

# THE GREEN SHEET



VOLUME XI, PART 2, MARCH/APRIL 1995

NEWSLETTER OF THE FLORIDA GOLF COURSE SUPERINTENDENTS ASSOCIATION

## UPCOMING EVENTS

- Mar. 6 4th Annual Ridge Invitational, Grasslands G&T
- Mar. 10 Everglades chapter's Spring Seminar, Dr. Joe Duich, featured speaker. See page 3 for details.
- Mar. 15 GCSAA Spray Tech Seminar, Pensacola
- Mar. 16 South Florida GCSA Expo/U of F Field Day, Ft. Lauderdale. See page 3 for details.
- Mar. 17 GCSAA Spray Tech Seminar, Tampa Palms
- Mar. 20 West Coast GCSA chapter meeting, Bayou Club
- Mar. 21 GCSAA Spray Tech Seminar, Coral Gables
- Mar. 21 Suncoast Scramble, Misty Creek CC
- Mar. 22 DNA Turfgrass Identification Seminar, PBGCSA, Lake Worth. See page 7 for details.
- Mar. 23 GCSAA Spray Tech Seminar, Naples
- Apr. 4 USGA Conference, Marriott Hotel, Palm Beach Gardens. See page 3 for details.
- Apr. 6 USGA Conference, Marriott Airport, Orlando
- Apr. 6 South Florida GCSA chapter meeting, Jacaranda
- Apr. 10 Mike Richards Tournament, Hidden Hills CC
- Apr. 24 3rd Annual Envirotron Tournament, World Woods Resort. See page 3 for details.
- April 25 Suncoast chapter meeting, Venice G&CC
- May 1-3 49th Annual Southeastern Turfgrass Conference, Tifton, Georgia
- May 20 Poa Annuu Classic, Naples Beach Hotel
- May 21 G. C. Horn Tournament, Naples Beach Hotel

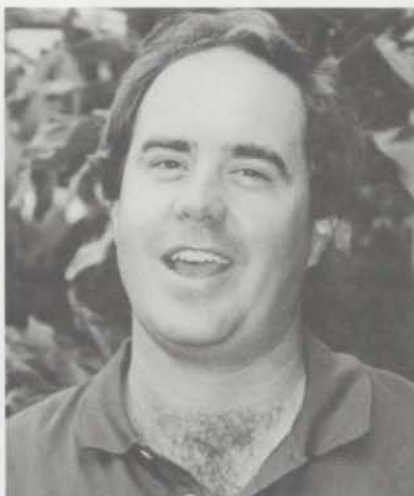


Tim Hiers, CGCS, superintendent at Collier's Reserve CC in Naples, has won the GCSAA's 1995 Environmental Steward Award in the Private Course Division. The three year old program was developed by GCSAA to acknowledge innovative golf course management practices that effectively deal with environmental issues. Tim is also the recipient of the GCSAA Presidents Award for Environmental Leadership. He is the first individual to be selected for this award which honors environmental contributions to the game of golf -- contributions that exemplify the superintendent's image as a steward of the land. Both award presentations were made at the GCSAA Convention in San Francisco.

Tim has always been a leader in the Florida golf course industry. He was instrumental in reactivating the Florida Golf Course Superintendents Association in 1978 and served as president for two years. He was honored by his peers in 1986 when he was selected to receive the FGCSA's Distinguished Service Award. He remains active on the FGCSA Board of Directors by serving on the Government Relations Committee. Despite his active schedule and busy home life, Tim was able to take the time to become a certified golf course superintendent in 1994. Congratulations, Tim.

## UPDATE ON DNA TESTING by Scott Bell

Last spring the FGCSA Board of Directors began to hear concern from the membership regarding the quality of the Tifdwarf and Tifway 419 that is available. Some of our members claim to have had grass planted on their golf courses that does not respond or grow like the grass that most of us are used to. Speculations run wild as to what these grasses could be. Complaints that I heard ranged from grass that does not grow, does not respond to fertilizer, is mottled and is inconsistent with other grasses. I personally visited one golf course with this problem to satisfy my own curiosity and to evaluate the problem to determine if it warranted board action. I visited the course during the summer and my first thought was that the grass was hungry and it needed a good shot of fertilizer. Knowing the superintendent as well as I do, I did not question his management and he assured me that his fertility program was appropriate. Given the fact that this superintendent has probably tried every avenue to correct the problem, I agree that some golf courses have abnormal grass grow-



Scott Bell

ing on their golf courses. I guess that the big question is, why do these courses have grass that grows differently than the 419 that we have been used to.

Here are a few of the theories that I have heard in the past seven months:

1. Mutated grass
2. Common
3. Contaminated
4. Tifway II
5. Old grass not killed before new sprigs were planted
6. Soil problem

7. Superintendent doesn't know what he is doing
8. Bad water
9. Herbicide damage

As you can see, everyone has an opinion and, to date, no one has an answer. This problem exists in both Tifdwarf and Tifway — north and south, east and west. Judging from the response that a good friend of the FGCSA who works at IFAS received, the problem is worldwide. I know that my greens are not the same as they were nine years ago when I rebuilt them. Every year more of the contaminated or mutated spots show up and every winter they become harder to overseed. I am not in any way implying that the blame for this rests in either corner. There are more courses grassed each year that are fine than there are courses with problems. I have determined that we need to try to identify these grasses to see if there are identifiable scientific differences between these grasses. In the case of Tifdwarf, you can see variations in the nine different plots at the FGCSA research green.

If you have heard that the FGCSA is planning on funding research to try to identify different grasses, you are correct. With the help of some allied organizations and the University of Florida, we are trying to develop a test to determine if the DNA's of various types of "Dwarf" or "419" can be identified and differentiated. If they can be, and the test can be replicated, the whole industry would benefit. Growers would be able to find the best grasses and grow them; superintendents would be able to test the grasses before they are planted. A valid DNA test would also help the FTGA with certification.

If you are having trouble with your grass and it does not respond, I would like to hear from you. We are trying to assess the extent of the problem. If you have very old Tifdwarf greens (over 20 years) and if they still look good, I would like to hear it. Hopefully our association can step forward and help all of us in this great industry.



## THE GREEN SHEET

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All material submitted for printing will be edited at the discretion of the editor. Material must be typed or clearly printed. All photos must be black and white. Items must be for the good of the association.

**Deadline next issue, April 15.**

The Green Sheet is a bimonthly FGCSA newsletter printed as follows: Jan./Feb., March/April, May/June, July/Aug., Sept./Oct., Nov./Dec.



## 1995 USGA GREEN SECTION CONFERENCES

### DATES:

Tuesday, April 4, 1995  
Palm Beach Gardens Marriott

Thursday, April 6, 1995  
Orlando Airport Marriott.

THIS IS A SITE CHANGE!!

### FEES:

- Before March 28: \$45 for USGA Member Clubs; \$55 for others
- After March 28: \$55 for USGA Member Clubs; \$65 for others

### PROGRAM:

Registration begins at 8:00 a.m. with Welcoming Remarks by Roger Harvie at 8:45 a.m. The morning program will feature USGA representatives speaking on environmental issues. Jim Snow will speak on the history of the USGA research program, Golf Courses Effect on People and Wildlife, and the issue of Water Quality. Chuck Gast will discuss How Turf and Golf Courses Benefit the Environment and John Foy will present ideas for Maintaining Environmentally Friendly Golf Courses.

The afternoon session begins at 1:15 with a informative talk by Whit Collins on What you Need to Know about Labor Laws; Laurie Glass will give a review of amateur status and Lee Bloomcamp will finish the program with a discussion on Florida Grubs - Masters of Disguise. The program will adjourn at 4:15 p.m.

**JACKETS REQUIRED.** Questions on the conference should be directed to John Foy at the USGA Florida office 407-546-2620.

## EVERGLADES GCSA SPRING SEMINAR

The Everglades GCSA presents their annual spring seminar on Friday March 10, 1995 at Worthington CC in Bonita Springs. This year's program is especially strong and the chapter is looking for good support from superintendents in and around the area.

Registration begins at 8:00 a.m. The morning program includes an update on the New York Audubon Sanctuary program by Ron Dodson; an explanation of the new Bermudagrass Certification program by Dr. Al Dudeck of the Univ. of Florida; and a discussion on water quality by Dr. Clark Throssel of Purdue.

The afternoon features a presentation on Green Speed by Dr. Joe Duich of Penn State, and a discussion on environmental concerns by Dr. James Watson, Toro Co., 1995 recipient of the GCSAA Old Tom Morris Award.

Registration fee is \$95.00 before March 3rd and \$120 after March 3rd. For more information contact Wayne Kappauf, CGCS, at 813-262-4456.

## THIRD ANNUAL ENVIROTRON GOLF TOURNAMENT

The Seven Rivers GCSA will be sponsoring the 3rd Annual Envirotron Tournament at Worlds Woods on April 24th, 1995. Registration begins at 9:00 a.m. for the 10:00 a.m. shotgun start.

Again this year there will be two separate 18 hole tournies — a 4 man scramble with handicaps on the Pine Barren Course and an Individual Ball with handicaps on the Rolling Oaks Course. Lunch and refreshments will be served on course with a steak dinner and awards ceremony to follow.

Entry fee is \$100. Tax deductible sponsorships are available. This is a major fund raiser for the University of Florida Envirotron. The Seven Rivers chapter is grateful for the support of all our sponsors and the generosity of World Woods Resort which has hosted this event since its inception. For more information on sponsorships or entry forms, contact Mike Swinson, Seven Rivers chapter Secretary/Treasurer at 813-938-5832.

## EIGHTH ANNUAL SFGCSA EXPOSITION

The Eighth Annual SFGCSA Turfgrass Exposition will be held in conjunction with the University of Florida Turfgrass and Landscape Ornamentals Field Day on Thursday, March 16, 1995, at the University of Florida Fort Lauderdale REC.

The program begins at 7:30 a.m. Exposition activities include the always popular equipment demonstration which will be bigger than ever this year with all major dealers on site; the show area which features booth displays by local suppliers; and research reports and demonstrations on the FGCSA research green. The Turfgrass Field Day topics include Turfgrass Nutrition and Soil Fertility; Pesticide Fate in Turfgrass; Turfgrass Germplasm; Nematodes; Weeds; Diseases and Insects.

This is the major fund raiser for the South Florida Golf Course Superintendents Association and proceeds are used to support the ongoing research at the FGCSA research green. All superintendents can show their support for these equipment dealers and suppliers by coming out to this great event.

Registration fee is \$20.00 before March 1st and \$30.00 after March 1st. Fee includes the barbeque lunch under the big top and the social hour at 3:00 p.m. where you can pick up your CEU forms. Brochures have been mailed to all members and are also available from the University of Florida office at 305-475-8990.

The Winter 1995 meeting of the FGCSA Board of Directors was called to order by President Scott Bell at 1:00 p.m. at the Howard Johnsons hotel in Orlando.

All officers and all External Vice Presidents except North Florida chapter were in attendance.

Other FGCSA members attending the meeting were Kevin Downing, Research Committee Chairman; John Gallagher, Public Relations Chairman; Mark Jarrell, Fund Raising Chairman; Mike Bailey, Emergency Response Committee; Garth Boline, West Coast chapter Vice President; Mike Perham, GCSAA Certification Committee, and Joel Jackson, Florida Green editor.

**SECRETARY/TREASURER:** Minutes of the Fall board meeting were approved. Financial Statements of the FGCSA Operating Account, Florida Green Account and Research Fund for the first half of 1994-95 were reviewed and accepted. (It was later noted that an error appeared in the operating account budget donation schedule. It has been corrected to show a \$1,000 donation to the Musser Foundation and a \$5,000 donation to the GCSAA Platinum Tee Club). Both of these donations will be made by Scott Bell in San Francisco.

**AWARDS:** Scott Bell reminded all External Vice Presidents to submit their nominations for the FGCSA Distinguished Service Award and Presidents Award to the FGCSA office (in writing) before the Poa board meeting.

**PUBLICATIONS:** Joel Jackson presented his ideas on future articles for the Florida Green. He will be collecting information on the 14 Florida Pro Golf Tournaments from the host superintendents. He discussed whether local chapter tournaments should be covered in the Florida Green or the Green Sheet. He also suggested a photo contest or other editorial contest. He acknowledged the contribution that Shelly Foy has made to the Florida Green through her series of articles on the Audubon program.

Joel submitted a request by Golf Link to reprint our magazine articles in their information network. It was decided that Joel will contact them with our permission to do so.

Paul Crawford reported that we are pursuing a second class permit for the Florida Green. A study will be made to see if the cost savings is enough to cover the application fee and the other costs involved in second class mailing.

Greg Plotner reported that the Green Sheet is holding its own with Golf Ventures as the sole advertiser for this fiscal year. Marie Roberts reported that the Membership Directory has been distributed to all members and that the profit on the directory was approximately the same as on last year's directory.

**EDUCATION:** Greg Plotner noted that the GCSAA-sponsored Spray Tech seminars are great. He urged all External Vice Presidents to promote these seminars when they come into your area. Four Spray Tech seminars will be held in Florida in March. Contact GCSAA.

David Court's education report was presented. He noted that the 1994 GCSAA Regional Seminar in Orlando was an outstanding program. Unfortunately, the attendance was relatively low and David attributed this to the fact that it was held in the Orlando area. He proposed that we look into rotating future Regional seminars in the Palm Beach and Naples area. The 1995 Regional Seminar will be held in Naples on October 5, 1995. David will be selecting the topic for the seminar within the next two weeks.

The Poa seminar will be held on Friday, May 19th at the Naples Beach Hotel. The seminar will teach superintendents how to prepare and respond to the media that may show up on your door step during an emergency situation. Mr. Terry Henderson, public relations director for DowElanco will be the main speaker. This promises to be a very interesting program and should be well attended.

**EMERGENCY RESPONSE COMMITTEE:** Mike Bailey reported on the progress of the committee. Pat Jones of the GCSAA attended the committee meeting in November and promised the support of the GCSAA in educating members on the importance of proper response to the media. At the January meeting, a calendar-type informational poster on how to handle emergencies was discussed. It would include emergency numbers to call, both nationwide and local, on almost any emergency that might occur at a golf course. Mike suggested that we present this project to the GCSAA to see if they would like to sponsor it for all members, not just Florida. Mike then went over the plans for the educational program at the Poa which will deal with handling the media in an emergency situation. It will be presented by DowElanco.

**MEMBERSHIP:** Jim Miller asked if a member working for a management team is still eligible for Class A status in the FGCSA. Another discussion was held as to how many superintendents working at one golf course can be classified as Class A. It was noted that the GCSAA allows more than one Class A superintendent at a multi-course facility. What about certified golf course superintendents who no longer work as superintendents? Chip Fowkes reported that our by-laws are being reviewed by the GCSAA and these are some things that might be made more clear after their meeting in San Francisco.

**RESEARCH:** Kevin Downing reported that as a result of the FGCSA Research Committee meeting held earlier in the day, the Research Committee would like to send a letter to the USGA and the FTGA requesting a three way funding for the DNA project proposed by the University of Florida. A motion was made to give the Research Committee power to proceed with requesting additional funds from the FTGA and USGA to co-fund the DNA project. If this funding is secured, the Research Committee will then begin negotiations with the University of Florida. The motion was approved.

**POA:** Mike Mongoven reported that the Poa weekend will be held on May 19, 20 and 21. The five hour FGCSA seminar will be held on Friday afternoon (probably from 12:30 to 6:00); the Poa tournament will be held Saturday morning with the banquet on Saturday night; and the G. C. Horn Tournament will be played on Sunday morning. It was decided to hold the FGCSA Board Meeting on Friday morning to be over in time for members to have lunch before going into the seminar.

**CROWFOOT:** Joe Ondo reported that the Crowfoot Committee is discussing changing the date for the Crowfoot. It will be held at Bay Hill this year. A date change has been suggested because of the many local chapter tournaments that are held during that time of year. Joe will have more information on this at the Poa board meeting.

**FTGA:** Alan Puckett reported that the results of the survey will be published within the next month. He explained the function of the Water Wise Council and urged the FGCSA to join this council. Greg Plotner presented a motion that we join the Water Wise Council (if the cost is less than \$500) and that Alan Puckett act as our representative. The motion was approved.

**GOVERNMENT RELATIONS:** Mike Mongoven thanked everyone who helped get the 25¢ fee proposed by the Fish and Game rejected. He reported that Senators Graham and Mack have responded to our inquiry on the proposed regulations by the EPA on the Flymo type trimmers. He also gave an update on the Nemacur label changes and noted that Miles representatives will notify the FGCSA as soon as the label is finalized.

Mike distributed copies of a proposal by Steve Dwinell on preparation of a manual on Best Management Practices for Golf Course Maintenance facilities. A discussion was held as to how governmental regulatory agencies are affecting your maintenance facility and the effect this will have on your insurance. It was

decided to allow Steve to come to our Poa board meeting to discuss having the FGCSA help fund this manual.

**PUBLIC RELATIONS:** Monitoring the progress of the golf channel was discussed. If it is proven successful, the FGCSA might consider obtaining a promotional tape from the GCSAA, adding our logo to it, and buying some ad space.

**GCSAA:** Joe Ondo reported that there are 480 players signed up for the GCSAA National Tournament. The Florida team will consist of Mark Hopkins, Dave Oliver, Joe Pantaleo and Joe Ondo. He also noted that the Central Florida chapter is compiling a list of public and semi-private clubs that will allow GCSAA members to play their course during the 1996 convention. The Central Florida chapter has also gathered a few volunteers for manning the booth during the 1995 convention. We still need more help.

**Voting Delegate:** A question was raised as to whether Ray Hansen will be in San Francisco to act as the FGCSA Voting Delegate. Since no one was sure that Ray would be there, it was decided that Dale should be listed as our Voting Delegate. Greg Plotner volunteered to serve as Alternate. A discussion was held on the candidates for election. Dale reported that all candidates will be invited to our FGCSA reception on Friday night and that, as usual, there will be a caucus before Monday's election.

Paul Crawford reported on the FGCSA reception that will be held on Friday, February 24th, at the Marriott from 6:00 - 9:00 p.m. Since many of our sponsors have requested it, we will have a sign up sheet at the door. Paul urged all members to support the companies who are helping to sponsor the event. West Coast and Palm Beach chapters volunteered to be Gold Sponsors.

Scott Bell will be presenting the GCSAA Platinum Tee Club donation and the Musser Foundation donation during the conference.

Scott Bell asked the board to approve his proposed nomination of Tim Hiers for the Scotts Tradition of Excellence Award. The motion was approved. The winner will be announced during the GCSAA Conference.

**CERTIFICATION:** As noted at the Fall FGCSA Board Meeting, the GCSAA has a new sliding scale for eligibility requirements that will become effective next summer. They have also revised the requirements for recertification. Mike Perham serves on this committee and will be going to Kansas for a meeting this month. . Mike will present the views of the FGCSA board at the committee meeting in Kansas and will send a report of the meeting for inclusion in the Poa board meeting minutes. Mike's term on the committee expires in February and he urged other board members to volunteer for the committee by calling Gary Grigg as soon as possible

**SURVEY:** Dale Kuehner reported that we have received a 38% return of surveys as of last week. Preparations are being made to begin calculating the results. Kevin Downing suggested that we send a copy of the survey results to McGladrey and Pullen.

**OLD BUSINESS:** Kevin Downing will be presenting the \$1,000 Lake City donation at graduation ceremonies in Lake City in March.

Paul Crawford noted that Steve Mona had called him regarding the Golf Course News sponsored conference that was held in Orlando in October.

Mike Mongoven reminded the board that the spring seminar co-sponsored by the Everglades chapter will be on March 10th. Dr. Duich will be the featured speaker. For more information, contact any of the Everglades chapter officers.

Scott Bell announced that the next board meeting will be held on Friday morning, May 19th, at the Naples Beach Hotel. Since there was no further business, the meeting was adjourned.

## SUNCOAST CHAPTER HOSTS SUPPLIER APPRECIATION DAY

The Bradenton CC was host to the First Annual Suncoast chapter Supplier Appreciation Day. The format for the event was similar to a field day with equipment dealers, fertilizer and pesticide suppliers, and services members displaying their products and services.

Jim Svabek, Bradenton CC superintendent, opened the driving range to actual (in use) demonstrations and Bradenton CC members donated use of the course for the entire day. After the equipment showing and barbecue lunch, we teed it up for a supplier-superintendent best ball tournament. Despite bad weather, there was a good time had by all.

This event marked the start of something superintendents in our area felt was long overdue. The suppliers and service members not only support us financially with donations to our fund raising events and other areas, but also support us with a great deal of expertise with leaders in their field. They are a great source for new information, new products and services that are available to help make our jobs a little easier. Again, thanks to our suppliers from the Suncoast GCSA.

### AUDUBON COOPERATIVE SANCTUARY UPDATE

Please note that the Resource Inventory has been updated to make it more user friendly. The staff has also created a worksheet for the Environmental Planning category which everyone should love (it's a check off sheet). If you are interested in receiving either or both, call the Audubon Society of New York State at 518-767-9051.

## 1995 INTERLACHEN TOURNAMENT

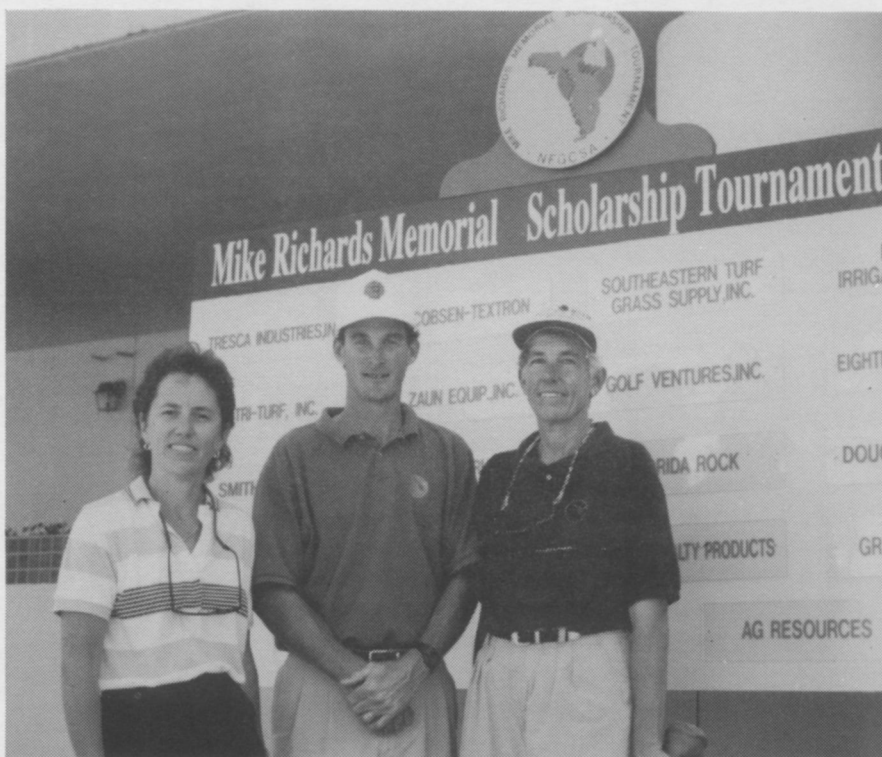


*Dr. Al Dudeck discussed new turfgrass selections for putting greens, Florida Hawaiian Dwarf.*

The Central Florida chapter sponsored FTGA Research Tournament held January 9th at Interlachen CC provided educational enlightenment in a luxurious setting.

Dr. Al Dudeck provided the latest in turfgrass breeding information and Dr. Charles Guy explained the DNA identification process and the possibilities for turfgrass.

Host superintendent, Stuart Leventhal, CGCS, pulled out all the stops again for the popular after lunch golf event. The team of Joe Hodge and Dobie McManus emerged as gross winners with Jim Wells and Steve Wresh capturing low net. Again, the real winner was turfgrass research as over \$4,500 was raised.



*Kim Shine, CGCS (left) and Brigid Braun, CGCS pose with Brian Coyne, recipient of the annual North Florida GCSA scholarship made possible by the Mike Richards Tournament. Brian will graduate from Lake City Community College this year.*

The third Annual Mike Richards Memorial Scholarship Tournament will be held April 10th at the Hidden Hills CC in Jacksonville. The North Florida chapter hosts this two man scramble as a fund raising event benefiting the chapter scholarship fund. For information, contact Kim Shine at 904-223-0886 or Beth Smith at 904-755-5451.

## FLORIDA COURSES EARN SIGNATURE STATUS

In addition to the Cooperative Sanctuary Program for existing golf courses, the Audubon Society of New York State manages a program for proposed developments called the Audubon Signature Cooperative Sanctuary Program. Anyone who is planning a development and has not yet "moved earth" is eligible to register in the Signature Program.

The FGCSA is proud to announce that the first public and the first private golf course in the nation to earn the designation as Audubon Signature Cooperative Sanctuary Golf Courses are right here in Florida!

On December 12, 1994, the Champions Club at Summerfield in Stuart became the first public golf course in the world to earn Signature status. Rob Kloska, superintendent at the Champions Club, credits the distinction to the cooperation between golf course developer Riverside Golf Group, real estate developer Stuart Summerfield Homes, Martin County, and Fazio Golf Course Design. The project came together during 1993 and plans to be a model for future Signature public golf courses. The golf course will appear on the GCSAA's television show, "Par for the Course" sometime in March or April.

Colliers Reserve, a 6,800-yard, 18-hole course in Naples has the distinction of being the first private course to earn Signature status. The course was designed by Art Hills in accordance with the Audubon Society of New York State's Principles of Sustainable Resource Management. Tim Hiers, CGCS, winner of the GCSAA's 1995 Environmental Steward Award in the Private Course Division, has been the superintendent at Colliers Reserve since the early stages of development in 1993.

There are currently 21 courses in the country who are participating in the Signature Program, four of those in Florida.

Collier's Reserve and Summerfield are the only two of the 21 who have achieved Signature Status to date. The other two golf courses in Florida participating in the Signature Program are Indian River Country Club and the PGA at the Reserve. For more information on this program, contact the Audubon Society of New York at 518-767-9051.



## JOB CHANGES

Brook Tymeson, formerly at Crystal Lake CC is now superintendent at Fort Lauderdale CC.

Joe Pantaleo, formerly at Ft. Lauderdale is now superintendent at Delaire GC.

Mark Richard, CGCS, formerly at Greynolds GC is now superintendent at Key Biscayne.

Gary Grigg, CGCS, formerly at Naples National GC is now at Royal Poinciana.

Rick Bell, formerly at the Rotunda is now at Stoneybrook CC.

David Sobotka, formerly at Plantation GC is now at Foxfire GC in Naples.

The Moore bothers, Ron and Roger, have moved from Ft. Myers to the Suncoast chapter's Oakford GC and Waterford CC respectively.

Bill Lanthier, CGCS, formerly at North Palm Beach CC is now superintendent at Mariner Sands CC in Stuart.

Allen Brissenden, superintendent at Kissimmee GC has recently become certified. Congratulations Allen.

Mike Davis, formerly at Fisher Island CC in Miami is now at the new Medalist GC in Hobe Sound.

Jimmy Lawrence, formerly at Wekiva GC is now at Southridge GC in Deland.

Roy Tyler, CGCS, is the new superintendent at Capital City in Tallahassee.

## DNA TURFGRASS IDENTIFICATION SEMINAR

The Palm Beach GCSA is sponsoring an informative seminar on DNA turfgrass identification on Wednesday, March 22. Registration begins at 9:00 a.m. The program will conclude at 4:00 p.m.

The morning session will include Dr. Peter M. Gresshoff and Dr. Loyd Callahan, Professors from the University of Tennessee, Plant Molecular Genetics, who will speak about turfgrass identification, contamination and research. Immediately following lunch, David Barnes will speak about the FTGA's re-establishment of a Bermudagrass certification program. All speakers will then be joined by Dr. Terri Nell from the University of Florida, Gainesville, and Dr. Phil Busey from the University of Florida, Ft. Lauderdale to make up a panel of experts for a two hour question and answer period.

If you notice you have different grasses throughout your course, or pesticide and cultural practices cause havoc to different off-type species, this seminar will be for you.

**Everyone is welcome! Bring your Chairman.**

DATE: March 22nd (Wednesday)

PLACE: Lake Worth Polish American Club Hall

COST: \$20.00 in advance;  
\$25.00 after March 17th

For further registration information, contact Palm Beach chapter president, Mike Bailey at 407-482-7224.

**BE INFORMED!! DON'T  
MISS THIS IMPORTANT  
DNA TURFGRASS IDENTIFICATION SEMINAR.**



Lakeland, Tampa, Ft. Myers  
813-665-5800  
1-800-330-8874

**GOLF VENTURES recommends  
the ideal all-natural  
Spring Greens Aerification Cultural Program  
for Strong Recovery from Transition:**

**PSA**

**RINGER 12-2-6**

**SAND-AID**

**GREAT GREENS OF AMERICA features  
the Gentle Giant of Aerification:**

**Deep Drill for Effective Compaction Relief,  
Deeper Rooting and Quick Turf Recovery!**

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**TIM HIERS, CGCS, RECEIVES NATIONAL RECOGNITION**

FGCSA Secretary  
Mrs. Marie Roberts  
1760 N.W. Pine Lake Drive  
Stuart, FL 34994

**ADDRESS CORRECTION REQUESTED**



Mascaro, John  
Turf Tec International  
4740 NE 12th Ave.  
Oakland Park, FL 33334

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