

THE GREEN SHEET



VOL. VI, PART IV, JULY/AUGUST, 1990

NEWSLETTER OF THE FLORIDA GOLF COURSE SUPERINTENDENTS ASSOCIATION

UPCOMING EVENTS

- July 2 South Florida chapter Annual Meeting, TPC at Eagle Trace
- July 13 Everglades chapter Annual Meeting, Palmetto Pines
- July 18 Palm Beach chapter Annual Meeting, Banyan
- July 18 Central Florida Annual Meeting, Orange Lake CC
- July 20-22 North Florida chapter Transition Tournament Palm Coast Resort
- July 25 Effluent Reuse Seminar Fort Lauderdale
- August 4 FGCSA Board Meeting, Grand Cypress, Orlando
- August 5 FGCSA Computer Seminar, Grand Cypress
- August 6 Crowfoot Open, Grand Cypress Resort, Orlando
- August 15 Joint chapter meeting - Palm Beach and South Florida chapters - Indian Creek CC, Miami
- Sept. 22 6th Annual Adam Walsh Tournament, The Clubs of Inverrary, Lauderhill
- Sept. 30- Oct. 3 FTGA Conference and Show, Orange Co. Convention Center, Orlando

FGCSA BOARD MEETING

The next FGCSA Board Meeting will be held on Saturday, August 4, 1990 at 1:00 p.m. in the Grand Cypress Conference Center. The Annual Meeting and Election of Officers of the FGCSA will be held at the conclusion of this meeting--approximately 4:00 p.m.. All interested FGCSA members are cordially invited to attend and become an active member of your association!



"The Clearing before the Storm"

Dave Oliver, resting at the Naples Beach Hotel and Club on Saturday. Who won this year's Poa Annuu Tournament? See Page 5 for details.



FGCSA Officers and Committee Roster



THE GREEN SHEET

EDITOR

Mike Bailey

16379 Country Lake Circle
Delray Beach, FL 33484
(407) 499-8480 (Recorder)
(407) 642-5125 Fax

EXECUTIVE SECRETARY

Mrs. Marie Roberts

1760 N.W. Pine Lake Drive
Stuart, FL 34994
(407) 692-9349
(407) 692-9654 Fax

PUBLISHER

Printers Choice, Inc.

175 Avenue "L"
Delray Beach, FL 33483
(407) 276-8339
(407) 276-8398 Fax

CIRCULATION

The Green Sheet is a bi-monthly FGCSA Newsletter printed as follows: Jan./Feb.; Mar./Apr.; Sept./Oct.; Nov./Dec. The Green Sheet is designed to be a current, up-to-date newsletter as compared to the "Florida Green" (an educational communication magazine.)

FINANCIAL SUPPORT

The 1990 FGCSA Green Sheet operating budget for issues Sept./Oct. thru July/Aug. is being financially supported by:

ESTECH FERTILIZER INC.
2121 3rd Street S.W.
Winter Haven, FL 33880
(800) 282-9588

CRITERIA

All material submitted for printing will be edited per the discretion of the editor. Material must be typed or clearly printed. All photos must be black and white (color photos reproduce poorly for this text). Items submitted must be for the good of the association.

DEADLINE

All material must be submitted prior to the 2nd Friday of the preceding issue, i.e. Aug. 10th or the Sept./Oct. issue and Oct. 12th for the Nov./Dec. issue.



**NEXT
EDITOR'S
DEADLINE**

August 10th

President, Joel Jackson, CGCS
(407) 876-4244

Vice President, Ray Hansen
(407) 495-0536

Sec./Treasurer, Tom Benefield, CGCS
(407) 622-0177

Immediate Past President
Cecil Johnston, CGCS
(407) 692-9349

Executive Secretary, Marie Roberts
(407) 692-9349; Membership Services
Employment Referral
Membership Directory

Florida Green Editor, Joel Jackson
(407) 876-4244

Florida Green Ed. Asst., Tom Benefield
(407) 622-0177

Florida Green Publisher, Larry Kieffer
(813) 967-1385

Green Sheet Editor, Mike Bailey
(407) 499-8480

Fund Raising, Joel Jackson, CGCS
(407) 876-4244

Public Relations, Mark Jarrell, CGCS
(407) 965-0046

Education, Walt McMahon, CGCS
(407) 686-4700

Voting Delegate/By-Laws, Cecil Johnston
(813) 962-3018; Government Regulations

Membership, Tom Benefield
(407) 622-0177

FTGA, Larry Livingston, CGCS
(813) 922-0833

Research, Kevin Downing, CGCS
(407) 220-1010

Golf/Crowfoot, Joe Ondo, CGCS
(407) 657-7565

Ethics, Paul Crawford
(407) 845-2395

Long Range Planning, Ray Hansen
(407) 485-0536

POA Classic, Bob Shevlin
(813) 499-8480

Survey Committee, Mike Bailey
(407) 499-8480

Advisory Committee, John Foy, USGA
(407) 546-2620

RELATED ORGANIZATIONS:

FTGA OFFICE: (407) 898-6721

GCSAA: (800) 472-7878



PRESIDENT'S MESSAGE

by Joel Jackson, CGCS

At last month's FGCSA Board meeting in Naples, Vice President, Tom Benefield, Chairman of the Government Relations Committee, requested each Chapter to name a member to serve on the committee. The idea being, that we can more efficiently and equitably attend hearings and meetings held around the state by water management districts, DER, EPA, and other agencies. If your Chapter hasn't done so, please get those names to Tom as soon as possible. We must continue to network the most current environmental and regulatory information in order to address the issues in a timely manner. Frank Cook and Chip Lewison of the West Coast Chapter attended a Southwest Florida Water Management District meeting on "Caution Use Rules", which had some language that could affect irrigation practices, and Scott Bell attended a DER hearing which further addressed Underground Storage Tank regulations. It will take this kind of unified participation by all members for our industry to survive.

Dr. Tom Latta, FTGA Vice-President of External Affairs, reported at the Poa Annua meeting that our recent letter writing campaign was not successful in gaining the sought after funds for the Turfgrass Industry Survey, but we did make our presence felt. I encourage you to continue to write your legislators everytime an issue surfaces. They need to become very familiar with who we are and what we're all about.

We also recently caught the attention of the GCSAA with our record setting donation last February, and by the fine work of the members of the Conference and Show Committee. Gerry Faubel, President of the GCSAA attended the Poa Annua and sincerely pledged to provide meaningful support for our efforts here in Florida. Speaking of GCSAA, I'm serving on the Nominating Committee this year. We will be meeting in September to consider a slate of candidates for 1991. If you have any ideas or suggestions, please give me a call.

The Georgia Turfgrass Association has approached the FGCSA to consider a joint effort to help finance a study of genetically fusing bermudagrass and bentgrass. The technology is available to physically fuse the genes, but the viability and the characteristics of the plant are of course unknown. Let me know what you think of this idea, and if we should consider participating.



"DR. HORN" HONORED

The Commissioner of Agriculture for the State of Florida, Doyle Connor; Dr. G. L. Zachariah, Vice President for Agricultural Affairs of the University of Florida's Institute of Food and Agricultural Services, Mr. Bob Yount, Executive Director of the Florida Turfgrass Association joined other leaders of the State's Turf Industry to honor posthumously, Professor Emeritus of Ornamental Horticulture, Dr. G.C. Horn on May 9th and 10th.

Dr. Horn's recommendations for The Care of Warm Climate Turfgrasses won him world-wide acclaim. He developed the chinch bug resistant "Floritam" variety of St. Augustine grass; advanced the technology for nematode and weed control, overseeding, fertility enhancement and bermudagrass cultural practices. Dr. Horn died in 1988.

Dr. Zachariah presided over a dedication ceremony which named the present Turfgrass Field Laboratory Station at the University of Florida's Gainesville campus the G.C. Horn Memorial Turfgrass Field Laboratory. This Field Laboratory consists of 5.5 acres of irrigated turf plots, a classroom building with office, storage and laboratory; and equipment storage and maintenance building, facilities for soil, fertilizer and heavy equipment storage.

At the same time, Mr. Ralph White and Mr. David Barnes, Co-chairmen of the G.C. Horn Endowment Fund Contributor's Dinner announced this fund now approaches \$60,000 with a goal of \$100,000, which when combined with state matching funds will be used to fund a post-doctorate candidate in Turfgrass Research studies. At this dinner, hosted by The Florida Turfgrass Association, the well known Golf Course Architect Ron Carl, a former student of Dr. Horn's presented his own personal check for \$5,000 to the Endowment.

White, Barnes and members of the Horn family who attended the dedication all stated that "G.C. Horn would be very proud of this facility bearing his name."



FTGA APPROVES ENVIRONTRON

The Florida Turfgrass Research Foundation Board of Directors voted on June 1, 1990 to fund the state's first Environtron. The Environtron, an enclosed structure for the study of turfgrass will be located on University of Florida property in Gainesville, Florida.

The structure will be a field laboratory with components for root zone, greenhouse and other controlled environment features. The complete Environtron will consist of 3,172 square feet of phytotron, head, house, storage, wet laboratory, rhizotron with automatic retractable rain shelter and living quarters. Adjacent non-environtron support facilities for turf maintenance equipment, irrigation and pesticide storage will be provided. Cost to construct this state of the art facility is \$700,000 which would include some environmental control and monitoring equipment necessary for its operation.

The goal of the Florida Turfgrass Research Foundation is to raise funds of \$350,000 by March 15, 1991. Under State of Florida guidelines, gifts for research facilities may be matched 100% from Florida's Capital Facilities Matching Trust Fund. This matching of funds would occur on or before April 1, 1991, providing the \$700,000 to build this unique facility.

If Florida is to maintain its leadership in the turf industry, research is needed to identify enhanced ways to develop, grow and maintain turf as the ground cover of choice with minimal negative environmental impact. The finest scientists and best research programs cannot fulfill their potential without access to state-of-the-art laboratory. The Environtron will provide this type of a facility.

CROWFOOT OPEN

This year's Crowfoot Open will be held on Monday, August 6, at the Grand Cypress Resort, Orlando. The golf tournament will be played on the South 9 and the East 9 at Grand Cypress.

The Crowfoot Committee has again obtained a special rate for lodging from the Villas of Grand Cypress. Registration forms and housing information is available through your local chapter secretary.

The Banquet will be held on Sunday night, August 5 at the Grand Cypress Convention Center. Please note that the FGCSA Distinguished Service Award and the President's Award for Lifetime Service will be presented at this dinner.



FLORIDA TURFGRASS CONFERENCE AND SHOW Sept. 30 - Oct. 3, 1990

Exhibitors from all over the United States, Canada and England will welcome you to the largest, warm season Turfgrass Trade Show in the southeast. On three days, a great variety of services, products and equipment will be displayed for the Turfgrass Professional at the Turfgrass Paradise FTGA '90!

The Workshops and Seminars will cover Environmental Regulations and Enforcement Policies, Biological Control Programs and Advanced Turf Management Practices. Recognized authorities in Florida's Turf Industry will present Hands-on Workshops and Seminars. Continuing education credits will be offered for selected topics.

The Research Update Program by the University of Florida, IFAS, will present current facts for the Turfgrass Industry from a full year's research.

Plan now to attend the Florida Turfgrass Annual Conference and Show at the Orange County Civic/Convention Center, Orlando, Florida, September 30 - October 3.

For more information call (407) 898-6721 or Fax (407) 894-3975.





Excerpts from 1990

The Spring 1990 meeting of the FGCSA Board of Directors was called to order by President Joel Jackson at 1:30 p.m. on Sunday, May 20, 1990 at the Naples Beach Hotel.

Dick Blake was designated to serve as Past President since Cecil Johnston has accepted a position in Thailand. All other officers were present.

FINANCIAL REPORT: Tom Benefield distributed an addendum to the Financial Statement showing that the Florida Green has transferred \$22,000 to the FGCSA account to be used as the Florida Green Reserve and should not be used for FGCSA expenses. In answer to a question, Dan Jones explained that this Reserve has been accumulated over the past several years and would be used if the FGCSA had to takeover publication of the magazine at some time in the future. Therefore, the current FGCSA checking account balance now stands at \$24,375.73. The Financial Statement was approved.

BUDGET: Tom Benefield presented the 1990-91 budget worksheet in preparation for submitting a final budget for approval at the Crowfoot Board Meeting. He has forecasted a slight decrease in membership (to 650) in the event that there is some negative fallout due to the dues increase. Tom then went over each expense item for the Board to review. Increases were suggested in the following categories: 1991 GCSAA Convention, 1991 Golf Team, Awards, The 1991 Survey, and possibly Government/Environmental Regulations. A discussion was held regarding a suite to be used for interviewing candidates at the 1991 GCSAA Convention in Las Vegas. A motion was made that we reserve a suite for one night to interview candidates. **The motion was approved.** It was also suggested that the suite could be used as a hospitality suite. Tom Benefield would look into the costs for maintaining the room as a hospitality suite for one or two nights and would report back to the Board in August.

At this time, the Board passed a

motion to increase the Executive Secretary's salary to \$14.00/hour and to increase the office rent paid to her to \$100/month effective in July. A motion was also passed to pay expenses for the Executive Secretary to attend the National Conventions and maintain a suite for interviewing GCSAA candidates.



GCSAA: Jerry Faubel, President of the GCSAA, thanked the FGCSA for hosting the past Convention and for our generous contribution to Turfgrass Research. He stated that the GCSAA is organizing a campaign to better serve its chapters, and is planning to use the FGCSA as a guide for other chapters. He spoke on a new structure for Committees so that special issues will be taken care of immediately and problems in the field can be settled more efficiently. He also discussed a proposed change in the GCSAA voting system.

FLORIDA GREEN: Since Larry Kieffer is recuperating from minor surgery, Dan Jones gave the report. He stated that Larry has agreed to purchase the FGCSA computer, Imagewriter printer and related software for the original purchase price of \$7,116. A motion was made to allow Janlark Communication to work off this debt through additional services that are not connected with the magazine. The motion was approved.

Dan Jones reported on the final turnover of funds to the FGCSA. He distributed a list of Receivables that

amount to \$3,672.35 which when added to the final closeout of the Florida Green checking account (approximately \$2,000) would amount to \$22,000 for the Florida Green Reserve. He suggested that this money should be invested and let accumulate to a maximum of \$50,000 which would represent the cost for one issue (\$30,000) plus approximately \$20,000 for start-up fees should the FGCSA have to take over publication of the magazine in the future.

Joel Jackson thanked Dan and Irene for their many years of service to the FGCSA. He presented a motion to permanently turn over to Dan the desk, chair and camera he has been using for the past several years in appreciation for a job well done. The motion was approved.

MEMBERSHIP DIRECTORY: Marie Roberts explained that the Publications Committee had approved a business card sized ad to be sold for the 1991 Directory. All local supplier members will be notified that these ads are available for \$150 each and that each supplier who purchases an ad will be given a copy of the Directory. Local chapter secretaries were reminded to get their list of paid members into the office by August 1st so that the Directory can be printed in September.

EDUCATION: Paul Crawford reported that the Architecture Seminar held in the morning had 42 attendees with 15 no-shows which should give the Education Committee a slight gain on the Seminar. 27 attendees were CGCS who will receive GCSAA credit.

Paul mentioned that an informal survey of those attending indicated that 40 would be interested in attending the proposed GCSAA Regional Seminar in November. Choice of place was divided almost equally between Orlando and Palm Beach. A discussion followed on the merits of holding the Seminar in a central area - such as Orlando - or in a proven audience area - such as Palm Beach. Paul stressed that the Palm Beach area has a track record of good attendance in past FGCSA Seminars and the USGA Meetings

Poa Board Meeting

and stated that the Education Committee recommends holding the Seminar in Palm Beach. A motion was approved to hold the GCSAA Seminar in the Palm Beach area.

The Crowfoot Seminar will be held on Sunday morning, August 5, at Grand Cypress. The topic will be "Computers in Turfgrass Management". Speaker will be John Mervis of Clubmaster Software. Because this Seminar will offer some hands-on training, it will be limited to the first 40 registrants.

RESEARCH: Ray Hansen reported that this year's South Florida Exposition was another financial success with a net of over \$14,000. He distributed a copy of the Financial Report for the FGCSA Research Fund which shows a balance of \$31,000. He reported that the pump and all the irrigation equipment is in place and will be turned on next week. Grassing should be finished before the end of June. D & K Sprinkler donated their services for this aspect of the project.;

Tom Benefield reported on the financial aspect of Cecil Johnston's campaign for GCSAA Director. Cecil has now accepted a position in Thailand and his address is available through the FGCSA office. Most of Cecil's expenses were covered by the \$1,000 donation made by the West Coast chapter.

FTGA: Tom Latta reported that the Turfgrass Survey will not be included in the state budget again this year. However, he did feel that all the letters generated made a positive impact on our Legislators. He then discussed chemically sensitive, HRS problems. Hearings will be held within the next 60 days to determine criterion. The FTGA needs help in finding sources to provide valid guidelines. He concluded the discussion by reminding all present that one mistake with chemicals or improper applications can nullify all of the good things we do to promote our industry.

USGA: John Foy stated that the USGA will hold two Regional

Seminars in Florida next year. He noted that attendance at this year's Seminar was lower probably because the mailing done by the college was late and many did not receive any notice. The USGA has sent Environmental Requests out to Universities around the country. Oklahoma State would like to test strains of bermudagrass. He also stated that 5,000 square foot plots are needed in the West Coast and Orlando areas. If a golf course in your chapter would be interested in participating in this Research Program, please contact John.

GOLF: Joe Ondo reports that there are 70 shoe bags left over from the National Tournament. The FGCSA and the Central Florida chapter contributed jointly to their purchase. Joe stated that if the FTGA uses a new format, we may need to change our criterion for the state team.

CROWFOOT: Joe Ondo distributed entry forms to all External Vice Presidents for each chapter. Tom Benefield suggested that it would be a courtesy if both the Poa and the Crowfoot Committees would send a separate entry form to each FGCSA Board Member. Joe reported that the South 9 and East 9 at Grand Cypress would be used for their tournament which will be held on Monday, August 6th.

AWARDS: Joel Jackson said that nominations for the Distinguished Service Award have been received and the Award will be presented at the Crowfoot dinner. Additional nominees have been received for the President's Award. Those receiving the Award for this initial year will be Bob Sanderson, Paul Turcotte, Carl McKinney, Bud Quandt and Adam Yurigan. A letter will be sent to the respective chapters notifying them that their candidate will be receiving the Award. Each Chapter President should then notify their candidate, collect some background material, and be prepared to present the Award at the Crowfoot.

GOVERNMENT RELATIONS: Tom Benefield led a discussion on the level of commitment that will be

needed in the next year to deal with environmental and governmental regulations. He urged all chapters to have a Representative on this committee. Joel Jackson noted that Chip Lewison will be the FGCSA Representative on Groundwater Contamination. Mark Jarrell noted that his latest article in *Golfweek* deals with the test wells at PGA National and Boca Lago. He stated, "whereas no traces of contamination could be found on the golf courses, some "hits" had been found in agriculture areas. He suggested that we may have to separate ourselves from the agriculture industry in the future if this proves to be true.

NOMINATIONS: Nominations for new FGCSA Officers are Ray Hansen - President; Tom Benefield - Vice President; Mark Jarrell - Secretary/Treasurer; Joel Jackson - Past President. Officers will be elected at the Crowfoot Board Meeting which will be held on Saturday afternoon, August 4th.

POA RESULTS

The following is the list of winners in this year's rain-shortened Poa Annu Golf Classic:

Everglades GCSA, the host chapter, won the team title this year. Members playing for Everglades chapter were Mark Atwood, Jack Simpson, Wayne Kappauf and Lou Conzelmann.

Superintendent's Division:

First Place Gross: Dave Oliver
First Place Net: Mark Atwood

Second Place Gross ... Peter Brooks
Second Place Net: Jerry Redden

Third Place Gross: .. Wayne Kappauf
Third Place Net: Dale Reash

Fourth Place Gross: ... Mark Hopkins
Fourth Place Net: Jack Simpson

Supplier Division:

First Place Gross Gordon Lewis
First Place Net Nat Hubbard

Second Place Gross .. Morgan Evans
Second Place Net Walter Shirey

The Poa Committee hopes everyone had a good time during the weekend despite the bad weather on Monday. The tournament raised over \$4,000 for turfgrass research.

NORTH FLORIDA TRANSITION TOURNAMENT

The North Florida chapter of the FGCSA is sponsoring their 1990 Transition Tournament at the Sheraton Palm Coast Resort on July 20 through July 22.

This weekend has been a very popular event in the Jacksonville area for the past ten years. Prior tournaments have been held at the Ponte Vedra Beach Resort and the Ponce de Leon Resort with last year's event held at Palm Coast. This is a family oriented outing with activities scheduled for old and young alike. The tournament is open to North Florida members and applications have also been sent to all other local chapters in the FGCSA.

The golf tournament is limited to 144 players. Practice rounds will be played by the first 80 registrants on Friday, July 20, at Hammock Dunes GC - Dwight Kummer, Superintendent. The Opening Round of the Tournament is scheduled for Saturday at Matanzas Woods GC - Brigid Braun, Superintendent. Then on Sunday, the Second Round will be played at Pines Lakes CC - Fred Kleinfelder, Superintendent. The tournament concludes with a buffet brunch and awards presentation on Sunday afternoon.

Proceeds of the tournament are used for turfgrass research and for two scholarships presented to Lake City Community College students from the North Florida area.

ADAM WALSH TOURNAMENT

The 6th Annual Adam Walsh Tournament will be held on Saturday, September 22nd at 8:30 a.m. at the Clubs of Inverrary in Lauderhill. Registration fee is \$60.00 per player.

Sponsorship forms and entry blanks will be mailed shortly. For more information, contact Bill Entwistle, Jr. at (305) 435-6169.

POSITION DESIRED

Assistant Superintendent available. B.S. degree from Duquesne University and 24 credit hours in Turfgrass Management Program at Palm Beach Community College. Contact Rich Cerner, Broken Sound Club, at (407) 994-8510.

RESEARCH CONTRIBUTION

The Everglades chapter of the FGCSA presented a check for \$1,000 to the FGCSA Research Fund.

The money was raised at this year's 4th Annual InterClub Tournament held at the Vineyards CC in Naples, Peter Metcalf, Superintendent. This is an annual event which is held in the Naples/Fort Myers area by the Everglades chapter.

The tournament is played by four man teams consisting of the superintendent and club officials from member clubs in the area. The tournament is very popular with the members and is usually sold out with 26 teams participating. Proceeds are donated to turfgrass research.

PRESIDENT'S AWARD FOR LIFETIME SERVICE

Nominations have been received by the FGCSA for the first recipients of the President's Award for Lifetime Service. This award is meant to honor those pioneers who were instrumental in the growth of our association.

Presentation of these awards will be made at the Crowfoot Open banquet on Sunday, August 5th, at the Grand Cypress Convention Center. Presidents of the respective FGCSA local chapters will present the awards to their nominee.

BACHELOR OF SCIENCE DEGREE OFFERED IN FORT LAUDERDALE by Stephen D. Verkade

For more than four years, the University of Florida's Department of Environmental Horticulture (formerly Ornamental Horticulture) has been offering a unique educational opportunity at the Fort Lauderdale Research and Education Center. This innovative program enables students to earn the Bachelor of Science degree in Ornamental Horticulture, without relocating to the Gainesville campus of the University of Florida. An important option within this program is Turfgrass Culture.

Currently, 19 courses (60 credits) are offered at the Fort Lauderdale Research and Education Center. When taken upon completion of an Associate of Arts degree (available at Community Colleges), students can apply these course credits toward a Bachelor of Science degree from the University of Florida. The University of Florida curriculum in South Florida is cooperative. In addition to courses offered at the Fort Lauderdale Center, the program draws upon Science courses available at other area colleges including Florida Atlantic University and Florida International University. Course work taken at these schools include Chemistry, Plant Physiology, Genetics and Physics.

Horticulture courses at the Fort Lauderdale Research and Education Center include Turfgrass Culture, Turfgrass Science, General Soils, Principles of Entomology and Laboratory, Landscape Practices and Arboriculture, Basic Plant Pathology, Environmental Factors in Ornamental Crop Production, Cultural Factors in Ornamental Crop Production, Plant Propagation and Laboratory, Nursery and Foliage Container Production Laboratory, Culture and Production of Aquatic Plants, Principles of Horticultural Taxonomy, Commercial Production of Foliage Plants, Production of Floricultural Crops, Horticulture Seminar, Retail Florist Shop and Garden Center Management, Palm Production and Culture.

NEWLY CERTIFIED

Congratulations to Pat Sneed and Brigid Braun for being designated Certified Golf Course Superintendents since our last Green Sheet! The GCSAA's total of Certified Superintendents living in the state of Florida now stands at 97 out of the 1,100 in the nation. There are more Certified Superintendents in Florida than in any other state.

Pat Sneed has been Superintendent at Sara Bay Country Club in Sarasota for the past two years. Prior to moving to Florida, Pat served as Superintendent for five years at Tupelo CC in Tupelo, Mississippi.

Pat is a member of the Suncoast chapter. He is married and has a four year old son, Will.

Brigid Braun became the fourth woman in the nation to attain Certified status last April. She is currently Superintendent at Matanzas Woods GC in Palm Coast. Prior to that, she served as Superintendent at University Country Club in Jacksonville. She has been a member of the North Florida chapter for many years.

COMPUTER SEMINAR

The FGCSA Education Committee will sponsor a 5-hour seminar on "Computers in Turfgrass Management" on Sunday, August 5, at the Grand Cypress Conference Center. The seminar will begin at 7:30 a.m.. The instructor will be John Mervis, of Clubmaster Software.

Course content will include:

- Computers: What they are and What they do
- Computer Hardware
- Generic Computer Programs
- Government regulations and maintaining accurate records
- Question and Answer period

All interested parties are invited to attend. Because the program will include hands-on training, we must limit this seminar to the first 40 registrants. Registration fee is \$40.00 and pre-registration is a must. The seminar has been approved by the GCSAA for 5 CEU's.

FROM THE DESK OF RUSS MITCHELL

Herbicide Applications

Summer means lots of grassy weeds, sedges and spurge for most Florida Turf Managers. Goosegrass is always a problem and the rainy season brings sedges. Spurge is a problem in weak areas where nematodes are heavy. Let me quickly go over some strategies for control of these weeds...

1) The old standby of MSMA and 2,4-D tank mixed. This gives a very wide range of control on grassy and broadleaf weeds. Rates of 2-3 pts. per acre of MSMA 6.6 and 1 pt. of 2,4-D are very effective and 419 bermuda is very tolerant. Take into account drought stress, etc. Spray every 5-7 days with your first application both MSMA and 2,4-D. Second application MSMA alone. Third application 2,4-D and MSMA if necessary one more shot of MSMA. The two applications of 2,4-D should knock out the broadleaves and there seems to be a synergistic effect of these two chemicals on both types of weeds. A 3-way product can be substituted for the 2,4-D at the recommended label rate for even broader control.

2) When grassy weeds are your primary concern MSMA and Sencor tank mixed is excellent. 419 is very tolerant of Sencor but Ormand is not! If you have anything other than 419 be very wary of Sencor. The wetter the soil the more active Sencor is due to root uptake so keep this in mind. Apply at the rate of 1 oz. per 1,000 sq. ft. and 2 oz. of Sencor per ACRE. A little dab will do ya. Make 3 applications 4-5 days apart with the first two MSMA and Sencor. The third application should be MSMA alone. Remember to keep Sencor use to 8 oz. per acre per year or problems can develop.

With both MSMA mixes or alone add 1 qt. per 100 gallons of spray mix as a non-ionic wetting agent/crop oil surfactant like Ag-oil 83/17 or Agridex.

3) The new kid on the block for goosegrass control only is HOELON. This product is super for greens and tees. It takes it right out with no damage to the turf. If greens

are cut under 1/4" you could see some yellowing. In fairways it is very important to mow just prior to application to get good control and can even still be spotty if clippings are heavy. Use a surfactant like the ones listed above. Some people prefer a sticker instead like Nu-film 17 or X-77. These work well but not as well as the crop oils. I know why they use them though because they get some burn from the oils in summer and they do not from the stickers. In most cases the tip burn is worth the added efficacy.

The stickers stick, but the crop oils burn through the waxy cuticle of the plant. Control in the roughs is so spotty with Hoelon that I do not recommend it. Some superintendents get good control but they get it early in the Spring when the plants are young. Also remember that it takes up to three weeks to see a kill. Rates for Hoelon range from .75 to 1.5 oz. per 1,000 sq. ft. 1.5 oz. per year is the max.

4) Another product to remember is IMAGE. When tank mixed with MSMA you get control of sedges, grasses and some broadleaves. This mix should only be used on actively growing turf from May through Sept.. Rates on Image are .5 to 1 oz. per 1,000 sq. ft.

Remember, that no matter what you are spraying for, proper coverage is the most important part.

JOB OPENING

Assistant Superintendent needed at Foxfire CC, Naples. Contact Augustine Lucio at (813) 643-1055.

JOB CHANGES

Ray Hansen from Ocean Reef Club, Key Largo to Delair CC, Delray Beach.

Jack Ostrander, CGCS to Martin County Golf Course, Stuart.

Art Helm from The Falls CC to Boca-Delray CC, Delray Beach.

Bobby Ellis from Lake Region Y&CC to Grassland G&CC, Lakeland.

Robert Dignin, Glen Eagles CC to Westchester CC, Delray Beach.

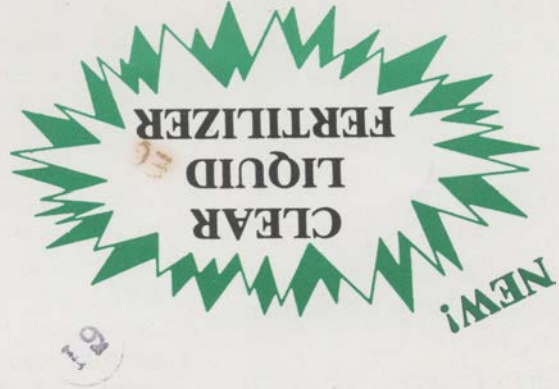
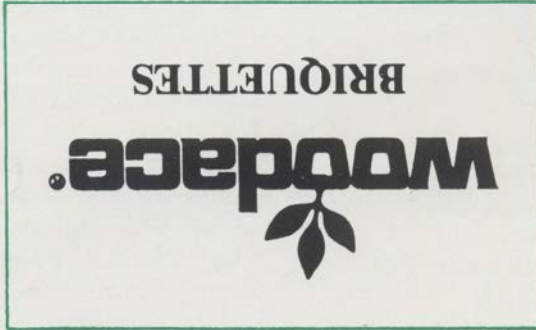
Kevin Patten from Carolina CC to Pifer, Inc., Indiantown.

FLORIDA EAST COAST
W.E. "BILL" RAYSIDE
970 S. PATRICK CIRCLE
WEST PALM BEACH, FLORIDA 33466
(407) 684-6958

NORTH & CENTRAL FLORIDA
DWIGHT "BUTCH" SINGO
802 LIVE OAK LANE
OVIEDO, FLORIDA 32765
(407) 365-2923

FLORIDA WEST COAST
C. LESTER MCMULLEN
1569 OAK LANE
CLEARWATER, FLORIDA 33516
(813) 531-7171

par EX slow release fertilizers WITH IRON
PROFESSIONAL PRODUCTS



Branded Fertilizers, Inc.

SELVITZ ROAD
FT. PIERCE, FLORIDA 33450
(407) 464-3511
1-800-329-4238

ESTECH

2121 3rd STREET SW
WINTER HAVEN, FLORIDA 33880
(813) 293-3147
1-800-282-9588

DR. HORN HONORED, ENVIRONTRON APPROVED

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

First Class Mail
U.S. Postage
PAID
Permit # 137
Stuart, Florida



Cookingham, Peter
Turfgrass Information Center
MSU: W-212 Library
East Lansing, Michigan 48828