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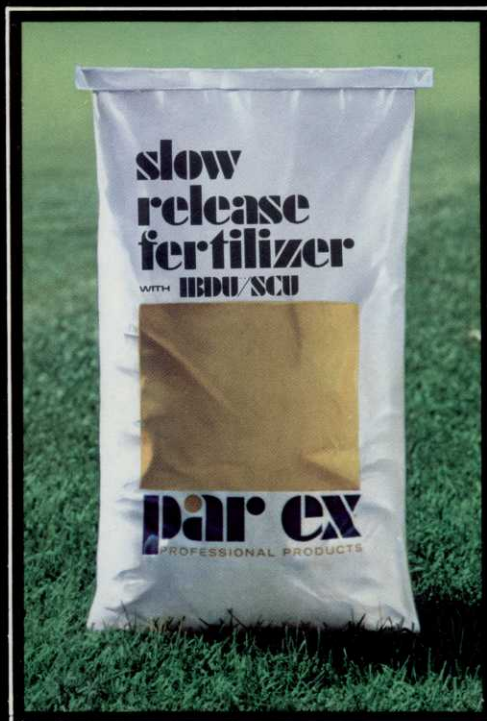
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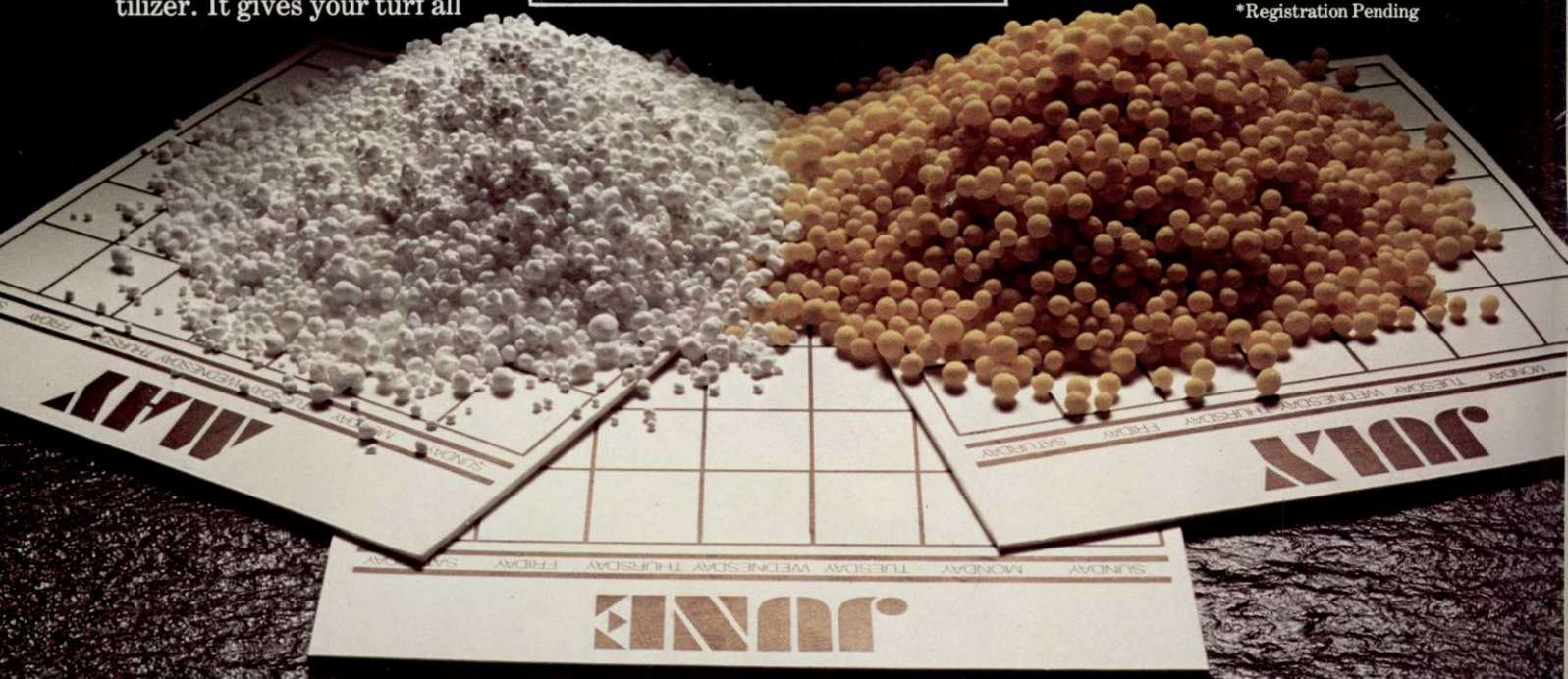
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President's Message

Most times the subject matter for this message is difficult to come by simply because choosing the right topic is problematical. What do you say that will hold everyone's interest? What do you say that will be informative — enlightening — worthy of one's time? Today the problem is reversed — the issues are too numerous to cover properly but they are issues of such consequence that none can wait. So sit back and relax and read on — you may not like every word but, I encourage you to persist.

First and foremost, of course, is the election of John Hayden, CGCS, as a G.C.S.A.A. Director. For those who have not heard, John won with the highest number of votes ever recorded by a first time candidate. Congratulations to John, Chip Powell (John's campaign manager) and all those who helped in the action. We can feel assured that we will be represented.

Our golf team again performed as has come to be expected as they carried off the championship. Congratulations to Fred Klauk, Bill Whitaker, Dan Meyers, and Ron Hill. Not only do these gentlemen play the game of golf well, but they also serve as excellent ambassadors for our State.

Plaudits must also go to Fred Klauk and his committee which assisted in organizing and conducting the G.C.S.A.A. golf tournament. It was the largest ever (both men and women) and was acclaimed by all as a colossal success. Fred's committee was comprised of Butch Singo and Jim Ellison from the Central Chapter, Dan Meyers from the West Coast Chapter, and Kevin Downing and Tim Hiers from the Palm Beach Chapter.

Much praise is given to Larry Kamphaus for the excellent condition of the Disney World courses. No one could ask for better facilities. All would go for naught if the playing surface was inferior.

If you did not go to the G.C.S.A.A. Turf Conference and Trade Show in New Orleans you missed an excellent opportunity to learn, to view, to observe, to refresh, to acquaint, to renew, and to familiarize yourself with the past experiences of some, the future desires of others, the present state of affairs, the comparable situation of your near and far neighbors, the newest equipment and merchandise, and of course the inner workings and intricate mechanisms that make our organization tick.

The Florida Turf Grass Association is launching a drive for research funds which **MUST** and **WILL** be a success only if you understand it, get behind it, and contribute to it.

Congratulations go to Dan Jones, Dave Bailey, and all those who contribute to our award winning publication. What an outstanding year for the *Florida Green*!

And of course as this is being written (middle of February) we are in constant negotiations with the South Florida Water Management District regarding the water crisis, our impact on it and the Environment and, conversely, its impact on us. By the time you receive this article you will have been informed as to the content of their use restriction matrix.

Put this all together and what do you have? A profession that is worthy of support. A profession that places a burden on everyone. A profession that is demanding. A profession that is also rewarding and very gratifying. Unfortunately this is also a profession that provides the opportunity to garner a great deal without ever paying your dues. And I'm specifically pointing a finger at those who partake, and quite often criticize, but never reciprocate with objective participation. Sit back and enjoy the results of other labors; share the benefits of other experiences; play golf at the finest facilities, but don't be concerned about the education program; read the finest trade magazine, but don't be an active part of your association — in fact don't even belong to any superintendent's group and you still are able to reap most of the ripe harvest.

I trust I am preaching to the segment that needs chastising, but I fear these words will only reach those who already care. To those I apologize. To those who are the target, wake up; take your hands out from under your butt; pull your head out of the sand; become tuned to the action around you. The profession of golf course superintendent is making steady progress. Look what you have going for you! G.C.S.A.A. is alive and running on all cylinders. I can sense a dynamic reformation taking place. Outstanding, competent staff implementing the desired programs of elected, dedicated officers is a combination hard to beat. Your state and local associations are governed by committed fellow superintendents. This magazine is YOUR excellent communication tool. Everything is being unselfishly done for you. Why don't you respond by becoming an active part? Join your local association, the state association, the national association, and also the Florida Turf Grass Association. Florida cast a block vote of slightly over 200 in the recent G.C.S.A.A. election — there is absolutely no reason why that cannot be 300 next year. Join now and don't anyone tell me they can't afford the dues — you cannot afford NOT to be a member of all those associations. You want to share in the profits? Then share in the costs! Come out of the barn, put on a coat and tie, put down the beer can, and stand up and be counted. At the South Florida Water Management District Governing Board Meeting held on Feb. 12, 1982, Mr. Robert Clark, Chairman, referred to us as PROFESSIONALS. Please let's look the part, let's act the part, let's BE the part, and let's BE it by the members. JOIN AND PARTICIPATE.!



Bill Wigner

The Florida Green

The Official Bulletin of the Florida Golf Course Superintendents Association

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ABOUT OUR COVER

GCSAA championship golf team with tourney host Mickey Mouse. For details see page 6.

Dan Jones, C.G.C.S., Editor

Banyan Golf Club



David Bailey, C.G.C.S.

*Atlantis Country Club
Associate Editor*



**Daniel Zelazek
Cover Photography**



Florida Green Reporters

South Florida **Brad Kocher**
Palm Beach **Mike Bailey**
Treasure Coast **Jim Callaghan**
Central Florida **Jim Ellison & Gary Morgan**
North Florida **Ed Snipes**
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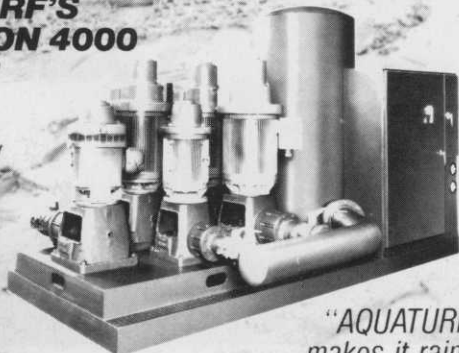
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FLORIDA GOLF TEAM REPEATS AS NATIONAL CHAMPIONS

One of the most difficult things to do in any sport, at any level of competition, is for a defending champion to successfully retain the title. The Florida GCSA golf team did just that as they again won the GCSAA national team championship. Since the two day event was held at Disney World, Orlando, we were also the tournament host.

It was the third straight tournament in which a team from Florida came away with top honors. The 1980 champs were the Florida West Coast chapter. This year's foursome won their place on the team in three regional qualifying tournaments, and their names will be engraved on an antique silver trophy donated by the Scottish Golf Greenskeepers Association in 1972. The chapter championship, in which teams combine their three best scores, have been a GCSAA tradition since 1946. The winning team consisted of Bill Whitaker, CGCS, Palm Beach chapter; Ron Hill, CGCS, North Florida chapter; Fred Klauk, Palm Beach chapter; and Dan Meyers, CGCS, West Coast chapter.

Bill Whitaker was the first day tournament leader as his 71 paced the team to a six-stroke lead. The second day scores of Ron Hill and Fred Klauk with 74's and Dan Meyers 76 enabled the team to win by eight strokes over runnerup

Carolina GCSA. The third place honors went to the local Central Florida chapter. Their team consisted of Joe Ondo, Dennis Parker, and Jim Ellison who fired a 71 on the closing day.

In the net handicap division Palm Beach chapter placed second. They lost to the New Jersey GCSA because the Palm Beachers had to give away 52 strokes per day! The Palm Beach team consisted of Kevin Downing, Jack Cunningham, Mark Henderson, and Jim Watson.

Individual honors were won by Mike Apodaca, Horizon Country Club, Belen, New Mexico. His great second round of 69 left the runnerup six strokes back, and our own Ron Hill seven off the pace. Apodaca, who had been among the top finishers in the past four GCSAA tournaments, finally claimed the top prize, a silver replica of the U.S. Open Championship Cup donated in 1954 by the USGA.

Next year the tournament will be held in North Carolina during February. We will be back to defend our two consecutive titles. But if the 14th club in the bag needs to be a snow shovel we may not be the pretournament favorite. ■



Fred Klauk fired a solid 74 on the final day.



Dan Meyers carded a pair of 76's to aid team.



Lefty Bill Whitaker posted a first day 71 for medalist honors.



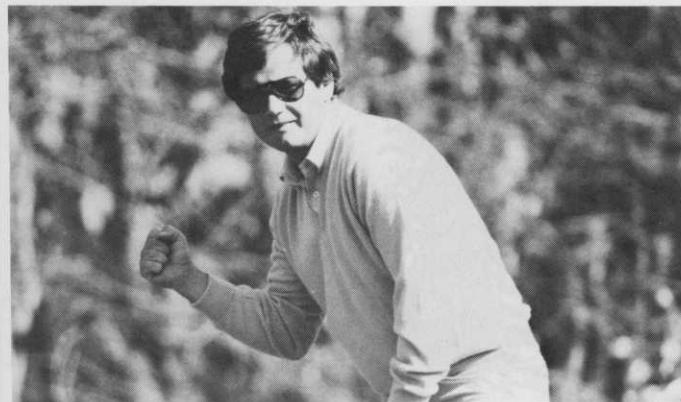
Ron Hill carded 74-74, placing him third in a field of 270 players.



Individual tourney winner Mike Apodaca coasted to victory with final round 69.



Ron Hill drew the attention of GCSAA headquarter staffers Diana Green and Larry Goldsmith.



Jim Ellison had the hottest putter on the final day. His 71 paced the Central Florida chapter to third place.



Fred Klauk used high finish and so did the team!

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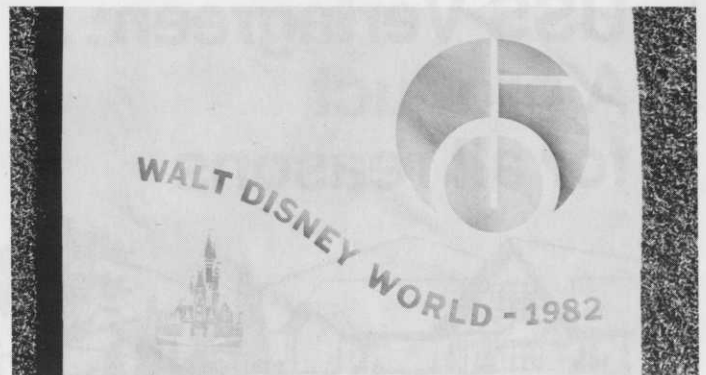
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Two time individual champ Dan Meyers will be ready in the future.

Liquid Ag System Helps Support University of Florida Turf Program

By BRUCE J. AUGUSTIN
Extension Turf Specialist

The University of Florida's Agricultural Research and Education Center in Fort Lauderdale has received a gift from Liquid Ag Systems Inc. to help support the turf program. Through the kindness of Max Brown and Ed Darlington, a Liquid Ag Spray applicator was donated to help keep the University of Florida's Turf Program at the leading edge of turf technology.

The Liquid Ag Spray Applicator is a portable, platform-mounted system that can be placed in a truckster for spraying. The Applicator features a 100 gallon spray tank with a centrifugal pump and 5 HP Honda engine. Almost any type of tank mix can be sprayed through the single floodjet nozzle in widths up to 20 feet.

Liquid Ag Systems Inc. will also be providing various liquid fertilizer mixes for research purposes. Drs. Snyder and Augustin are currently using a special minus nitrogen mix for a study involving irrigation and nutrient leaching.

Industry support is vital in keeping the University of Florida's Turf Program at the leading edge of Technology. Generous tax deductible gifts and grants help build a vibrant and responsive program that can meet the needs of the turf industry in Florida. ■

Hayden Praises Florida Superintendents

Dear Fellow Superintendents,

Florida's professional image shown brightly in New Orleans. Your part in this well-oiled machine produced a resounding victory for us all.

We have just begun our recognition on a national level. Now they will know there is a place called "Florida". From the magazine article, to the golf tournament, thru the election it was a class act.

It could not have been accomplished without all of you!


Let's not let this unity die here. We need to keep in touch! Let me hear from you with your ideas and your concerns so that I might be able to help on a national level.

I appreciate the vote of confidence that you have bestowed on me. I will strive to represent you to the best of my ability.

Sincerely,

John P. Hayden, CGCS

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149 Golf Courses Open in 1981 13% Increase Over '80 Figure

Although the nation's economic situation remained troublesome, 149 golf courses opened for play in the United States during 1981, according to research by the National Golf Foundation.

The 149 openings reflect a 13 percent increase over the 132 reported in 1980.

There were 12,894 golf courses in the United States as of January 1, 1982, according to NGF statistics.

The leading states reporting course openings in 1981 were Florida with 26; California 10; Texas 9; Arizona and Michigan, 8 each; Minnesota and Wisconsin, 6 each; and Colorado, New York and South Carolina, 5 each.

The 10 above-named states accounted for 59 percent of the total new course openings.

For the second straight year, Florida emerges as the nation's runaway leader when combining course openings, construction starts and prospects. The Sunshine State had 84 in 1981 and 76 in 1980.

Other leading states in order are California with 30 projects; Texas 20; Colorado 15; Arizona 14; Minnesota 12; Wisconsin 11; Michigan and Georgia, 8 each; Oregon 7; and South Carolina, Idaho and Virginia, 5 each.

The only states not reporting some activity in golf course development during 1981 were Alaska, Delaware, Rhode Island and South Dakota.

A further analysis of new course development during 1981 reveals the following:

- About 78 percent of the new private course openings in 1981 were a part of planned real estate developments. Fifty-six percent of the new daily fee facilities were also associated with land development ventures.

- Almost 40 percent, or 58 of the 149 courses opening were additions to existing facilities.

- Sixteen percent (18 executive courses and six par-3's) of the openings were short courses. For some years this percentage has ranged between 12 and 15.

- Of the 118 new construction starts in 1981, 53 were additions to existing facilities. Thirteen percent were short courses.

- Forty-nine percent of the 1981 course openings were privately-owned daily fee operations, 34 percent were private and 17 percent were municipal facilities. For 1980, the percentages were 41 daily fee, 41 private and 16 percent municipal.

For more comprehensive analysis of golf course development in the United States in 1981, the information sheet "What's Happening in Golf Facility Development" (GC-1982) is available free from NGF headquarters. ■

Ellington Joins Lakeshore Equipment

Samuel K. Ellington has joined Lakeshore Equipment & Supply Co., Elyria, OH, as seed and fertilizer manager for the central southern portion of the United States.

A graduate of Centenary College, Shreveport, LA, the Atlanta-based salesman has worked all his life in the seed industry. After serving for two years in the Air Force, he has worked in sales and management capacities for companies including Northrup-King and Sunbelt Seeds.

Lakeshore Equipment & Supply Co. markets a complete line of grass seed for southern and northern turf. Through LESCO Products and Lakeshore's subsidiary Ag Industries Mfg., Lakeshore manufactures and distributes turf fertilizers including 100% Sulfur-Coated Fertilizer, a line of controlled-release fertilizers. ■



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OVERSEEDING

By NEIL KALIN
Pembroke Lakes G.C.

Here at Pembroke Lakes Golf Club, overseeding has been a tradition for the past seven years. As the cold weather invades our tropical climate, usually in December and January, those superintendents that overseeded win the hearts of their green's committee chairman, golf professionals, members, and are deemed 'heroes' in turf management. However, there is the other side of the coin when hot/warm weather persists through the so-called 'cool season', the overseeding undergoes stress and a percentage of the seed is lost. Heroes of the past are quickly turned upon and become the center of criticism around the local country clubs.

Our profession has yet to find methods to alter Mother Nature and no one can predict cold or warm weather, consequently I am left with the opinion that overseeding is an inexpensive insurance policy which guarantees a quality putting surface whether it is for the member of an exclusive private club or a visiting tourist playing at a public facility.

Winter overseeding generally takes place between November 20 and December 7 here in South Florida. The practice of overseeding is actually the seeding of cool season turf grasses into warm season turf grass species. In South Florida the warm season species is Bermuda grass. There are numerous cool season turf grass varieties and blends. As to the specific variety or blend to be used for overseeding, golf clubs generally go along with the recommendation of their superintendent and/or golf course consultant. Cool season turf grasses commonly used for overseeding include the Blue grasses, Bent grasses, Fescues, and the Rye grasses. It is important to note that each Genus has a wide range of species, all of which have varying characteristics which make them favorable and adaptable to a wide range of environmental conditions. Once a variety or blend has been selected, the amount to be used is calculated and the seed is ordered from a local seed distributor.

It is best to have the seed delivered at least 30 days prior to the overseeding date. This enables the superintendent to check seed germination, noxious weed content, etc. The seed should be stored on pallets in a cool, dry, dark room. There is a wide range of equipment used during overseeding and all equipment should be properly serviced and checked two weeks before the overseeding date.

On an 18 hole facility, remaining open for play during the overseeding, the entire procedure takes approximately 2½ days (10 hour days). Communication/coordination between the golf course superintendent, golf professional, starter and with the assistance of a productive golf course maintenance staff, overseeding is performed smoothly with little distraction to the everyday member/golfer.

The seed is spread on a green that has been previously verticut. This method allows the seed to 'get down in' and of course provides protection for the seeds. Cyclone spreaders are calibrated and used to distribute the seed in a uniform manner. The green is seeded in at least three directions so that uniform seed distribution is achieved. To avoid seeding beyond the edge of the green (collar), a drop type Gandy spreader is used on the perimeter of the green. A blend used at Pembroke Lakes dictates using approximately 30 lbs. of seed for every 1,000 square feet of putting green surface. After seeding the green, the entire surface is moderately top dressed with 70/30 sterilized top dressing. The green is then fertilized with a super phosphate fertilizer (this enhances germination). The green is now ready for drag matting. The seed, soil, and fertilizer material is drag matted in a clockwise and counter direction to provide uniform distribution of the three ingredients. Irrigation of the green follows drag matting.

Water is the single most important ingredient to a successful overseeding program. Too little water can be just as ineffective as too much water. Light syringing of the green on a regular basis during daylight hours is most important. This enables the seeds to remain moist during sunlight hours and this ultimately enhances germination. Each green is sprayed with fungicide the day after seeding to protect the new seeds from the threat of disease. After germination, the green is sprayed on a preventive maintenance program at seven to 10 day intervals.

After overseeding, the green is mowed (without the baskets) every other day until seed germination is visible. Germination takes place from three to 21 days depending on the variety used. By hand syringing (watering) each green three to four times daily, the blend used at Pembroke Lakes Golf Club takes approximately four to six days for germination. Once germination is evident, mowing is stopped and the green is fertilized with 25 to 30 lbs. of Milorganite per 1,000 square feet. Hand watering is continued on an as needed basis throughout the entire winter season. After the initial germination, the green is cut at 3/8ths of an inch. As the grass matures and becomes 'stiff' the height of cut is lowered in increments of 1/64th of an inch. The lowest cut used at Pembroke Lakes is 15/64ths of an inch. Overseeded greens require close observation and attention and are watered, fertilized and sprayed with fungicide on a regular basis. At the end of January, the green is lightly top dressed to hide ball marker blemishes and this also helps to smooth out the mature putting surface.

Overseeding is a challenge, and there is no textbook method outlining the steps for a guaranteed overseeding program. With cooperation from Mother Nature, a good irrigation system and desire for quality putting, overseeding can be very rewarding. ■