Our cultural practices have taken a more unconventional approach in the fact that we try to burn most of our native areas. I have a Prescribed Fire Manager's license from the Florida Department of Agriculture, and we have been doing controlled burns for about four years now. In the areas that we are unable to burn, we hand prune. All of our native areas that are along the edges of the fairways are considered lateral hazards. I will say that if you play golf at Collier's, you had better bring some extra balls, because once it goes in — it rarely comes out.

I often get asked if the native areas save money, and the answer is undeniably yes. Natives use a lot less water, often have very little if any insect and disease issues, they grow on their own in an infertile environment — so they use a lot less fertilizer, they require very little manpower to maintain, and maintenance is required extremely infrequently. When you compare that to bermudagrass, I think that it is easy to see the cost savings.

BILL DAVIDSON, GCS

SEVEN RIVERS G&CC

Natural Areas Serve Several Functions

Yesterday's meeting of the Southwest Florida Water Management District's

Green Industry Advisory Committee plays right into the message being delivered in this Hands-On topic.

Natural areas play several roles on a golf course for me and I have different forms of natural areas.

Some of these areas once were irrigated and through the installation of part-circle heads and actually removing a few more, we have been able to reduce water consumption to a small degree. It becomes a matter of educating your membership why these areas are beneficial

1. Untouched areas: They provide areas for wildlife. Areas once maintained, not for play but just because-it's-grass-and-therefore-we-must-mow-them, have been allowed to return to nature, so to speak.

These areas consist of a couple of brush piles in low visibility areas which have been allowed to become overgrown with vegetation and a few open, out-of-the-way grassy areas. The red shoulder hawks love this area and frequently come away with a meal consisting of mice, snakes etc.

2. Pine straw areas: They require little maintenance, look nice and are actually playable once the straw has been packed down. A little Round-Up and Surflan combination may be needed to keep edges clean and weeds from popping up.

I plan at some time in the near future to create bunker-type areas around large oak trees and use coquina shell as the backfill. Gainesville C.C. has these areas and they solve the age-old problem of lousy turf under big, shady trees.

I find these types of areas an excellent opportunity to decrease maintenance to a degree and to conserve water. These areas do not need to be irrigated though they may have been at one time. Water is going to get scarce for landscape and golf course irrigation as growth and development continues.

You can conserve your current water allocations and redirect them to critical areas on the course by using more natural and native areas on your course.

STUART BOZEMAN, GCS

Lower your handicap.



Crabgrass

Oxalis

Goosegrass

Spurge

For every weed your preemergent fails to prevent, you take the penalty. The time and money to spot treat—plus strokes against your reputation. That's why you need the unbeatable performance of PRE-M®.

PRE-M herbicide consistently gives you more reliable, overall preemergent control of crabgrass, goosegrass, oxalis, spurge and many other broadleaf and grassy weeds than less proven, more expensive products. University trials prove it again and again.

Superior performance made PRE-M the leading* preemergent herbicide. Superior value widens the gap. In other words, PRE-M is everything you'd expect from LESCO®, the leading supplier in the professional turf care industry.

Ask your LESCO professional or call 1-800-321-5325 to learn how you can earn generous rebates for your PRE-M purchases. Get behind the leading edge.

LESCO®

*Source: Kline & Company report, US Acre Treatments by Turf Management.

Always read and follow label directions. ©1999 PRE-M® and LESCO® are registered trademarks of LESCO, Inc.

PRE-M®
The Leading Edge.



Everything Comes Naturally Down On The Farm

In the last issue, I passed on some employee motivational tips I picked up on visit to The Farm Golf Club in Dalton, Ga. where Tim Kennelly, CGCS has been employed for six years.

The tour of the golf course also netted a few good ideas.

At the first stop we made, Kennelly showed us a golf car traffic control device that his staff constructed in house. With a name like "The Farm", it is easy to understand that the owner was not a proponent of a lot of artificial golf course accessories such as rope and stakes or signs.

However, Kennelly knows that something is needed to prevent the damage that excessive golf car traffic can create. Therefore, he designed a natural-looking solution that is effective and blends in with the theme of the club. The wood that is used for the barrier is pressure-treated fence rails, purchased locally at a builder's supply outlet. The "X" that supports the rails is material cut from one of the rails and secured with galvanized screws to hold it in place. Once

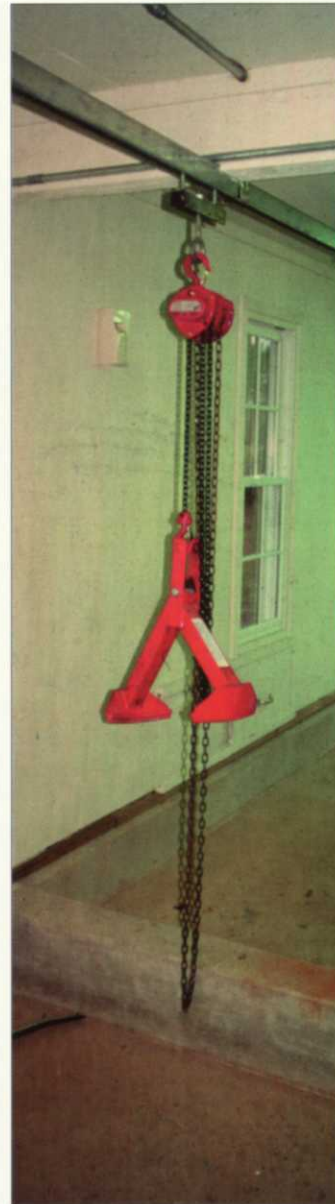


Natural-looking cart controls.

in the field, the long rails are just laid on the "X" from both directions. Kennelly remarked, "When new cart blocks are built, they look new, but over time they weather and take on that natural, aged appearance."

The grounds management facility tour and the golf course ride both had produced good ideas so it came as no surprise that our inspection of the irrigation pump station produced another "Super Tip."

Kennelly has several large poly tanks inside his pump station that are used to store fertigation material. He prefers to mix some of this material from 55-gallon drum products. The biggest problem with this was the obstruction created by the containment wall that was installed to separate the tanks from the pump station and the wet well. It created a potential safety issue for the employees that would lift the heavy barrels over this wall. Kennelly's solution to this was to hang a drum lifter with a manual chain hoist that enables a staff member to safely lift the material up an over the concrete divider wall.



*Darren J. Davis
Olde Florida Golf Club 55-gallon drum lifter*

Tifton Physical Soil Testing Laboratory, Inc.

Accredited by the American Association for Laboratory Accreditation (A2LA)

Specializing in:

- Testing All Materials for USGA Golf Green Construction.
- Developing Putting Green Rootzone Mixtures that meet USGA Specifications.
- Recommending Topdressing and Bunker (Trap) Sands that meet USGA Specifications.
- Developing Sportsturf Rootzone Mixes with Optimum Physical Properties for Athletic Fields.



1412 Murray Avenue
Tifton, Georgia 31794

www.tiftonsollab.com

T. Powell Gaines
(912) 382-7292



Golf Course Environmental Compliance, Safety, and Security Starts With Safety Storage

Safety Storage pioneered the prefabricated, relocatable steel building for the safe storage, handling, and use of chemicals and hazardous materials in 1982, and has been providing professional hazmat solutions to golf courses ever since.

It starts with our knowledge of golf course pesticides, insecticides, herbicides and other chemicals and extends to our wide range of buildings, structures, and spill containment products designed for maximum safety and compliance, while keeping your liability to a minimum.



Safety Storage prefabricated, weatherproof, relocatable buildings are available in a wide variety of sizes and storage capacities.

Standard buildings are available in a wide range of sizes from 11 to 600 sq. ft. of floor space. Both small and large quantities of pesticides and other chemicals are safely contained in one building.

Safety Storage buildings comply with EPA, OSHA, federal, state and local regulations. They also comply with national fire, electrical and building codes.

Environmental controls and accessories are available to meet special needs such as fire suppression systems, audible and visual alarms, ventilation systems, shelving, heating and air conditioning.



Building equipped with shelving for storage of bottles, cans, buckets, bags, and boxes of chemicals and other materials.

NEW TURNKEY WASHWATER TREATMENT SYSTEM, STRUCTURE, AND RINSATE COLLECTION PAD

Wash and clean pesticide and fertilizer spray equipment, mowers, golf carts, and other golf course equipment while eliminating hazardous wastewater discharge and avoiding groundwater contamination.



The Turnkey Washwater Treatment System is an above ground, closed-loop, self-contained unit with zero discharge.

This self-contained, above-ground system captures washwater runoff at a drive-on rinsate pad for recycling back to the treatment unit.

The closed-loop, zero discharge treatment unit removes pesticides, insecticides, herbicides, soil, oil, fuels, solvents, hydrocarbons, and other contaminants from the recycled washwater. Clean water is returned to the rinsate pad at a rate of up to 30 gpm.

Both building and pad are constructed of impermeable steel, avoiding groundwater contamination that can result with cracked or porous concrete.

Lets you meet regulatory requirements while

eliminating sewer discharge fees and permitting fees. Stops algae build-up and potential fish kills in ponds from washback runoff.



The Turnkey Washwater Treatment System is an above ground, closed-loop, self-contained unit with zero discharge

GSA Contract No. GS-28F-1099C

Call toll free: 1-800-344-6539

...Professional pesticide storage solutions.



SAFETY STORAGE, INC.

2301 Bert Drive, Hollister, CA 95023

Phone: (831)637-5955 • Fax: (831)637-7405

E-mail: info@safetystorage.com

Web: www.safetystorage.com



FTGA Conference and Show Draws Nearly 1200 to New UF Hotel & Conference Center

Santella Becomes First Woman to Lead State's Umbrella Turf Group

The Florida Turfgrass Association held its 2000 Conference and Show in Gainesville Aug. 14-16 for the second year in a row. The new University of Florida Hotel and Conference Center located near campus served as conference headquarters and is an excellent venue for future meetings and educational sessions. The friendly staff and comfortable surroundings made an excellent place for conference attendees to meet and network.

Meanwhile, the Florida Gymnasium Building across the street from the O'Connell Center had excellent facilities for 650 people attending workshops and concurrent sessions over the three-day event. Over 300 attended the traditional conference-opening Toro Corn Boil Aug. 14 at the Touchdown Terrace at Ben Hill Griffin Stadium.

At the FTGA business meeting and awards luncheon on Aug. 15. Over 120 people witnessed the history-making swearing-in of the FTGA's first woman president, Erica Santella. Santella is a regional manager with TruGreen-ChemLawn and has been very involved in government affairs issues since coming onto the FTGA board. The other officers elected for the year are Vice President Alan Puckett, golf course superintendent at the Eaglebrooke G. C. in Lakeland and Secretary/Treasurer Ray Carruthers, consultant for Emerald Island/South Florida Turf Companies.

Newly elected or reelected directors were Tom Alex, Jan Beljan, David Robinson, Barry Troutman and Tom Wells.

During the awards ceremonies, scholarships and fellowships were handed out to eight turf students enrolled either at Lake City Community College or at the University of Florida. Following those



New FTGA officers from the left: Secretary/Treasurer Ray Caruthers, Emerald Island/South Florida Turf Companies; President Erica Santella, TruGreen-ChemLawn; and Vice President Alan Puckett, Eaglebrooke CC. Photo by Steve Pearson.



A couple of FTGA past presidents share the podium as Gerry Millholen (96) presents Michael J. McLaughlin (90) with the 2000 FTGA Wreath of Grass award for his service to the association. Photo by Steve Pearson.

**30 superintendents
attended a GCSAA
Leadership Series
seminar on team
building techniques
presented by Gerry
Sweda, a long time
GCSAA faculty member
and a former
superintendent.**

presentations, Mike McLaughlin was presented the FTGA's Wreath of Grass Award by his old friend, Gerry Millholen.

Golf course superintendents in attendance took advantage of several educational opportunities designed especially for them. On Tuesday, 30 superintendents attended a GCSAA Leadership Series seminar on Team Building Techniques presented by Gerry Sweda, a long time GCSAA faculty member who is also a former superintendent and now owns his own training and development company. On Wednesday, three speakers made presentations for the Golf Concurrent Session:

- Florida Fertilizer and Agrichemical Association President Mary Hartney spoke on Crisis Management Planning and Communications. Hartney reminded the group that it's better to have a communication plan ahead of time instead of trying to react when a crisis happens and the TV cameras are rolling.

- Gary Grigg, CGCS/MG compared and contrasted the USGA green construction versus the California Sand Green method. Citing the need to adhere to the specific materials specifications, Grigg told attendees the biggest failure with both of these greens is that they often are not built properly and so the research data and management recommendations don't work because of the short cuts made in the construction phase.

2000 Florida Plants of the Year - Part 4

Editors Note: Last in the 2000 series. The Florida Plants of the Year program was launched in 1998 and has been beneficial to both consumers and growers. Purchasers are introduced to under-utilized but proven Florida plant material. The plants are chosen each year by a committee of horticulturists, nurserymen, educators, landscape architects and other members of the horticulture industry representing Central, North and South Florida.

COMMON NAME: Yellow Barleria

BOTANICAL NAME: Barleria micans
HARDINESS: Zones 10-11
MATURE HEIGHT AND SPREAD: 4-5 feet tall and wide
CLASSIFICATION: Landscape shrub
LANDSCAPE USE: Mass planting or specimen in light shade
CHARACTERISTICS: Terminal spikes of pale yellow blooms



This herbaceous plant forms a dense multi-branched shrub with clear yellow flowers at the top of each shoot. The rounded bush blooms almost year round. The tropical to subtropical shrub grows best with a steady water supply and ample fertilizer. Bed preparation for the landscape requires rich soil with high organic content.

COMMON NAME: Ficus Midnight

BOTANICAL NAME: Ficus benjamina 'Midnight'
HARDINESS: Low to medium light
MATURE HEIGHT X SPREAD: At one year old the plant is 12-14 inches high and 8-10 inches wide
CLASSIFICATION: Ornamental foliage plant
INTERIOR/LANDSCAPE USE: Specimen plant for interiorscape; 6 inch pots of 'Midnight' can be used as ground covers



CHARACTERISTICS: This cultivar has very thick extremely dark blue-black leaves. This ficus has proven to be a fast grower with an upright bushy, compact growth habit. The leaves are very thick and the overall appearance of the plant is one of extreme health and vigor. 'Midnight' is capable of growing under lower light and water conditions than ficus of the past.

- Dr. Laurie Trenholm discussed the qualities of the new "wonder grass" sea-shore paspalum. Describing its unique ability to tolerate high saline conditions, Dr. Trenholm reminded everyone that this grass may have great applications in coastal areas, but may not be for everyone.

The FTGA Trade Show this year began on Tuesday evening with the Grand Open-

ing and Open House reception for the attendees. It was a nice relaxing way to grab a bite to eat and wander the trade show floor at the end of a busy day of classes. Reaction seemed very positive to this new format and the complimentary food and refreshments were appreciated by all. Early numbers indicate nearly 1200 attended the conference and show this year.

JOEL JACKSON, CGCS



Harrell's Turf Academy Draws Good Crowd

In its annual show of appreciation to its customers, the Harrell's Fertilizer Company hosted its Seventh Annual Turf Academy at the Westin Innisbrook Resort in Tarpon Springs June 7-8.

Harrell's put on quite a jam-packed day-and-a-half event with golf, education, keynote speakers, a mini-trade show, meals and a hotel room all for a measly \$20 registration fee guarantee. To top that, Harrell's matched the registration fees paid and then rounded it off to make a \$7,000 donation to the FTGA Research Foundation.

Golf was first as 312 attendees teed it up Wednesday in either a scramble tournament on the Island Course or the stroke-play competition on the Copperhead Course. That evening at the awards banquet, keynote speaker, former Florida Supreme Court Chief Justice Stephen H. Grimes gave a thought-provoking address, "Is There Any Justice?"

His talk highlighted several cases that came before the court and the thinking that went into the decisions.

The next day was Academy Day and eight speakers from academia and industry discussed:

- Overseeding Turfgrass Varieties for the Southeast: Their Development and Use by Steve Johnson, Iowa State University, Cebeco International Seeds - The constant search for grasses to meet the needs of various geographic regions with emphasis on season durability but easier transitions.

- Nutrient Fate & Utilization: An Environmental Perspective by Dr. Jeff Higgins, Auburn University, Pursell Technologies, Inc. - The nitrate regulations are coming. We need more factual documentation on what's happening to nitrogen in the environment.

- Innovations in Mole Cricket & Grub Control, by Dr. John Paige, III, Texas A&M, Bayer Corporation. - Research seeks the weak link in an insect's life cycle and exploit it with chemical controls. Pesticide users must learn to moni-



Turf Academy host Jack Harrell, Jr., left, poses along side a David Pursell drawing of Payne Stewart with GCSAA CEO Steve Mona who gave a "State of the GCSAA 2000" keynote address at the event held June 7-8 at the Westin Innisbrook Resort. Photo by Joel Jackson.

tor those life cycles to take biological and economical advantage of those weak links.

- Is Your Turf Getting Its Daily Requirement of Oxygen? by Larry Lennert, U. of Wisconsin, Profile Products LLC. - Oxygen is the key component of photosynthesis. Make sure your soils have the quantity and quality they need.

- Golf Course Ornamental Disease Control and Fungicide Update by Dr. Deborah Meier, U. of Arkansas, Zeneca Professional Products.

- Adjuvant Selection and the Impact on Pesticide Efficacy by James D. Reiss, Illinois State University, Precision Laboratories, Inc. - No one adjuvant or surfactant does it all. There are various products for different needs. Read the label. Know your target and the goal you need to achieve to make the chemical more effective.

- Fire Ant and Mole Cricket Control: Five-year Performance Data by Dr. Ken Kukorowski U. of Wisconsin-Madison, Aventis Environmental Science (Chipco) - Low-dose insecticides are gaining favor with EPA. Life cycles of insects are not as critical as before. Clean Water Act may

require more precision application with drop spreaders and setbacks from water bodies.

- Soil and Plant Nutrition Through Organic Fertility by Steve Thomas, U. of Kentucky, Nature Safe - Synthetic nitrogen fertilizers were born in the bomb factories of World War II. We needed to have a way to use leftover nitrate materials.

By using synthetics we quit putting organics into the soil as often as we used to. Carbon is now the missing link. Carbon is the microbes' food. Microbes help make a healthier soil.

After the education program was finished, GCSAA CEO Steve Mona was the featured luncheon speaker, focusing on the state of the association. Highlight's of Mona's presentation can be found in the Professional Development section of this issue.

To wrap up the two-day event, Dr. John Cisar chaired a panel of experts to field any questions from the audience on any topic. Following that discussion, the event was adjourned and CEU and pesticide license forms were handed out and class was dismissed.

**Remember the days
when fertilizer
was made
from
scratch?**

**It
still
is.**



1-800-282-8007

Custom formulated fertilizer for golf courses throughout the world.



Turf BMPs

The First Steps Begin in Gainesville

Editor's note: Best Management Practices or BMPs is a buzzword just like Integrated Pest Management, better known as IPM. While IPM has gained some recognition and acceptance in the green industry's battle with environmental groups and regulators, BMPs have largely been ignored... until now. With non-point source pollution and TMDL regulations being discussed and implemented, BMPs may be the only way for the green industry to carry out its business and meet the letter of the law. FTGA President Erica Santella has been sitting on Nitrate Working Group meetings and keeping up to date on proposed and enacted local ordinances dealing with fertilizer use. While golf is not mentioned specifically in this article, it doesn't take a rocket scientist to know that fertilizer regulations will impact golf courses as well as home lawns in a watershed basin. Can you live with proposed turf BMPs outlined by IFAS researchers John Cisar and George Snyder? Better pay attention, study the recommendations and determine if they will work for your situation.

BY ERICA MARIE SANTELLA

President

Florida Turfgrass Association

On July 7, a meeting in Gainesville was the first step to writing urban turf Best Management Practices (BMPs), which will be a giant force in improving the status of the lawn care industry in the eyes of regulators, legislators, and the public.

Working with the Florida Department of Agriculture and Consumer Sciences, Department of Environmental Protection, five water management districts, the University of Florida and IFAS, the industry will develop BMPs to protect itself and make the public more aware of our professionalism and commitment to protecting the environment. The BMPs submitted to the state are a good

starting point, and Steve Dwinell of DACS was scheduled to host the next meeting in September.

While having DEP-endorsed BMPs will not prevent local governments from initiating ordinances, it will give our industry leverage and confidence to show that further regulations are not needed. The green service industry will have to work hard not only to develop BMPs, but provide technician training, and have a public outreach campaign to stress the need for following BMPs for growing strong and healthy turfgrass.

Dr. Terril Nell, chair of the UF environmental sciences department, hosted the meeting, and the industry appreciates his hospitality. In Gainesville, the following agencies were represented: St. Johns Water Management District,

FDACS, DEP, South Florida Water Management District, Suwanee River Water Management District, Florida Extension Service, and IFAS.

Professional association involvement included Florida Nursery Growers Association, Certified Pest Control Operators of Florida, Florida Pest Control Association, SW Florida Certified Pest Control Operators, and Florida Turfgrass Association. Lesco and TradeMark representatives were also present. Through the use of teleconferencing, close to a dozen people in Ft. Lauderdale were able to attend.

Dr. Nell stressed the need for open discussion, and is enthusiastic about working with the industry on developing turf BMPs. Dr. Brian Unruh, who heads the UF turfgrass program at the West Florida REC in Milton, then related a brief history of the Turf Design Team, which was created four years ago. It has 20 faculty members, and cuts across six departments and four locations.

We learned that all publications go through a review every three years, and many of them are long overdue, including Florida Yards & Neighborhood. He mentioned the nutrient subcommittee, chaired by Dr. Laurie Trenholm, which reviews publications and ensures that recommendations are in line with each other. The subcommittee met with the commercial applicators in March, after the Gainesville Field Day.

FYN is the largest-selling publication, and Dr. Unruh discussed its inception. In the early 1980s, xeriscape was a (trademarked) term formed in Colorado. It focused only on water management. Both FYN and Environmental Landscape Management (ELM) are low-input alternatives to traditional lawn and landscape care.

FYN is funded by a grant to Sarasota Bay and is a model that the EPA is looking at. Dr. Unruh felt strongly that FYN and ELM are low-input options, which led to a discussion of the issue of turf quality, and that the turf industry works to manage turf with as low input as possible, since fertilizers and chemicals are not inexpensive.

Dr. Trenholm then handed out the

IFAS fertilizer rate recommendations. The rates provided are for landscape turf only, not golf courses. The largest landscape turf in Florida by far is St. Augustinegrass, with 75 percent of the acreage. Even if zoysiagrass is only 1 percent of the acreage however, this converts to 20,000 acres. The state was broken into three zones: Northern (down to the Ocala area), Central (to Vero Beach and across to Tampa), and Southern. Rates varied for the three zones, and a range was provided for each species. This sheet will be a part of the discussion of overall turf BMPs.

Next up were Steve Dwinell with DACS, and Mike Thomas, a professional engineer with Department of Environmental Protection. Dwinell stated that BMPs are broad and general, but there is a standard procedure. BMPs are adopted by rule, and provide agricultural industries with relief from water-quality regulations. The philosophy now is to *manage* uses, instead of *restrict* uses (along with fines). Both on a federal and state level, agencies are moving away from regulation.

Three Florida laws provide for adoption of BMPs

1. Agriculture, Chapter 597, which does not apply to the greens service industry.

2. Chapter 576, the Fertilizer law, which has provisions for making property holders exempt from ground water quality. The phrase "property holders" is important, since in the service industry, that means our customers.

3. Chapter 403, which appears to be where our industry falls. There is a section for agricultural non-point issues, which DACS works with. Another section deals with the non-agriculture segment, which works on a basin concept, which DEP administers. The basin concept takes into consideration geographic areas, rivers, bays, etc. While the title "nonagricultural" may seem to deal with urban turf, that was not the intent. For interested parties, Chapter 120 tells specially how a rule is adopted.

Currently, no nonagricultural, non-point, DEP rules have been adopted. DEP just took over this area about a year

ago. The intent behind Chapter 403 is this: if an industry is properly practicing its BMPs, then the onus of any water quality failures are on the state agency, not the land holder. Allocation is the basis of all of these rules. For example, if nitrates are shown to be the biggest problem, that is what is worked on first. The goal is to find out where the problem is coming from and how to stop it.

This started a side discussion of the number of basins in the state. The answer was, "it depends." There are really three big basins in the US: the two oceans and the Gulf of Mexico. However, they are untimely broken down into hundreds of basins. BMPs are typically developed for relatively big basins, such as Okeechobee, and St. Johns.

Total Maximum Daily Loads (TMDL) were briefly brought up. TMDLs will be established for each element of impairment, such as nitrates, phosphorus, and pesticides. One set of BMPs could cover all of these impairments, which is the direction the industry wants to move our BMPs.

As those of you who are working with the South Florida Water Management District know, some basins are on a fast track for improvement. The C-11 canal in Broward County has a target date they must meet, or face legal consequences.

A question from industry was, "By adopting BMPs, will the industry be immune from local regulation?"

The question we were all waiting for! The answer is, "No, not direct relief from local regulations. A county, city, municipality, could still implement an ordinance or law."

However, by having BMPs which are endorsed (a technical term) by the state, the industry certainly will have a large degree of credibility when working with local regulators. The leverage and confidence our industry stands to gain is tremendous. So from a practical matter, having industry-developed BMPs will be critical to preventing unnecessary and burdensome ordinances attempting to regulate our industry.

Mike Thomas with DEP suggested that we also need to get our BMPs recognized by DEP, although they would not

be adopted by rule. Remember that rule adoption protects the landholder, not the industry. The industry would be extremely proactive and taking the moral high ground by going through the hard work of developing our own BMPs.

Thomas gave an example of how another industry worked to get its BMPs adopted. It involved blended fertilizer plants, and how in the late 1980s, many of these sites were recognized as having tremendous nutrient runoff problems. DEP, DACS and the Tennessee Valley Authority worked with the Florida Fertilizer and Agricultural Chemical Association to come up with BMPs. The secretary of state at the time said that the BMP plan looked good, and the industry adopted the BMPs.

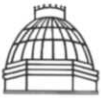
Thomas came on board in 1993, and one of his first projects was to determine how well these BMPs were working in the field. He went to 30 sites around the state, and found a whole range of progress and lack of progress. Where there was good management, understanding, and capital behind them, the BMPs worked.

Some locations had the desire, but not the money or understanding. For example, one location simply paved the surface around their plant, and just moved runoff from one place to another.

Without exception, Ben Hill Griffin's plant in Frostproof was the best plant in the state.

Another problem was that some businesses were not members of the FFACA and were not even aware of the BMP manual for fertilizer plants. Thomas went back to the professional association and worked on not only improving the BMP manual, but also involving nonmembers. FFACA went outside its membership and got everyone up to speed.

FFACA had an Education Outreach Program and hit over 90 percent of the plants. In 1997, a Memorandum of Agreement was signed. This fits in perfectly with our plans of technician training, and working with those currently outside of any professional associations. Remember, that as an industry, we are often judged on the weakest person out there.



The cattlemen are working on their own BMPs, and their goal is to get a letter of endorsement from DEP. Our BMPs would not be formally adopted, but this does not mean that they would not have supreme importance. Imagine the strength in the statement that our industry has Best Management Practices that its members endorse and use. Who would want to use a company not involved in this process? There was a question as to whether BMPs were ever a detriment, or had backfired on an industry. The answer from DACS and DEP both, was a resounding, "No!"

BMPs are not written overnight. They have to be verifiable and need backup. Mark Jennings with the Department of Water Policy, discussed the aquaculture industry.

It is a very diverse group, with food fish, tropical fish, plants, clams, and more. They were divided into commodity groups, and both broad and specific BMPs were developed by the industry. It took time and energy from the industry to accomplish this large task. To reemphasize, BMPs would not give the turf service industry legislative relief, but would give us leverage and credibility. If there is nothing in place, a local regulator would justifiably ask, "Who are you?"

Next we moved onto the definition of BMPs, since there are several. There are Rule BMPs, which are formally adopted and are performance based, and the older, informal based BMPs. "Verification" also has different definitions, depending on the agency involved. Thomas told the group that

DEP is moving somewhat towards Best Professional Judgment, as opposed to monitoring and testing.

Several representatives from water management districts spoke next. Jay Yingling with the Southwest Florida Water Management District felt that the springs and karst areas should be dealt with differently. He also mentioned the Nitrate Remediation Working Group, and the tremendous amount of overlap that occurs in many of these groups.

He also discussed the TMDL, and that the drinking water standard for some nutrients may not be adequate for ecosystems. For example, the drinking water standard for nitrites is 10 ppm, yet flora and fauna are affected a lesser levels.

The industry was next to speak, and the industry is excited about developing its own BMPs. Our professional associations have a lot to offer, not only from input standpoint, but public outreach, and technician training.

Copies of our BMPs were distributed, and briefly reviewed. Dwinell would like to see more numbers: rates, recommendations, etc. These can be references to university publications, as in "See the most recent IFAS Turf recommendations for specific products." This leaves room for professional judgment, while still offering specifics.

One agency representative felt that the document was lacking in irrigation information. The industry is well aware of the part that irrigation plays in plant growth and nutrient movement, and

couldn't agree more! One problem has always been the lack of regulation on installing, maintaining, monitoring and running irrigation systems. It is a very difficult issue for the industry, and has tremendous impact on the amount of inputs required to maintain a Florida lawn.

Bill Donovan with the South Florida Water Management District spoke on general guidelines for BMPs they are looking for, and how soil testing works into their district. He stressed the value of being proactive.

The final segment was on the difference between quality and inputs, and the importance of homeowner education. The green service industry is involved now, and will continue to develop its own BMPs along with the assistance of various agencies. DACS was slated to host the next meeting Sept. 13 in Orlando.

We had a very productive meeting. The industry is ready to develop BMPs and gain credibility, confidence, and leverage. It will not be a quick process, and will involve a tremendous amount of work from the associations and allied members. Education will play a key role. We are taking a proactive role, which will come from a regulatory, legislative, and public relations standpoint.

As a final note, I would like to thank personally Gene Yeady for his role in getting this wide divergence of participants together. Without his hard work and persistence, this meeting would not have happened. We all owe Yeady a debt of gratitude.

Dry Fertilizer
Bulk Liquid Fertilizer

Office: 954-741-4041
Fax: 954-741-4082



GREEN-WAY

Quality Turf Products
We Specialize in Keeping you GREEN

MANGA PLEX PLUS • ULTRA - GREEN • BIO-PLEX

10008 N.W. 53rd Street • Sunrise, Florida 33351

EARNING YOUR RESPECT



Advanced Products Reliable Service

Golf course irrigation is a new game of sophisticated products and advanced technologies. At Century Rain Aid, we are proud to represent Hunter Golf, the leader in innovative control systems and manufacturer of the world's best-selling rotors. Century Golf professionals can show you how Hunter's complete line of irrigation products, including new Vista software with automated programming and real-world visual control, can help save water, labor and energy costs.



Our golf team can also assist with a wide range of services essential to golf courses: controller board repairs (toll free: 888-855-9132), fountains, pumps, landscape lighting and more. Call today for a free Century Golf Course Supplies Catalog or on-site consultation: **800-642-3706**.

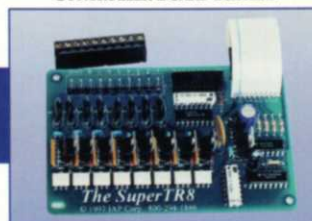
CENTURY RAIN AID

More Than 130 Branches Coast to Coast
www.rainaid.com • email: rainaid@rainaid.com


SyncroFlo, Inc.
SYNCROFLO EAGLE PUMPS



BoardTronics Inc.
CONTROLLER BOARD REPAIRS




AQUA MASTER FOUNTAINS





Audubon Cooperative Sanctuary Program

Florida Leads the Nation! ... and we have a long way to go

Sometimes you may think you are doing all the right things for the environment, but are you sure? Audubon International has a tool that can help you evaluate your stewardship score. Photo by Joel Jackson.

Florida makes up 9.2 percent of membership in ACSP for golf courses.

We lead the country in fully certified golf courses with 33. Illinois is the next with 18, with New York and New Jersey behind them with 12 each

Editor's note: We welcome Shelly Foy back to the pages of The Florida Green after a too long absence and look forward to hearing the good news about what our members are doing to showcase the positive aspects of golf and the environment. Shelly, you're on!

BY SHELLY FOY

*Florida ACSP Coordinator
USGA Green Section*

After the longest maternity leave in history (or so I have been told), I'm back and ready to work on environmental stewardship in Florida.

Perhaps it was the guilt I felt every time I saw Joel and had to say, "I'll write something for the next issue." Or maybe it was my husband constantly saying, "It's time to get back into your Audubon stuff." Or maybe it was superintendents telling me they were just waiting on me to help them.

Just between you and me, I think it was a little bit of all of those things, and more than a little of Thomas reaching the "terrible twos" and me needing a little break before I lost my mind. Regardless, I am ready to start preaching again, as my friend Greg Plotner calls my urging people to get off their duffs and work on their Audubon programs.

As an avid believer in the Audubon program as a means to strengthen environmental programs on golf courses and promote stewardship efforts of superintendents, I'm once again available for site visits, writing articles, or generally harassing you on a regular basis to get you started. I can be reached at 561-546-2620 or sfoy@usga.org.

This column will be about superintendents and the environmental programs they are working on, as well as environmental topics of interest from around the country. So let me know

what you have been doing since my disappearance into mommy land. I'll be sure to brag on your efforts, and I promise to be around for a long time nudging, preaching, using guilt, and generally arm-twisting you all into doing your best to promote and protect environmental quality on golf courses.

There are currently a total of 2177 golf courses across the country in the program. So, Florida makes up 9.2 percent of membership in ACSP for golf courses. We lead the country in fully certified golf courses with 33. Illinois is the next with 18, with New York and New Jersey behind them with 12 each. So we have a lot to be proud of... and a long way to go my friends.

Congratulations to Quail Ridge Country Club in Boynton Beach, which became our newest certified Audubon Cooperative Sanctuary Aug. 24. Check out the ACSP sidebar in this article for the names of the newest members of the program.

Managed Lands Survey

Next follows the results of Audubon International's Managed Lands Survey for Golf Courses Participating in the Audubon Cooperative Sanctuary Program

Background and Methodology

In 1991, Audubon International and the United States Golf Association launched the Audubon Cooperative Sanctuary Program for Golf Courses (ACSP), an environmental education program designed to help golf courses play a significant role in enhancing and protecting wildlife habitat and natural resources.

The ACSP provides an advisory information service to help golf courses conduct environmental projects and achieve positive recognition for their efforts.

Today, 2,177 courses throughout the United States are enrolled in the program and 256 have achieved designation as Certified Audubon Cooperative Sanctuaries by implementing and documenting a full compliment of conservation activities.

What is the result of participation in the ACSP? Do courses that participate achieve the program's desired goal of enhancing and protecting the environment?

To answer these questions, Audubon International conducted an environmental survey to assess the impact of program participation on a number of key environmental priority areas. These included wildlife habitat conservation, water quality, and chemical use and reduction.

In addition, the survey included a brief assessment of participant attitudes related the impact of ACSP participation on golf playing quality, job satisfaction, and golfer satisfaction.

The survey was mailed in April to 2,035 ACSP golf course members. By the closing date of July 10, 284 returns had been received, yielding a 14 percent response rate.

Environmental Outcomes

Wildlife & Habitat Management

Results

The ACSP provides significant educational information and resources to help land managers enhance and protect habitat for native wildlife species. Results of the Managed Lands Survey show that the majority of participants are implementing a variety of measures to enhance and protect wildlife habitats.

Since joining the ACSP...

- 73% added gardens for birds/wildlife
- 79% decreased the amount of managed turfgrass
- 49% removed exotic invasive plants
- 44% currently involved in an ecological restoration project

Wildlife Habitat Results since joining the ACSP...

- 30 acres/course average increase in acres devoted to providing wildlife habitat. From an average of 40 acres per course before joining to 70 acres after — a 75 percent increase

Florida ACSP Status

as of 8/24/00

- 236 Total number of Florida courses in the program.
- 33 Total number of Florida courses fully certified.
- 94 Total number of Florida courses in some stage of certification.

New Members

- Grenelefe G&T Resort, Haines City
- Lely Resort G&CC, Naples
- Naples Lakes CC, Naples
- The Strand GC, Naples
- MGGI-Hidden Creek, Navarre
- Presidential CC, North Miami Beach
- IGM-The Major's GC, Palm Bay
- Camp Creek, Panama City Beach
- Patrick AFB, Cocoa Beach
- MGGI-Walden Lakes G&CC, Plant City
- Burnt Store Marina, Punta Gorda
- MGGI-Shalimar Point G&C, Shalimar
- Eagle Ridge, Summerfield
- Old Memorial GC, Tampa
- Vero Beach CC, Vero Beach

Newly Certified

- Quail Ridge CC, Boynton Beach

Recertified

- Bonita Bay Creekside Course, Bonita Springs
- Bonita Bay Island Course, Bonita Springs
- Bonita Bay Marsh Course, Bonita Springs
- Panama CC, Lynnhaven
- River Hills CC, Valrico
- Tampa Palms CC, Tampa
- TPC at Heron Bay, Coral Springs
- TPC at Tampa Bay, Lutz

- 1,624 feet/course average increase in naturalized shorelines around water features. From an average of 2197 feet per course before joining to 3820 feet after — a 74 percent increase
- 15 acres/course average increase in forest understory allowed to grow. From an average 28 acres per course before joining to 42 acres after — a 54 percent increase



64% maintain an inventory list of plants and wildlife on the property: Before joining, 16%.

90% conscientiously choose native plants when landscaping: Before joining, 45%.

Water Quality

Results

The ACSP aims to help land managers protect water quality for irrigation, drinking water supplies, and aquatic habitats and wildlife species. Responses to the Managed Lands Survey suggest that managers are taking increasing steps to protect water resources from potential pollutants.

Since joining the ACSP...

51% increased the amount of emergent vegetation in ponds.

56% increased the width of "no-spray zones" around water features.

21% increased the number of drains that are daylighted or emptied into vegetative swales.

12% conduct macro invertebrate testing of water quality. Before joining, 2%.

45% have a contained equipment wash-off area. Before joining, 23%.

Chemical Use Reduction and Safety

Helping members to reduce the use of pesticides and fertilizers as well as safely use, store, and handle chemicals is a key environmental priority of the ACSP. Results of the Managed Lands Survey show that people have been able to achieve that goal without sacrificing golf course playing quality or member satisfaction.

Since joining the ACSP...

86% reduced pesticide use.

92% using pesticides with a lower toxicity level

90% decreased chemical use by improving cultural control methods.

66% reduced fertilizer use.

84% increased the percentage of slow-release fertilizers used.

Increased the percentage of natural-organic fertilizers used 78%

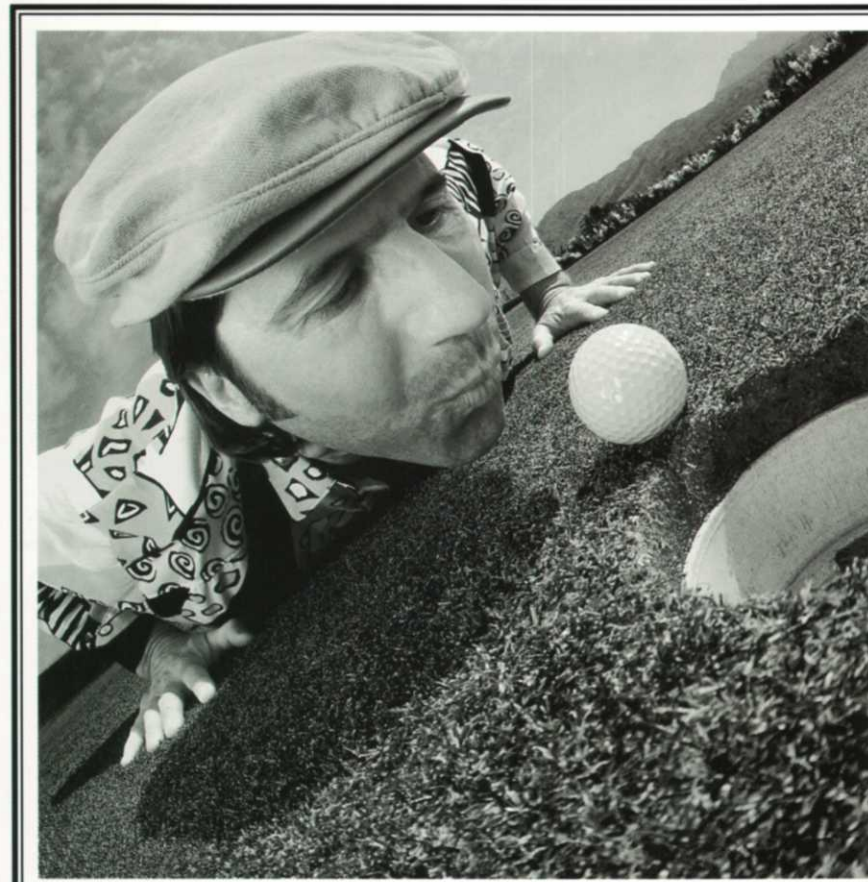
62% have spill containment for pesticide mixing and loading area: Before joining, 30%.

Opinion Results

How has playing quality changed since joining the ACSP? Playing quality improved or remained the same for 99 percent of ACSP participants.

How has your overall job satisfaction been affected by joining the ACSP? Job satisfaction improved for 64 percent of ACSP participants.

How has golfer satisfaction changed? Golfer satisfaction remained the same or improved for 99 percent of ACSP golf courses.



Results have a way of weeding out the amateurs.

It can be pretty comical. Until it comes to your course's turf needs. Then it's no laughing matter. So get serious with professional solutions from the turf pros at Southern States. Solutions like proven turf blends adapted to your specific climate and growing conditions. Solutions like special fertilizers and crop protectants to keep your course in top shape. Professional solutions that deliver professional results.

Call the Turf Division of Southern States today at 1-877-383-3199. We'll connect you to a no nonsense local turf pro, because your turf is serious business.



Visit our web site at www.turfnotes.com

Growing Solutions in Turf

A Family of companies, Providing you with. . .

Quality

We have the leading brands of products for your entire irrigation product and turf care equipment needs. And we have the most extensive inventory of products and parts to meet your needs.

Value

We offer real, added value because included in our everyday low price is the product support by our staff of experienced professionals, who are specialists in providing you with solutions to help fill your product needs.

Service

We provide the highest level of customer service and have high standards for all of our products. Both our irrigation and equipment Service Departments have factory trained and authorized technicians in our Service Centers and in the field who will provide you with the service you need.

These are the values that guide all of the work we do for you. When you need to upgrade your irrigation system or need turf care equipment, call the experienced professionals at The Kilpatrick Companies. They can help keep your grass out of trouble.



The Kilpatrick Companies



Boynton Pump & Irrigation Supply KISCO Pifer Kilpatrick Turf Equipment

800-782-7399 www.kilpatrickco.com

The Politics of Chemicals

BY DAVID G. CASSIDY

Editor, *Turf Magazine*

If anyone had any doubts before, it should now be obvious that with the recent restrictions announced on chlorpyrifos products (known to most people by the most common trade names Dursban and Lorsban), the Food Quality Protection Act (FQPA) is more about politics than science — more about elections than facts — more about what is expedient than what is right.

I have the EPA's press release announcing the restrictions on chlorpyrifos on my desk, and the headline alone makes me want to vomit. The headline reads, "Clinton-Gore Administration Acts to Eliminate Major Uses of the Pesticide Dursban to Protect Children and Public Health."

I've written before on how despicable it is for us to allow our politicians to use our children as pawns in their political agendas, so I'll leave that part alone. The first three words of this headline tell us all we need to know about what's going on here: "Clinton-Gore Administration . . ."

Why do you think Mr. Gore's name has all of a sudden become part of the story? The answer is the same as that to the question, "Why do you think the EPA decided to use the FQPA to go after the single most used and well known insecticide in the world?"

Haven't got the answer yet?

Well, the same answer could be used to answer the questions, "Why did the EPA ignore the testimony of over 200 individuals, each attesting to the benefits and safety of Dursban? Why was 35 years of safe use ignored, while an old study

about neurological effects in rodents held up as proof of the need for these restrictions?"

Still need the answer? Here it is: The presidential elections. This action and its timing is all about Mr. Gore solidifying his support in the environmental community. More importantly for Mr. Gore, having the EPA attack such a well known chemical (notice the use of the trade name in the headline, as opposed to the more correct use of the chemical name, which would not have made such a big splash) helps to get him support in the less-reactionary-yet-environmentally-concerned suburban homeowners.

Here are a few of the other gems you can find in the EPA press release: "Today's action will also significantly reduce residues of chlorpyrifos on several foods regularly eaten by children."

What residues? Do we have a "residue" problem? (the answer is "no, we don't"). Also, where is the study that shows which foods are "regularly eaten by children?"

EPA administrator Carol M. Browner is quoted as saying, "Now that we have completed the most extensive scientific evaluation ever conducted on the poten-

tial health hazards of a pesticide . . ." What "evaluation?" I've been looking for four weeks and can't find evidence of any studies conducted on Dursban by the EPA for the FQPA. I ask Administrator Browner, were these supposed studies more "extensive" than the evidence offered by 35 years of safe and effective use in this and over 80 other countries?

Here's another: "Exposure to these kinds of pesticides can cause neurological effects." Notice the careful wording. It doesn't say "neurological harm" or "damage." What the heck is a "neurological effect?"

I would also like to remind the EPA and the Clinton-Gore Administration that we are talking about a pesticide here, not a food supplement. It is *supposed* to kill things. When used correctly, it kills things that can cause disease and death. Yes, even sickness and death in children.

Since you won't find them in any of the EPA materials I've seen, here are a few facts about Dursban and the new rules that I have come across:

- One of the most widely used homeowner applied pesticides in the world, will no longer be available for homeowner use in the USA after existing stocks have been depleted.

- This action is not based on any new study or new information. Dursban has been around for over 30 years and is the most tested pesticide on the market. Nothing new has been added to what we already know about this substance.

- There is not one case — not one — of any person, child or adult, being harmed by the proper use of Dursban. (In a *Seattle Times* article following the EPA announcement, William O. Robertson — for 30 years the director of a Poison Control Center — offered that he could not recall a single incident of a Dursban-caused illness).

- There are thousands of people who rely on this product to safely and effectively protect themselves and their families from such pests as fire ants, cockroaches, stinging insects, fleas, spiders and ticks, not to mention the protection from termites. (In the same *Seattle Times* article, Mr. Robertson says that they see very few incidents of pesticide exposures

of any kind, but they do see numerous cases of insect bites and bee stings. He estimates that for every call they receive about pesticide exposure, they receive 100 about insect bites.)

- Over 200 individuals testified in EPA hearings on the benefits of Dursban; everyone from lawn care operators to homeowners and even a kid who was bitten by a brown recluse spider.

- All studies (over 3600 to date) show that Dursban does not travel to ground water, and that it breaks down on site (through microorganisms and UV radiation). After it dries, tests repeatedly show it does not transfer.

- Dursban has never been shown to be carcinogenic to humans.

- The much reported info that Dursban has been shown to cause neuro-problems in rats is not new information. Forget the fact that there is much evidence that the rat study does not transfer to humans. To replicate the dosage given to the rats in that study, you would have

Why did the EPA ignore the testimony of over 200 individuals, each attesting to the benefits and safety of Dursban? Why was 35 years of safe use ignored, while an old study about neurological effects in rodents held up as proof of the need for these restrictions?

to do an indoor application of Dursban over an entire home every three minutes over 500 times in a row. If you did that with Cheez Whiz it would probably kill you.

So, the facts are that there is no new information about Dursban. No one has been harmed by it. It is not harmful to the environment. And yet, we can thank "Clinton-Gore" for protecting our "chil-

dren." I hope we can all remember to blame "Clinton-Gore" for the pain and suffering experienced next year by all the people (including the "children") who will be bitten by brown recluse spiders, stinging wasps and lyme ticks.

*Copyright 2000 by TURF Magazine.
Reprinted with Permission*

Producers of Quality Turfgrasses for Golf Courses and Athletic Fields



Pike Creek Turf inc.

Route 2, Box 376-A, Adel, Ga. 31620

1-800-232-7453

Producers & Installers of Fumigated, Georgia Certified Bermudagrasses

- ◆ Tifway
- ◆ TifSport
- ◆ TifEagle
- ◆ Tifdwarf
- ◆ Centipede Sod/Seed
- ◆ Meyer Zoysia

Rowplanting Services Available

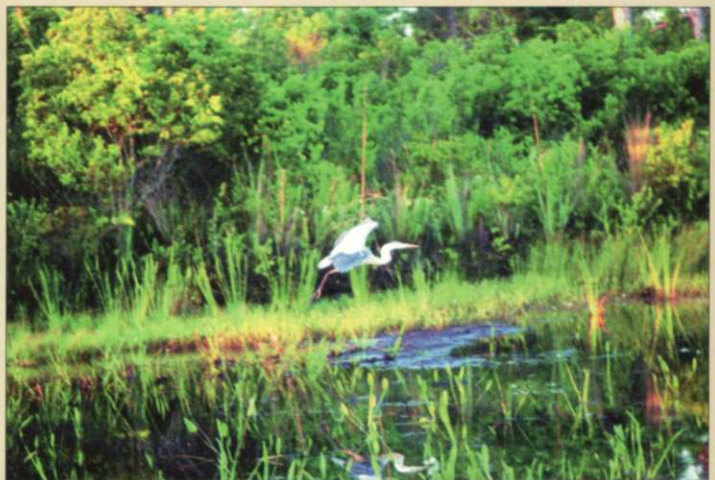


Editor's Choice
Best overall photograph
Birdbath by Mike Hamilton, Foxfire C.C.



6th Annual Florida Green Photo Contest

The winners this year were chosen for a combination of technical quality and originality. Mike Hamilton continues to be in the right place at the right time to shoot the most intriguing photo to capture his second consecutive Editor's Choice Award.



Wildlife

Includes mammals, birds, reptiles and amphibians.

Left, 1st Place: The Sentinel by John Stach, Olde Hickory G. & C.C. Above, 2nd Place: The Habitat at Valkaria by Lyne Page, The Habitat G.C.



Formal Plantings

Includes annuals, shrubs, trees, entrance and tee signs.

1st Place: Formal Tee by Mike Hamilton, Foxfire C.C.

Native Plantings
Includes aquatic vegetation, grasses, shrubs, trees and wildflowers.



Above, 1st Place: Build It And They Will Come by John Stach, Olde Hickory G. & C.C.

Left, 2nd Place: Sun Catchers by Lyne Page, The Habitat G.C.





*Above, 1st Place: The Day Begins
by Mike Hamilton, Foxfire C.C.*

*Right, 2nd Place: The 18th Hole
by John Stach, Olde Hickory G &
C.C.*



Scenic Hole Layout
*Includes sunrises, sunsets,
frosts, storms and any other
golf hole view.*

Call For Articles

This is a call for articles for the 2001 issues of the Florida Green.

Contact Joel D. Jackson, Editor for more information. Phone: 407-248-1971. Fax: 407-248-1971. E-mail; FLGrn@aol.com. All slides and photographs should include identification of persons in the picture and the name of the photographer.

HANDS ON TOPICS: Share your best practices and tips for these upcoming topics. Slides or photographs are encouraged.

- **Winter 2001** - Personal Financial Planning
- **Spring 2001** - Fertility Programs
- **Summer 2001** - Utility Vehicles

• **Fall 2001** - Computers as Management Tools

SPOTLIGHT: People and events making news in Florida. From award winners to chapter tournaments and other accomplishments. Send in your story.

SUPERINTENDENT'S JOURNAL: Personal observations or experiences related to any phase of the turf management profession.

PROFESSIONAL DEVELOPMENT: General management topics beyond turf. Examples: Education, facilities, personnel, computers, training, etc.

INDUSTRY NEWS: News items of interest to Florida superintendents from allied associations in the turf/ horticulture industry.

OPINION: Exactly what it means! Articles voicing a personal point of view on any topic concerning Florida superintendents.

RESEARCH: A section reserved primarily for university and technical authors to report on research results within the turf industry. Also reports of practical on-course testing.

RUB OF THE GREEN: Articles and anecdotes with a humorous twist.

STEWARDSHIP: Superintendents are invited to submit ideas and articles about environmental issues and initiatives at their courses.

Wanted: Slides and photographs to help tell the stories!



**AN EARLY MORNING RIDE
DOWN YOUR FAVORITE FAIRWAY
MAKES YOU APPRECIATE
YOUR HARD WORK
AND LONG HOURS.**

LESCO is there.

Some days everything seems just right. Other days are less than perfect. But one thing is for sure. Building, growing-in or maintaining a golf course presents many challenges. And it's up to you to turn the challenges into opportunities. The problems into solutions.

A business relationship with a company focused on your needs helps. Someone offering service, convenience, technical expertise and value. Someone who understands what you're up against.

Someone like LESCO.

SERVICE. LESCO is there with the most complete line of products available anywhere.

Everything from seed, fertilizer, control products and application equipment to flags, cups and markers. Plus so many additional services. Like

custom blending, soil testing, grassing specifications and agronomic program development... just to mention a few.

CONVENIENCE. LESCO is there with 69 LESCO Stores-on-



Wheels®, 235 LESCO Service Centers® and a variety of direct delivery options. No one makes it easier and more convenient to obtain the products you need...when you need them.

TECHNICAL EXPERTISE.

LESCO is there with turf professionals who appreciate the challenges you face and are fully prepared to answer your questions. Turf management and product use recommendations are all part of the job...part of the convenience and service.

VALUE. Put it all together and what you get is an overall commitment from a company dedicated to meeting your needs. That's called value. And value is what that ride down the fairway is all about. Call 800-321-5325. LESCO is there.

LESCO®
G R O W W I T H U S.™

My tenure as president of the Florida Turfgrass Association came to an end Aug. 15 at the annual Conference and Show. I want to personally thank Darren Davis and the entire Florida GCSA Board for their ardent support over the past year, and new FGCSA President Cary Lewis for offering me the post of FTGA Committee chairman to continue strengthening the cooperative bonds between the two associations. I am very proud that golf course superintendents

are the largest and most active segment of the FTGA, and I hope it always stays that way.

Though I've said it before in this column many times, it bears repeating that it is in the best interests of all superintendents to align ourselves with other turfgrass professionals for the increased political clout we can muster together, and for the talent and energy that these other

professionals can bring to bear on our mutual problems. One only needs to see new FTGA President Erica Santella of TruGreen-ChemLawn in action at a regulatory meeting about fertilizer or pesticide applications for irrefutable proof. I think it fair to say that neither the FGCSA nor the FTGA has had a significant accomplishment based solely on the associations' strength and reputation — strong individuals have made things happen, but neither association has yet really come of age.

If these comments seem unimportant to you, then I don't think you've been paying attention to what's going on in the golf and turf industry. Why is it that management companies are proliferating? Why are there no increases in the number of rounds played in the U.S. since 1988 despite the fact that about 5,000 new golf courses have opened for play? Why does the public still think that golf courses are bad for the environment? Why does the EPA interpret risk analysis data differently from the manufacturers? Why are there anti-golf and anti-science groups

destroying turfgrass research plots? Why did the National Audubon Society *censure* and *sue* Ron Dodson's Audubon International for trying to work with golf courses through the Audubon Cooperative Sanctuary Program?

We are still a weak and fragmented group of professionals who are more reactive than proactive because the vast majority of our peers choose not to help those of us who are trying to help shape and secure our futures as golf and turf professionals. Perhaps the time has come to consider following the lead of the Seven Rivers GCSA and make membership in FTGA mandatory for membership in one of the chapters of the FGCSA, just as chapter membership is necessary for membership in the GCSAA. You are helping yourself, your peers, and your industry just by joining, even if you have little time to participate.

Our cooperative efforts have helped move the University of Florida turfgrass program toward preeminence in the country. We are cooperating with other professional turfgrass-related associations on advisory boards and future cooperative trade shows. We have just begun an ambitious fund-raising program targeting golfers spearheaded by Don Benham and UF's Dr. Terril Nell. We recently created a Best Management Practices committee to clear up ambiguous and/or conflicting BMPs for turf, but even more significantly, to engage regulatory agencies in the creation of BMPs so that a united front can be maintained against the local and regional Napoleon and Hitler politicians who pop up on a regular basis.

I am especially encouraged about the potential benefits to our industry by working with regulatory agency representatives on this new BMP committee. I have always espoused the opinion that we need to educate the general public about our industry to reverse our generally poor environmental image, but the costs to do so have always been prohibitive. I now feel that we may be able to accomplish as much by educating and working with the regulatory agencies, a task within our abilities and budget.

There is no "us" and "them" in regards to the FGCSA and the FTGA — each association has its own mission, but both associations share the same goals. More superintendents need to realize this. 🐾

*Time to
come
together*

Mark My Words



Mark Jarrell, CGCSA



Beeman's Nursery



904.767.6232 • Fax 904.756.9895

E-mail: beemansnursery@aol.com

Web Site: www.beemansnursery.com



Native Grasses and Aquatic Plants
3869 S. Nova Road, Port Orange, FL 32127

*What
A
Good
Egg I
AM*

**Green
Side Up**



Joel Jackson, CGCS
Editor

I'm not having an ego crisis. I just thought with all the water, fertilizer and chemical issues coming down on us lately that it was time to have some fun and keep our sense of humor intact. So with apologies to Dr. Suess, I present for your consideration:

Uncle Sam. Uncle Sam.
What a good egg I am
While some may not give a hoot.
I would not, I could not, I do not
pollute

So why did Al and Carol say
Down! Down! With Dursban spray
Save the birds. Save the squirrels
Save the little boys and girls

But Al. Big Al. You're not my pal
Dursban never hurt a guy or gal
Never hurt fish or fowl
So why, oh why do you howl

Save the world you sermonize
Pesticides you demonize
Being green is never easy
But your version makes me queasy

Take your pompous explanations
With all naive incantations
And when the volcano blows
Clear that air with regulations

Uncle Sam. Uncle Sam
What a good egg I am
I do not foul lake or stream
I play on the Steward's team

Mother Nature isn't wacky
She's no Greenie's stupid lacky
When she plays she plays to win
Politics is not the game she's in

What's your team Al
What's your game
EPA science
Is awfully lame

We never treat
All our acres
You'd never know it
From the data fakers

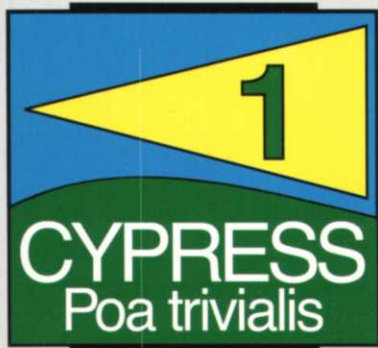
You talk of risk
With no reward
But you never managed
A verdant sward

You only want to get a vote
All you're getting is my goat
Well better goat than vote
I note

Uncle Sam. Uncle Sam
What a good egg I am
I'm not some mean old coot
I would not, I could not, I do not
pollute

We will always keep the green side up,
even if Big Al and EPA make it harder to
do sometimes. Now all of a sudden I'm
hungry for some green eggs and ham.

It's hard to
beat the
performance
of Stardust
and Cypress
Poa trivialis!



TMi

TURF MERCHANTS, INC.

33390 Tangent Loop / Tangent, Oregon 97389
Phone (541) 926-8649 / Fax (541) 926-4435
800-421-1735 / www.turfmerchants.com

Perfecting Turfgrass Performance™

In multi-year trials from the East to the West Coast, these Poa trivs have been tops in color and texture since their release re-defined the overseeding market. An additional bonus, is their higher seed count which give superintendents more coverage for the money. Both are grown under the certification program and this makes the quality of these Poa trivs the standard by which other Poa trivs are measured. **But don't take our word for it, take theirs:**

Cypress 50% Stardust 50%

"Best average weekly ground cover"

estimates of all Poa trivs in test-University of Fla, Gainesville 1997-98 putting green trials highest seed count of all Poa trivs - University of Florida. - 1997-98.

Stardust

"Highest density"

1995-96 overseeded greens University of Arizona

"Highest percent ground cover"

University of Florida. 1995

"Highest mean ball speed scores"

1994-95 overseeded Bermuda greens--University of Arizona.

"Best monthly/seasonal turf color"

of all Poa trivs overseeded on tifway Bermuda--University of Fla. 1994-95.

"Highest seasonal average"

of all Poa trivs"--putting greens evaluation-- 1997-98 Mississippi State University.

Cypress

"Highest mean for turf color"

1996-97 putting green overseeding trial, Clemson University.

"Highest quality rating"

of all entries in the 1996 Bermuda Triangle Research Center, Palm Springs, California.

Kick the habit

AT NUCRANE MACHINERY, WE ARE CHANGING OLD TURF EQUIPMENT PURCHASING HABITS BY FOCUSING ON THE BASICS...

QUALITY PRODUCTS BACKED UP BY A PROFESSIONAL STAFF WITH A DEDICATION TO PROVIDE NOTHING LESS THAN THE FINEST PRODUCT SUPPORT IN THE INDUSTRY.

SO, IF PROMISES MADE TO YOU BEFORE A PURCHASE SEEM TO GO UP IN SMOKE LATER... GIVE US A CALL.

2020 SEABIRD WAY
RIVIERA BEACH, FL 33404
(561) 842-0440

417 CENTRAL PARK DRIVE
SANFORD, FL 32771
(407) 323-9555

72104 CORPORATE WAY
1000 PALMS, CA 92276
(760) 343-0270

6361 INDUSTRIAL BLVD
LAS VEGAS, NV 89118
(702) 263-4512



NUCRANE MACHINERY

www.nucrane.com
www.deere.com

