



THE SOUTH FLORIDA GREEN

VOL. 5

APRIL, 1978

NO. 2



The South Florida Green

The Official Bulletin of the South Florida Golf Course Superintendents Association

BOARD OF DIRECTORS

Leroy Phillips President <i>General Development Corporation Properties</i>	Fred Klauk Secretary-Treasurer <i>Pine Tree Country Club</i>
Tom Burton President Emeritus <i>Coral Ridge Country Club</i>	Phil Amman Director <i>Bonaventura Country Club</i>
Dan Jones, C.G.C.S. Vice President <i>Aventura Country Club</i>	Vince Spano Director <i>Atlantis Golf Club</i>
	Alan Weitzel Director <i>Dade County Parks & Recreation</i>

CONTENTS

President's Message	1
On The Forefront	2
R. A. Atilano Joins Research Center	4
A Different Point of View	5
Recently	7
Professionals Prepare Way for Professionals....	8
Can You Top This?	13
It All Happened	14
At The National	15
Super Ideas	19
Florida Turfgrass Association Report	21
Editorial	24

"ON OUR COVER"

Jack Nicklaus . . . hitting to 17th Green during second round of 1978 Doral-Eastern Tournament.

Color photograph by Harry McCartha.



Dan Jones, C.G.C.S., Editor
Aventura Country Club



Dr. Max Brown,
Associate Editor

Susan F. Edwards, Editorial Supervisor
Aventura Country Club

Staff Writers:

Dave Bailey, *Breakers Country Club*

Guy Williamson, *Woodmont Country Club*

Harry C. Lincoln III, *Boca Raton Hotel & Club*

Photography:

Harry McCartha, *Henderson & McCartha*

Advertising:

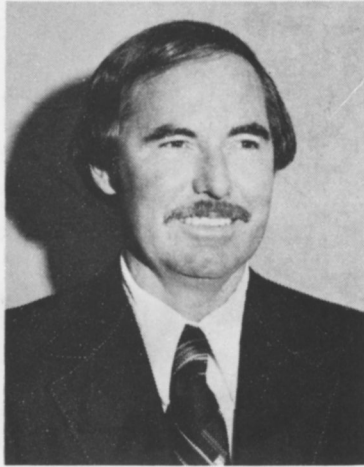
Guy Williamson — Broward County

Mike Dmytriw — Dade County

Scott Sincerbeau — Palm Beach County

NOTICE: All correspondence concerning business matters, circulation, editorial and advertising should be addressed to the Editor, 7521 N. W. 12th Street, Plantation, Fla. 33313. Opinions expressed by writers in by-lined editorials are not necessarily those of this publication. "The South Florida Green" is published quarterly; the 1st of January, April, July, October. Closing date for advertising and copy is 45 days prior to publication. Not copyrighted. Please credit the author and "The South Florida Green."

President's Message



Spring is here and so is all the growth and mowing that follows. The weeds and insects will come also. This means we will shift our attention from overseeding and poa annua problems, to the continuous mowing and spraying, for about the next seven months. Now is the time to put new bedknives on the mowers and new spray tips and screens on the spray machines, as we will no doubt be busy.

The winter guests will probably be going home in late April, leaving you the worn-out golf course for repairs. With the cold weather in the North, this has been an exceptionally good year for business. However, all the traffic will reflect in wear on the golf course.

This is a good time to take a notebook and make notes of weak areas where traffic patterns can be changed or areas where new cart paths may be added to eliminate a repeat in the same areas next year. This will no doubt help you in planning your summer work program.

We have had changes in the South Florida Golf Course Superintendents Association, with the changes relating to bylaws. The basic format of future meetings will consist of one general meeting, instead of two as in the past. The Florida Turf-Grass Association has also experienced changes. These changes in both Associations are good for the growth of the industry and each needing the full support of golf course superintendents and other related industries.

The Poa Annua Classic was a booming success. The tournament was a tie between the South Florida Superintendents Association and the Everglades Superintendents Association. Well, better luck next year!

B. Erney Phillips

ON THE FOREFRONT

by
DAVID BAILEY
and
S F. EDWARDS



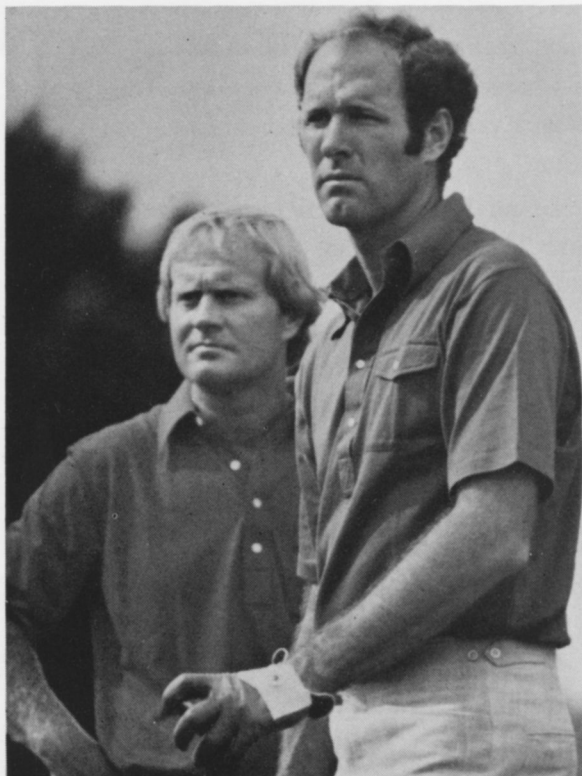
DAVID BAILEY

The golf business had an unparalleled growth period in the 60's. Much of it was built around the success of Arnold Palmer. His pattended charging finishes are legendary. With the likes of recent events, the 70's promise more and more progress and growth for our industry.

Jack Nicklaus put on a display at our two local tournaments that would have made even "Arnie's Armies" shudder with excitement. It is difficult to have an early season tournament become a classic. It's like having a May baseball game of World Series interest. It seldom happens . . . but it does and it did . . . right here!

Televised final rounds of the Jackie Gleason Inverrary Classic and Doral Eastern Open could not show all the excitement surrounding these now classic days. Emotion rode high in the gallery and spilled over to the players.

Gone are the days when anyone disputes that Jack Nicklaus is the golfer's golfer. He is the man with the Golden Wedge. Out of contention after nine at Inverrary, with Grier Jones leading the field by four strokes the day seemed bleak for Jack. Then the fireworks began. On the tenth hole he started his round of tap



JACK NICKLAUS - TOM WEISKOPF

in birdies, followed by a birdie on the eleventh. The 14th hole was the key . . . the long to remembered Nicklaus charge to victory.

The Golden Bear chipped in a pitch and run shot with a six iron. The gallery became frantic with the shot. The exhilaration woke the sleeping giant. The par five next hole was taken by a 15 foot putt to the bottom of the cup. The excitement increased. Jones was still in the lead but Jack Nicklaus was on his way.

On the par 3, 16th hole, Nicklaus overdrove the green by 12 feet. Only to come back to chip the ball in with a wedge shot. For the first time it looked as if the Golden Bear could take the day. He nodded to his caddie, Angelo, who responded with a clinched fist for victory. But Grier Jones was still playing a solid game and Jack needed a strong, strong finish. Two holes to play, Jones leading by two.

Both Jones and Nicklaus reached the long par four 17th in two. Nicklaus 25 feet away, Jones only four feet away from the now critical pin. Encouraged by an increasingly rowdy crowd, Nicklaus putts . . . right into the cup. The pressure shifts to Jones leading with now only one. Jones putts, missing.

Nicklaus takes on the 18th hold by splitting the dogleg with a three wood off the tee. Jones outdrives Nicklaus. Jack takes his second shot placing the ball three feet from the cup. Jones coolly sends his second shot fifteen feet from the last pin. The noise and thrill of the 30 thousand spectators rises to meet any comotion raised in an Augusta tournament. Jones misses his putt. Nicklaus puts his in for his fifth birdie in as many holes. "Things in motion tend to stay in motion" . . . no doubt about it. Inverrary was taken by a Golden Storm.

Two weeks later the PGA tour returned to South Florida turf for the Doral-Eastern Open. Rain during the week meant a 36 hole Sunday final. With the Inverrary results still much on the minds of all and Nicklaus tied for the lead, a record gallery followed the day.

Seemingly stuck in neutral, Nicklaus lost five strokes to Tom Weiskopf in the morning round. Just like Grier Jones at Inverrary, Weiskopf was playing solid and in high glow.

A tee shot in the water on the par four 3rd hole put Nicklaus over par after eight holes. The par three 9th changed the Nicklaus drama. Missing the green, he turned around to chip it in for a birdie. The 10th hole, par five saw Nicklaus out hit Weiskopf in two.

ON THE FOREFRONT (Continued)

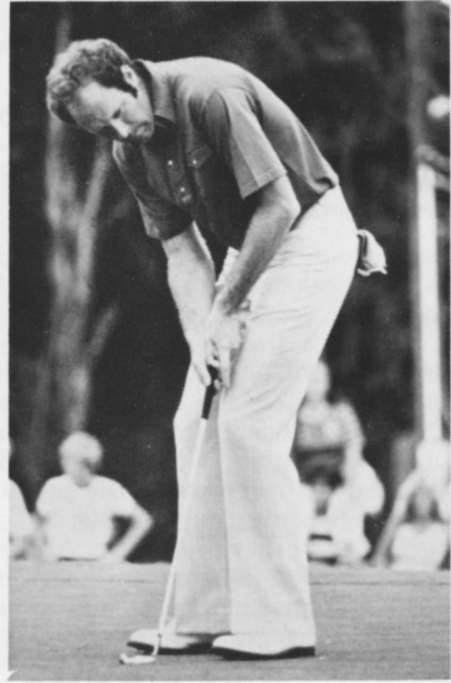
Weiskopf's third shot, a flip wedge, left him an eighteen foot side hill putt. Jack returned with a 55 yard sand wedge off the turf, landing twenty foot short of the cup, only to roll, roll, roll right in. An eagle three! Shades of victory at Inverrary. Tom Weiskopf remains unruffled and strokes in a confident birdie putt. The play continued to be one thrill after the other. Weiskopf could not be shaken and Nicklaus pulled rabbit after rabbit out of his bag, including two eagles in three holes, both from off the green. Exciting even himself, a rare moment of emotion gave way when Nicklaus threw his wedge into the air. A fan from the gallery ran to congratulate Jack on his latest eagle, no marshal to stop him. They too were caught up in the momentum of the day.

The 18th hole is rated by many golf experts as one of the great finishing holes in the game. Water on the entire left side of the hole. Nicklaus hits first and splits the fairway. Weiskopf follows with the same shot, five yards short of Nicklaus. Jack looks at Tom with a smile and Weiskopf returns with a smile and determined look.

The approach shot on the 18th saw Weiskopf hit first. Changing clubs three times to hit a safe seven iron to the fat part of the green away from water. Nicklaus had to go for the pin. He hit to the left and rolled near the water. Weiskopf is far and putts a perfect lag, two feet from victory. Or is it? Nicklaus must hole out to tie. Nicklaus shoots and misses. He is also the first to congratulate a beaming Weiskopf.



JACK NICKLAUS



TOM WEISKOPF



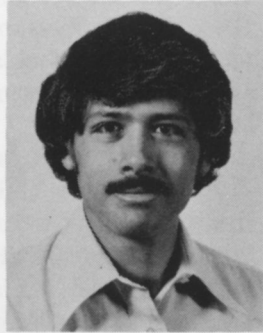
JACK NICKLAUS



TOM WEISKOPF

RAYMOND A. ATILANO JOINS RESEARCH CENTER

Dr. Raymond A. Atilano recently assumed the position of Assistant Professor (Plant Pathology) at the University of Florida's Agricultural Research Center, Ft. Lauderdale, Florida.



Raymond A. Atilano

A native of California, Dr. Atilano obtained a B.S. degree from California State Polytechnic University, a Masters degree in Plant Pathology from Cornell University and a Ph.D. degree in Plant Pathology from the University of California at Riverside. He served in the Peace Corps in Nigeria prior to entering graduate work at Cornell. He worked for one year as a Staff Research Associate in grape disease research at the University of California at Davis and assisted in extension plant pathology activities at Riverside.

His assignment involves research on diseases of turfgrasses and ornamental plants. About 30 percent of his time will be devoted to working with extension agents and others on diseases of turfgrasses and ornamentals. Emphasis will be placed on developing preventive and other measures for controlling plant disease organisms and nematodes of those crop commodities. He will work as a member of an interdisciplinary team that is concerned with improving the production, protection and management of turfgrasses and ornamental plants for urban and other areas. Dr. Atilano will also provide the agricultural industry with current research developments through educational and extension programs and later direct graduate research programs in plant pathology.

Immediately before coming to Ft. Lauderdale, Dr. Atilano was a graduate research assistant at the University of California at Riverside where he conducted investigations on the uptake and biological activity of nematicides and on the interaction of mycorrhizae and the root knot nematode in grapes.

WELL AND PUMP INSTALLATION

Specializing in
Deep Well Turbine Pumps — Service and Repair
Maintenance Program Available

MAXSON WELL DRILLING, INC.

3328 N. E. 11th Ave. Oakland Park, Fla.
Phone 564-3419

IECO

16300 N. W. 49th Avenue
Hialeah, Florida 33014 / (305) 621-4677



HYDRAULIC POWER 5/7 GANGS

5-unit 3.35 m (11 ft.) 7-unit 4.57 m (15 ft.)

- * Hydraulic power allows one to seven units to be used separately or collectively
- * Hydraulic power lifts all units in and out of work and drives all cutting cylinders.
- * Heavy duty, 6-knife cutting units as standard or alternative floating head 8-knife cutting units for undulating conditions, especially recommended for golf course fairways.
- * Forward and reverse drive to cutting cylinders. Reverse drive allows back lapping for maintaining a keen edge on the cutters.
- * Height of cut ranges from 13mm to 90mm (1/2 in. to 3-9/16 in.)
- * Positive and precise cylinder to bottom blade adjustment.
- * Totally enclosed, precision cut gear drive to cutting cylinders.
- * Designed for easy mounting to tractors having category 1 or 2 linkage, 1-3/8" diameter 6-spline pto shaft with suitable mounting for pump gearbox and minimum of 34 hp at pto.
- * Floating Head units with front and rear rollers for the ultimate cut on fairways.

When you think of MILORGANITE in South Florida we hope you will continue to think of us

Harry McCartha



Please note our new name and telephone number:

HENDERSON and McCARTHA

Phone (305) 751-3459

P.O. Box 380396

Miami, Fla. 33138

Golf Courses Use More

MILORGANITE

Than Any Other Fertilizer



A DIFFERENT POINT OF VIEW

By MRS. IRENE (Dan) JONES



All of a sudden about a week before Dan and I were to leave for the 49th International Golf Course Conference and Show in San Antonio, Texas, we spontaneously arrived at a mutual agreement, idea, thought(?). I should write an article for "The South Florida Green" describing the conference from a wife's point of view.

The first important step for any wife and mother when planning a trip such as this is to provide for the family while you are away. And this concern is alleviated when my mother-in-law and father-in-law agree to take over for a week (having successfully raised ten children) staying with our two girls, the family dog, and one small hamper seemed like a vacation to them.)

... and so on Saturday, February 11th all systems appear "go" and we are on our way. Our flight from Miami is one hour late in boarding but finally we settle into our seats . . . and I immediately decide to conscientiously uphold my promise of an article for the magazine . . . as I begin to write, between sentences I catch phrases of a conversation between Dan and the gentleman seated next to him. "I am flying out to San Antonio for the golf course conference," and at this point I discover the gentleman, Carlos Henriquez, is from Panama, S.A. He is the superintendent of the only course in Panama City, the 18 hole Club De Golf De Panama, S.A. (the only other course in Panama is located in the canal zone.) Their conversation is a familiar one to a Golf Course Superintendent's wife, it consist of greens, fairways, sand traps, rough, fertilizers, and in this case tropical weeds. Looking over I see them analyzing a grass sample that has materialized from one of their briefcases . . . the theme for the week has been introduced.

Arriving in San Antonio we discover that Carlos does not have any hotel reservations. With 5,500 golf course people expected in town, plus the fact that the 29th Annual Stock Show & Rodeo was being held at the same time it was no small task but after numerous calls we were able to locate a room for him.

Waiting out in front of the airport for a taxi (in the rain) we discover our friend once more and after more searching we hail one down and gratefully enter in.

The next day, Sunday, February 12, we stop by the Convention Center. Carlos is already there and he greets us like long lost relatives.) We pick up our badges, banquet tickets, and some brochures. The registration fee for women is \$25.00. (Pre-registration is a good idea for the National, it saves the hassel of filling out forms and standing in line when you arrive.) The next place I went was The Ladies Hospitality Center, located in the headquarters hotel, the Hilton Palacio Del Rio, just across the street. This was a convenient, friendly place to meet other Golf Course Superintendent's wives, select activities for the week from the ladies program, enjoy a cup of coffee or just rest and put your feet up. The center had a warm and friendly atmosphere, local hostesses were there to answer any questions one might have regarding the city or the ladies' program. The GCSAA is considering some new and interesting programs for women during future conferences, some of which are: Eliminating Self-Defeating Behavior, Entertaining on a Shoestring, The Womanly Art of Self Defense, Understanding My Spouse's Business, Mini Sports Clinic, How to Talk to Teenagers and Cooking Demonstrations.

Monday, February 13, at the opening session colorful and controversial keynote speaker Earl L. Butz, Dean Emeritus of Agriculture, Purdue University, and the former Secretary of Agriculture did indeed deliver a speech that was colorfully laced with humor. His theme, "I Don't Want to Live in a No-Growth Society" centered its idea around the progress that farmers have enjoyed since the birth of our nation, due to the initiative and inventiveness of the young scientific minds in our country. Illustrating the fact that before our nation became industrialized it took 50% to feed the other 50% and that now it takes less than 5% to feed our entire population plus a great deal of the entire world. (Continued on next page)

ATLAS PEAT & SOIL, Inc.

P.O. BOX 867

BOYNTON BEACH, FLA.

CALL
COLLECT

1-305-732-8959

Top Dressing . . . Top Soil . . . Trap Sand

The highlight of our trip for me, and I believe for Dan was the fact that he was to be the recipient of the 1977 GCSAA Chapter Newsletter Editors Award. This was the first year the award was given. Newsletters were judged on the basis of overall quality, appropriate design, editing, content, scope and writing quality. Twenty-three chapter newsletter editors entered the contest. So . . . congratulations are in order for "The South Florida Green" as well as for the many talented and knowledgeable people who have written articles for the magazine, Dan's secretary Susan Edwards, and of course for Dan and the great job he is doing. The winner's plaque was presented at the Press and Speakers Luncheon.

Thursday, February 14, proved to be a delightful, well planned day for the ladies historical tour of San Antonio. Twenty bus loads strong we visited such places as the Spanish Governor's Palace, the old German sector of town and The Mission San Jose. We were able to stroll leisurely through El Mercado, a four block area full of Mexican and Texan arts and crafts. Our driver provided us with a lot of valuable information about the city's history. However, his main area of concern was "Ladies p-l-e-a-s-e remember our bus number before leaving the bus, I want all of you to board before continuing to our next point of interest." . . . I still remember . . . it was bus number 757. I was fortunate to meet two lovely ladies with whom I shared this tour, Joan Wagner from Tequesta Country Club, Tequesta, Florida and Jackie Frank from The Hole in the Wall, Naples, Florida. The three of us realized a common interest in antiques and history. San Antonio is just full of both. We rounded out our tour (and our tummies) with a luncheon of traditional Mexican fare while listening to a mariachi band. The Ladies Tour is a favorite event of the conventions. It is included in the registration fee and I would highly recommend that you plan to include this tour on your agenda for the Atlanta Convention in 1979.

Wednesday, February 15, the first order of business was a visit to exhibits. It seemed to me that the 1978 convention theme "Economy Through Ideas" was personified. The equipment was beautifully presented and displayed. I believe the manufacturers did an outstanding job of showing their products. And of course there were many fun things to see and do . . . you could munch popcorn while waiting your turn to enter a golf match with a computer or try your hand at a shoot out against a robot . . . and if you were lucky you might find someone wearing the same number as you . . . all for fun and prizes. Meeting new people and greeting familiar faces was the order of the day. Golf Course Supers and their wives really are "SUPER" . . . I experienced a friendliness and comradeship with each and everyone I met.

Thursday, February 16, Dan was extremely busy that day with business at the convention center. I took the opportunity to invite Ruby Phillips, from Sandpiper Bay, Port St. Lucie, Florida to join me for a little shopping in the downtown area . . . with our only concern being to arrive back at our hotels in time to prepare for the Annual Banquet at the Convention Center that evening.

The Banquet itself was another rewarding event. The food was good (not at all the usual fare for mass produced meals) but best of all the company at our table was the finest. Dr. Fred V. Grau, President of The Mussler International Turfgrass Foundation was seated on my right. This renown, beloved and respected authority in the turfgrass field provided us all with some of his experiences over a long and full lifetime.

Friday, February 17, we had planned to leave for home but the Dallas airport where we were to change planes was closed due to the largest snow fall there this century. The day was redeemed nicely however when Jackie and Paul Frank suggested

black, rusty irrigation boxes belong in black, rusty grass.

Your turf deserves Plymouth boxes with "Ever-green" covers



Plymouth irrigation box covers feature molded-in green color. They blend in beautifully, eliminating cast iron or concrete eyesores in your turf.

Both box and cover are made of a strong, tough thermoplastic material developed specifically for underground use. They're lighter in weight, easier to handle and less brittle than cast iron or concrete enclosures.

The new 10" diameter box shown provides plenty of working area and features a twist lock cover. Boxes nest with or without covers for easy storage. Other models are available, including rectangular boxes with snap or pentagon locking mechanisms.

AMETEK, Plymouth Products Division, 502 Indiana Ave., Sheboygan, Wisconsin 53081. (414) 457-9435.

REPRESENTED IN FLORIDA BY:
RICHARD DUNN
R&D ASSOCIATES
502 N.W. 7th Street
Delray Beach, FL 33444
305-278-5271

AMETEK

Irrigation Boxes are stocked at our Lakeland Warehouse for fast delivery throughout Florida.

that we all visit The Texan Experience at The Institute of Texan Cultures. The exhibits we saw there did truly depict the living story of Texas.

Saturday, February 18, we were able to make reservations for our flight to Miami. We met Carlos at the airport. And never having seen snow before he was all excited about changing planes in Dallas. We were glad that Dan was able to get pictures of him enjoying this new experience.

Taking an interest in and developing an understanding of your husband's profession provides a common bond of concern. This will enable wives to have the ability to share in their husband's triumphs as well as uphold and console during those times when the irrigation system breaks down, the weather refuses to cooperate or the mechanic declares a certain key piece of machinery to be beyond repair. And of course I believe attending the National gives husbands and wives an excellent opportunity to cultivate this shared interest and understanding.

Upon arriving home we find that everything and everyone is just fine and we promise ourselves that next year we will be in attendance at the 50th International Turfgrass Convention. I hope to see you all there in Atlanta, Georgia next year!

ATLANTIC

SULPHUR COATED UREA

For That Deep Long Lasting Green
Without Excessive Growth
ATLANTIC SULPHUR COATED UREA
Is the Answer!

Ask Your Atlantic Representative for the
Formulations Available

ATLANTIC Fertilizer & Chemical Co.
Homestead, Florida

In Dade 247-8800 All others 1-800-432-3413

Get out of the water!

Weeds grow all the time, even when you
don't have time for them.

We specialize in aquatics. We have the people,
the equipment, the know-how and the time
to do it right.

When we manage your water and shoreline
areas, you spend your time on more important
things.

Serving golf courses throughout Florida

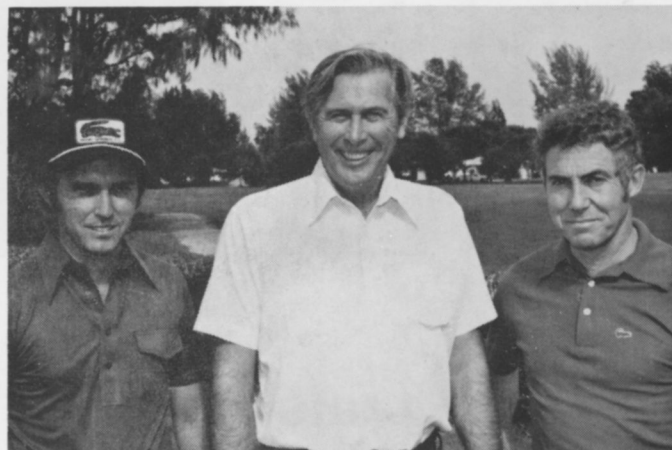
FLORIDA AQUATIC WEED CONTROL, INC.

Lakes and Waterways Management
320 South State Road 7
Ft. Lauderdale, FL 33317
(305) 792-1500

Recently...



*President Leroy Phillips conducts a SFGCSA Meeting while
cruising to Bartow, Florida. A first for our group!*



*December Association hosts, Art Lancour, Superintendent
of Miami Springs C.C.; Al Howard, Director, Parks and
Recreation, City of Miami (center) and Past President Paul
Turcotte, Asst. Director of Parks and Golf Courses (right).*

*Below, left to right, Tom Burton, Past President and Pro-
gram Director of Coral Ridge C.C., Miami Springs Profes-
sional, Ralph Allen and special host, the Honorable Steve
Clark, Mayor, Metro-Dade County.*

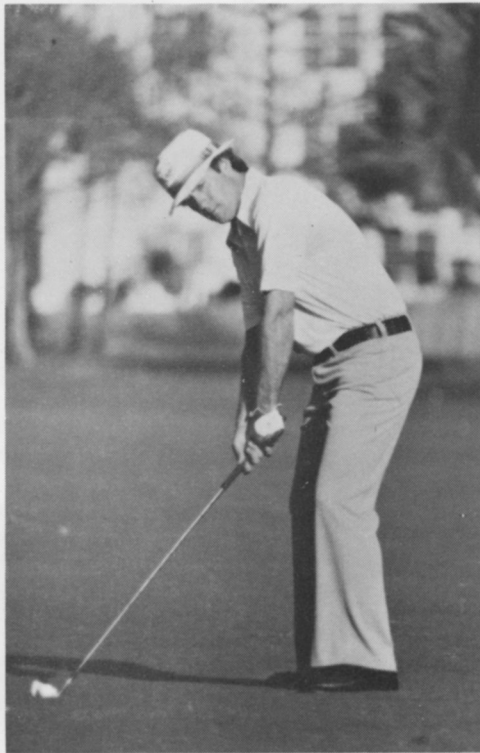


FACES

At South Florida Golf Courses



ANDY BEAN



GRIER JONES



RAY FLOYD

Professionals Prepare Way For Professionals

The Jackie Gleason Inverrary Classic and Doral Eastern Open proved to be exceptional tournaments, providing a great deal of entertainment to golfers throughout the country with the fine play. Quality of play as we all know is contingent on the quality of the turf and care the courses receive. To get a better view of what it takes to make a truly fine tournament, we interviewed Brad Kocher of Inverrary and Dick Lemmel of Doral. Both Superintendents are to be congratulated on their dedication to their work and fine representation they have given to South Florida's Golf Industry. True professionals in every sense of the word.

Q: What do you do different to your tournament courses?

BRAD KOCHER: 22,000 feet of fence for crowd control and 2,200 stakes were installed. The PGA asked that we have the fairway landing areas 25 yards wide. Golf cart traffic was prohibited in the

fairways, 2½ weeks prior to our tournament. Sand had to be settled in the traps and no further additions were allowed 90 days prior to the tournament play.

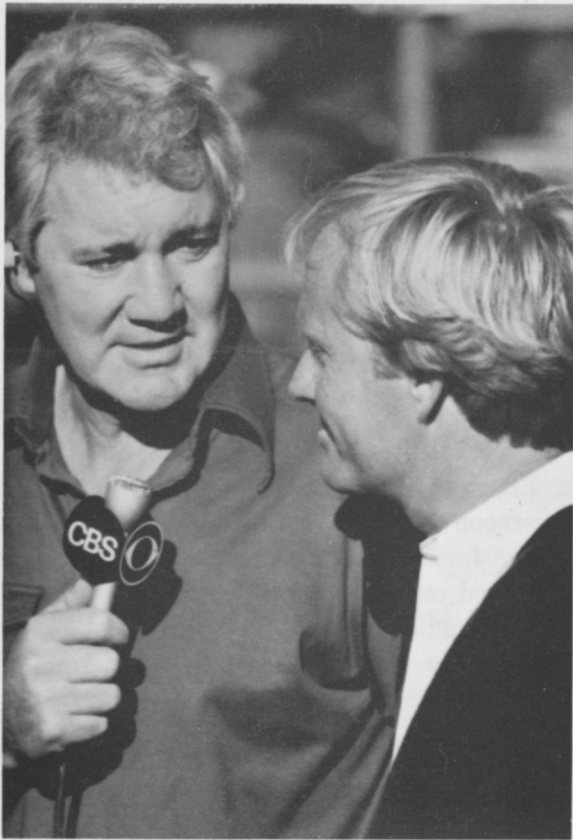
DICK LEMMEL: Our mowing heights are standard year round, but the rough height does increase a small amount. The only fence we had to install is pertaining to the parking lot areas. We put up rope along the fairway three weeks in advance and carts were not allowed in the fairway after that point.

Q: How did you mow your greens?

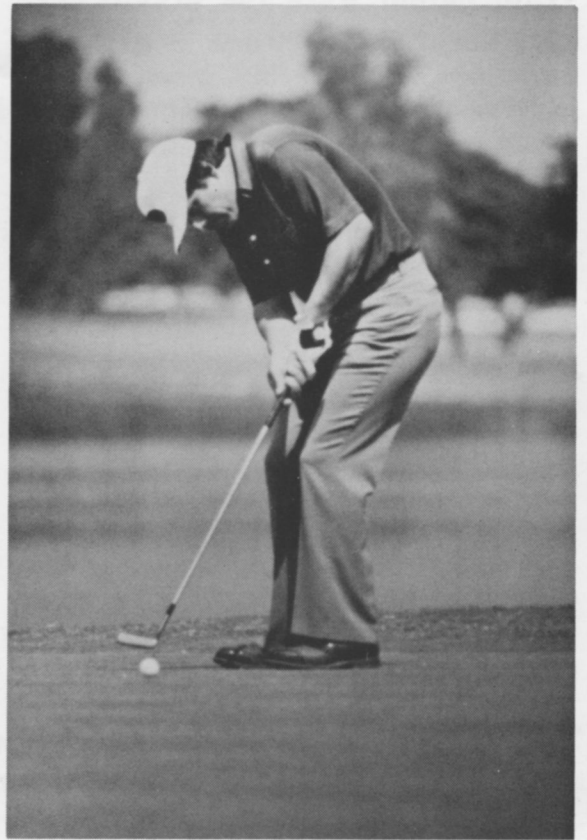
BRAD KOCHER: We used hand walking Jacobsen mowers for four weeks prior to play.

DICK LEMMEL: Our method was to use Toro walking mowers starting 9 weeks before the tournament.

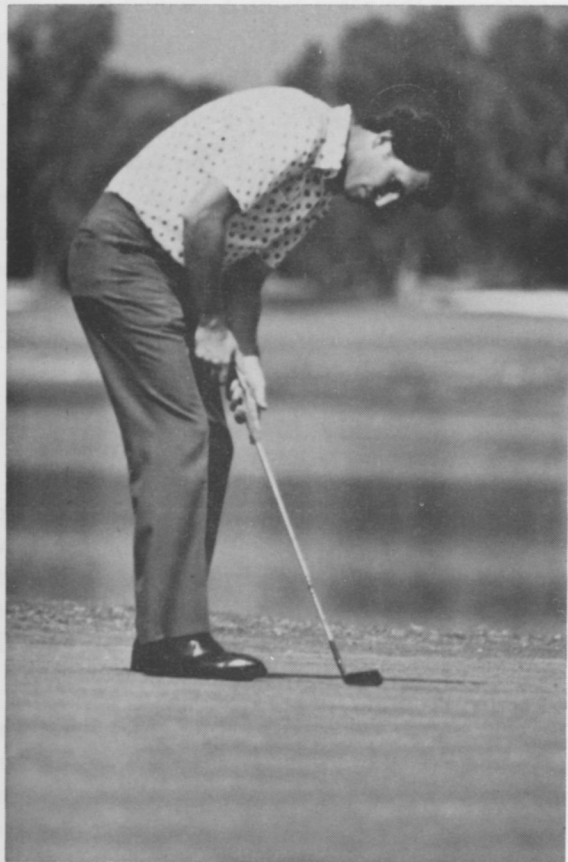
(Continued on page ten)



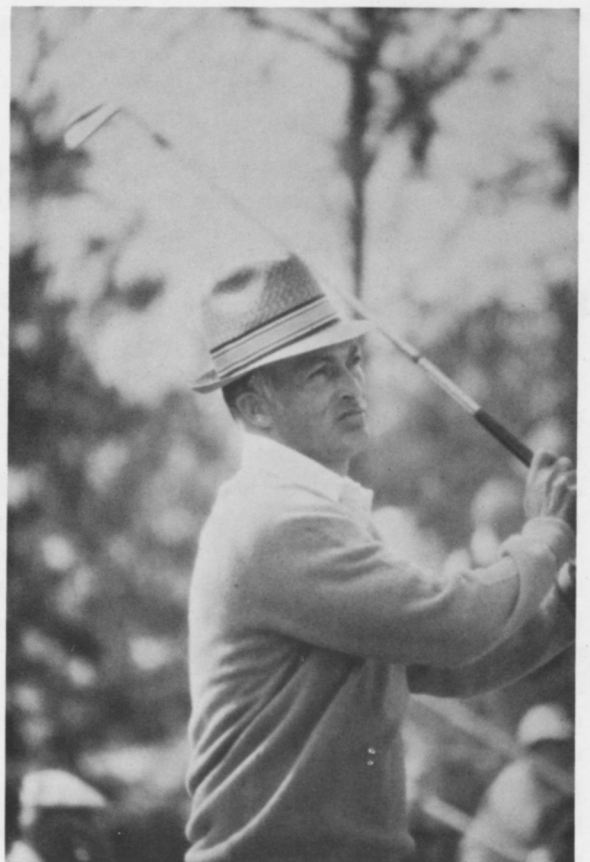
PAT SUMMERALL - JACK NICKLAUS



LEE TREVINO



HUBERT GREEN



CHI-CHI RODRIGUEZ

Q: What height were the greens cut?

BRAD KOCHERS For 20 days we cut at 6/32", and for 10 days, we cut at 5/32". Mowing was done once in the morning and once in the afternoon ahead and after play.

DICK LEMMEL: We cut a normal 3/16" one week before the tournament. We did grind the bedknives to 1/8" to double cut two weeks ahead of the tournament.

Q: When did you apply topdressing?

BRAD KOCHER: We applied our topdressing four weeks prior and then again 10 days prior to tournament opening.

DICK LEMMEL: We topdressed every 10 to 14 days since December 1st of '77 to the greens. Topdressing was applied to divots in the fairway twice a month and on the tees weekly.

Q: The amount of equipment and number of your staffs are larger than the normal 18 hole course. Did this help?

BRAD KOCHER: Definitely. We are a 36 hole complex with crew and machinery to efficiently maintain our courses, being able to shift people and equipment was a definite help. We had 12 people mowing the tournament course daily. 60% of our crew has been here for other tournaments and knew what we had to do to make the course right for our Classic.

DICK LEMMEL: Yes, most definitely, it helps to be a large complex. We were able to have six fairway units mow daily.

Q: It was a very cold winter in South Florida. What problems did this cause?

BRAD KOCHER: We had 14 days of temperatures under 40 degrees. Turf was in a stress period. Our main problem was on Thursday when the tour had a 7:30 start time and we had frost at 7:15. Frost was on the tee and green slopes. We had to use a syringe cycle to wash it off. I used giberillic acid the second week of January. Applied with a wetting agent at a rate of 13 grams per acre as recommended. The 1st 5 to 6 days, I got excellent growth and severe thinning. This made the general overall results worse than prior to application. I will never use it again.

DICK LEMMEL: Yes, it had been a cold winter. We had four frosts, the last being two weeks before the tournament. We were able to cut off the dead turf and fertilize with sulphate so the turf looked great by tournament time.

Q: Florida is famous for traps. What did you do in this area?

BRAD KOCHER: We did nothing especially different for the tournament with the exception of a 1 1/2" to 2" lip on the green side.

DICK LEMMEL: 99% of our trap raking is done by hand all the time. We have 1 man per 9 holes on course assigned to the traps. He rakes and edges them constantly.

Q: Dick, what problems did rain cause your tournament?

DICK LEMMEL: We had rain on the first day in the afternoon and had to squeegee the greens and later were forced to stop play. Each player marked his place and continued from that spot the next day. Except for cutting greens, we were not allowed to touch the course.

Q: What is the most important aspect to hosting a major tournament?

BRAD KOCHER: You must know what the PGA expects months in advance and talk with other Superintendents who have hosted a tournament. You need a knowledge of the game from a touring Pro's viewpoint. Staff organization is important. Rod Gilsey, my Assistant Superintendent helped me greatly along as well as the entire crew.

DICK LEMMEL: Planning is the most important item. An early approach, as early in the year as possible is our best tool. My staff was the key to our operation's success. Golf Assistant Hereberto Martinez and Grounds Assistant, Jose Perez were invaluable. Every member of the crew gave their best.

Q: Do you personally look forward to the next tournament?

BRAD KOCHER: Yes, we had to work hard through a hard winter to get our course in the best condition for the world's best golfers. Our tournament benefits the Boys Clubs of Broward and Palm Beach Counties and the South Florida Boy Scouts. That in itself makes it an event to look forward to next year.

DICK LEMMEL: We are already working for next year's event. We put in a lot of ourselves to make the tournament as fine as we could. To celebrate the Sunday final round, we had our 70 maintenance people in to watch the results together and plan to make it an annual party with wives included. A good way to finish a good job, well done.

(L.R.) Joe DiMaggio, Jackie Gleason, Fred Millsaps, General Chairman, Inverrary Classic Foundation, President Gerald R. Ford and Jack Nicklaus.



President Gerald R. Ford, Larry Murphy, Professional Brad Kocher, Golf Course Superintendent.

Mrs. Jackie Gleason awards trophy to Jack Nicklaus as Mrs. Barbara Nicklaus beams after the Inverrary win.





DORAL SUPERINTENDENT DICK LEMMEL WITH WINNER TOM WEISKOPF



Florida Silica Sand Co.

DADE
949-3521

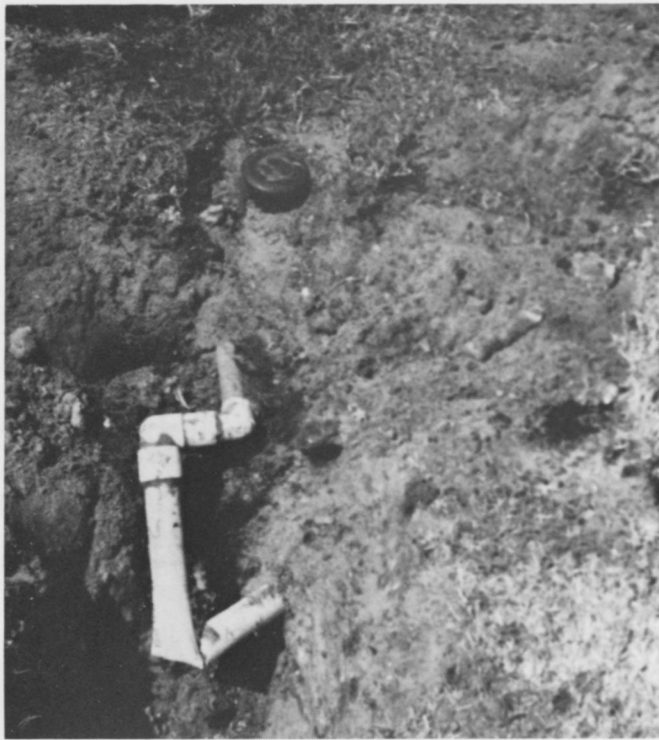
• SERVING FLORIDA •
SINCE 1948

BROWARD
923-8323

- **SPECIAL GOLF COURSE MIXES FOR YOUR PARTICULAR NEEDS**
 - STERILIZATION ALSO AVAILABLE — FLASH FLAME
- #70 TRAP SAND IS A COURSE WHITE SILICA SAND
- Pine Bark Nuggets — Cypress Mulch — River Gravel — Log Edging



CAN YOU TOP THIS? . . .



Answer on page 21

Nutrient deficiencies, weeds, diseases, thin turf, insects.

For the superintendent who has everything . . . or anything . . . or who just wants to make a good thing better . . . ProTurf offers research tested, golf course proven professional turf products.

Just give me a call.



A division of
O. M. Scott & Sons

JERRY MILLS

8506 N. W. 22nd Manor
Coral Springs, Fla. 33065
Telephone: 305/753-1393

BOB WILCOX

1261 S. W. 27th Place
Boynton Beach, Fla. 33435
Phone: 305/731-2277



IT ALL HAPPENED ...



GCSAA HOLDS RECORD-SETTING TRADE SHOW

An official ribbon-cutting ceremony opened the GCSAA turfgrass trade show, held in conjunction with the association's 49th international conference.

Presiding at the ceremony were (left to right): first row — Charles H. Tadge, CGCS, vice president; Melving B. Lucas, Jr., CGCS, director; George W. Cleaver, CGCS, president; Ted Smith, Industrial Advisory Council co-chairman; Theodore W. Woehrle, CGCS, immediate past president; Richard H. Eichner, CGCS, director; Michael R. Bavier, CGCS, director. Second row — David C. Holler, CGCS, director; Richard W. Malpass, CGCS, past president; and Louis D. Haines, CGCS, secy.-treas.

Total attendance for the conference and show reached 5,497, making it the largest ever held by the association.

BUTZ ADDRESSES GOLF COURSE SUPERINTENDENTS

Earl Butz, speaking for an estimated 3,500 Golf Course Superintendents, was the keynote speaker at the opening session of the 49th International Turfgrass Conference and Show, sponsored by the Golf Course Superintendents Association of America (GCSAA).



CLEAVER BECOMES NEW GCSAA PRESIDENT

Immediate Past President Theodore W. Woehrle, CGCS, (left) passed the gavel to President George W. Cleaver, CGCS, at the annual membership banquet Thursday night.

AT THE NATIONAL...



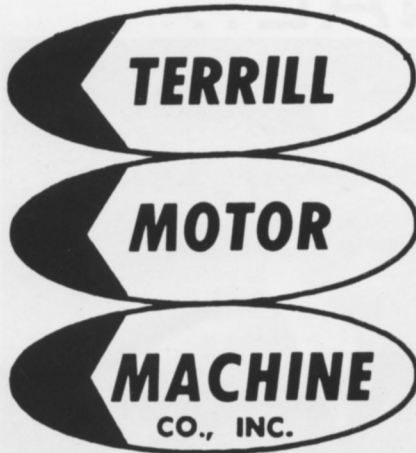
DAN JONES WINS CHAPTER NEWSLETTER EDITOR AWARD

Dan Jones (left), golf course superintendent of the Aventura Country Club, North Miami Beach, Florida, won the 1978 Golf Course Superintendents Association of America Chapter Newsletter Editor Award. Jones is editor of "The South Florida Green", official newsletter of the South Florida Golf Course Superintendents Association.

Dwayne Netland (middle), associate editor of Golf Digest, and David Slaybaugh (right), editor of Golf Business, presented him with a plaque during GCSAA's 49th International Conference and Show, held this year in San Antonio, Texas. Netland, Slaybaugh and Joseph Clough, editor of Grounds Maintenance, were the judges in the contest. This is the first year the award has been given.

THEN IT WAS
ALL OVER UNTIL
NEXT YEAR...
IN
ATLANTA!





Factory Sales, Parts, Service and Warranty for:

Briggs & Stratton
Chrysler
Clinton
Continental
Kohler

Lauson
Onan
Pincor
Wisconsin

Parker - Hannifin Hydraulic Hoses made to order...or while you wait!

2057 Taft Street
Hollywood, Fla. 33023

Phones:

Miami - 947-9192 Hollywood - 920-8411



"Chic-Kee"

SEMINOLE INDIAN THATCHED ROOFED HUTS

"WE BUILD TO SUIT YOUR NEEDS"
RESIDENTIAL - COMMERCIAL



Umbrella Chic-Kee



Rectangle Chic-Kee



Round Chic-Kee

JIM BILLIE - Contractor
6350 N. W. 32nd St.
Hollywood, Fla. 33024
961-0412



Superior Fertilizer & Chemical Company

MAIN OFFICE:
P.O. BOX 1021, TAMPA, FLA. 33601
813-247-3431

FT. PIERCE PLANT: 305-461-2230

Dial Operator Mobile (305) 581-6123

LAMAR "SUNNY" SMITH
mobile unit 2209

ED HAITHCOCK
mobile unit 2425



WHAT A DAY! Over 150 members of six Golf Course Superintendents Association enjoyed The Annual Poa Annuu Classic. We are indebted to General Development for use of their facilities at Oxbow Country, LaBelle, Florida and to Dr. Anderson of Scott, Palmer and Anderson for the country barbeque.



Liquid Ag Systems, Inc.

The Leader In

QUALITY LIQUID FERTILIZERS

and

Injection Systems for Golf Courses

Ed Darlington

Dan Brunetti

1010 North West 15th Avenue

Pompano Beach, Fla. 33060

(305) 971-0022

AV FUEL SYSTEMS CO.

Miami, Florida

PHONE (305) 667-0663

J. C. (JIM) THOMPSON

Sales/Service

CLAYTON

**AUTOMATIC CONTROL VALVES
(CLA-VAL)**

Golf Course Sprinkler Systems

Water Treatment Plants

Waste Disposal Systems — Well Fields

Water Booster Systems

COMPLETE SERVICE & INSTALLATION

PARTS AND VALVES IN STOCK

AVAILABLE

Protect Overseeded Greens From Pythium Damage— Spray TERSAN® SP FUNGICIDE

Pythium can destroy your greens in a matter of days if you're not careful. But you can prevent pythium damage by spraying TERSAN SP properly. TERSAN SP is safe to use, gives effective, economical control, and is non-phytotoxic. Plus, TERSAN SP is very easy to use.



Prevent Dollar Spot Damage with TERSAN® 1991 & TERSAN® 75 FUNGICIDE

Spray TERSAN 1991 in combination with TERSAN 75 to prevent possible development of tolerant strains of dollar spot.



DU PONT Turf Products
REG. U.S. PAT. & TM. OFF.



'SUPER' ideas

Innovative ideas by South Florida Superintendents and their staffs . . .



This "Super Idea" was a joint effort of Tom Burton, Program Chairman SFGCSA and Marvin Penny, Area Sales Manager for Swift Chemical and Fertilizer Company.

Penny and his staff arranged a highly informative 300 mile "low key" trip to Bartow, Florida. The chartered bus picked up passengers at six stops and nothing was overlooked for our comfort and education. Swift was the complete host.

Almost fifty of our members heard an educational presentation while enjoying luncheon at the mine office.

At the mine we marveled as the 43 yard bucket worked more than 100 feet deep to extract the phosphate matrix formed in the past 75 million years. Great trip, well planned and executed.



If you or your crew have any ideas to share with others give us a call and we'll be glad to photograph your "super ideas."

— Harry McCartha



SPRINGTIME IS TREE STAKE TIME!

Get your trees off to a great start with LESCO Quality Tree Stakes with trace elements! Our special 8-10-10 Palm Tree Stakes give trees the trace elements they need (4% Mg, 5% Mn, 1% Fe, 1% Zn) for maximum feeding at minimal cost. And you'll certainly appreciate what our 16-10-9 formulation can do for threes, shrubs, evergreens and your budget! Pound for pound, they're your best buy!

CALL TOLL FREE 1-800-321-5951

Division of Lakeshore Equipment & Supply Co.
300 South Abbe Rd., Elyria, Ohio 44035

LESCO of FLORIDA

PHIL GARDNER

BOCA RATON, FLORIDA

305 392-1719

LESCO  Products Catalog Available On Request

Replacement Parts	Insecticides	Tee & Green Accessories
Tires	Fungicides	Safety Equipment
Batteries	Herbicides	Rain Gear
Lapping Compound		Pressure Washers
Irrigation Supplies		Tire Changers



**Golf Course Grassing
Renovation**

WE GROW
AND
INSTALL
FLORIDA STATE
CERTIFIED
TURF-GRASSES

Experienced,
Knowledgeable People
Providing Only
The Highest Quality
Workmanship
"Unconditionally Guaranteed"
Over Seeding Grasses
of All Varieties

**STAN CRUSE
ASSOCIATES**

**Custom
Fumigation**

Stan Cruse and Associates
(813-722-4547)
Rt. 1, Box 402-X, Palmetto, Florida 33561
A Division of Pursley Turf-Grass



**SOUTHERN MILL CREEK
PRODUCTS CO., INC.**

SERVING ALL OF FLORIDA
Tampa, Miami, Orlando
Jacksonville

Dade 635-0321 Broward 525-0648

Tampa Office
1-800-282-9115

Florida Turf-Grass Association Progress Report

On March 2nd, approximately 25 FTGA members participated in an all day planning meeting. The result of this meeting gave the FTGA many excellent ideas for increasing the benefits to our members.

This meeting also directed our Association back to the basic goals of the FTGA, education, research and scholarship. A new re-emphasis and allocation of resources towards these Association's goals, will be the first priority of future business. Enthusiasm is running at a high level among the members because of this redirection of priorities. All signs point to an increased membership and participation which will greatly increase the impact of the FTGA as a State organization.

At the March 3rd Board of Directors meeting, the Association's Executive Secretary, Nona Murphy, submitted her resignation. This resignation was accepted by the Board and we all wish Nona the very best in her future endeavors.

The FTGA is on the move to bigger and better accomplishments for its members and industry. We need everyone's support and participation to make our Association's goals a reality.

May 18th is our Annual "Blitz Day." Contact your nearest area captain to join our Association in making a strong future for our industry.

MEMBERSHIP COUNCIL

Frank Arnall, Tony Kimball, Co-Chairmen

John Hayden
Bud Pearson
Leroy Phillips
Bob Keeth
Larry Kamphaus

Ken Wyninger
Clint Smallridge
Bob Strait
Harvey Phillips

ANSWER: Reason for lack of irrigation at Hollybrook Golf & Tennis Club was discovered when the lines were dug out. Thanks to Pat Lucas for the photo.

WOODBURY WORKS FOR YOU!

Take advantage of our technology, service, sales personnel and competitively priced merchandise.

We're here to serve you . . . because at Woodbury Chemical Company, WE WORK FOR YOU!



GEORGE JONES

LLOYD M. GRAY

PRINCETON, FLORIDA 33032

(305) 247-0524

W.A.T.S. 800-432-3411

TUCO



PROXOL® 80 SP
Insecticide

**ACTI-DIONE
THIRAM**

Broad Spectrum Fungicide



BILL J. MAXWELL, TUCO, Div. of Upjohn (305) 395-4323

SCOTT, PALMER, ANDERSON, INC.

CLEWISTON, FLA.

Phone: 1 - 813 - 983-7255

DR. ANDERSON'S TOPDRESSING

Call before 8:00 A.M.

QUALITY ORGANICS FOR QUALITY GOLF COURSES

USS Vertagreen... A product for all reasons.



For professional turf products you just can't beat the Vertagreen lineup. And this complete array didn't just happen. It's the result of many years of experience, testing and proven use—designed and formulated to meet every need and contingency.

USS Vertagreen products contain those extra pluses that separate them from ordinary turf fertilizers—like urea-formaldehyde

for sustained, long-term nitrogen release. There's potassium sulfate to provide needed sulfur for lush growth and a dark healthy color. And iron is available in chelated and fritted form. Add a complete guarantee of secondary and micro-nutrients and you have turf products that are second to none.

And backing this line of Vertagreen products are the best turf

teams in the business—your local Vertagreen distributor and a Vertagreen turf specialist. The two work together to help plan your tailor-made turf program and keep it running smoothly. And that makes it easy for you because when you want the best you just have to see the best—and that's your local Vertagreen distributor.

A product for all reasons.



Agri-Chemicals

Division of United States Steel
P.O. Box 1685, Atlanta, Ga. 30301

TRADE MARK



It's not just
the W.I.N.
you use,
it's how you
say the name
par ex[®]



All water insoluble nitrogen (W.I.N.) fertilizers are not alike. Some are activated by soil bacteria. Others by temperature. But IBDU[®] (31-0-0) and PAR EX fertilizer mixes with IBDU are activated very slowly by soil moisture. Nitrogen is released at a controlled, even rate that can't be hurried by high temperatures or excessive moisture.

It's important on high maintenance turfgrass to control the level of nitrogen feeding. Excessive bursts of nitrogen can be a greater problem than a nitrogen deficiency.

Custom formulated to exacting specifications of the professional turfgrass manager, IBDU and PAR EX fertilizer mixes with IBDU provide a controlled level of nitrogen nutrition that stimulates root growth, shoot density, rich green color and improves overall plant hardiness.

Let water insoluble IBDU (31-0-0) and PAR EX fertilizer mixes with IBDU perform for your turf. After all, performance is the name of the game.

SWIFT AGRICULTURAL CHEMICAL CORP.

P.O. BOX 1996

Professional Division
WINTER HAVEN, FLA. 33880

(813) 299-5010

EDITORIAL

The "South Florida Green" has been named grand winner of the first newsletter competition sponsored by the National. Entries in the year long contest were judged on content and layout by three leading publishers in our industry.

This special recognition honors our South Florida Association far beyond first impression. This recognition acknowledges the talents, labors, interest and concern of our contributing authors and supporting advertisers.

Our publication is our greatest tool in reaching industry and science with our views and needs. We take pride in the award received and pause now to look back to see how far we have come . . . and to look ahead to see how far we must go, working all the while with nature and man, in providing the finest turf available for our golfers.

JACOBSEN RIDING REEL MOWERS

Designed To Fit Your Needs!

★ 70" TO 133" CUTTING SWATH

★ ALL UNITS FEATURE HYDROSTATIC DRIVE

★ ALL UNITS HAVE CONSTANT REEL SPEED

These features make the **Jacobsen Reel Units** capable of providing maneuverability, smooth cut, speed and reliability.



Five Models to fill your individual requirements and budget.

DeBra Turf & Industrial Equipment Company

921-1919 — Hollywood

947-5443 — Miami

427-7616 — Deerfield

659-4533 — Palm Beach

**EZ-GO. Renowned throughout America
for a tradition of quality and lasting value.**



Photographed at Doral's "Blue Monster,"
one of North America's great golf courses.

EZ-GO **TEXTRON**

Polaris E-Z-Go Division of Textron Inc.
P.O. Box 388, Augusta, Georgia.