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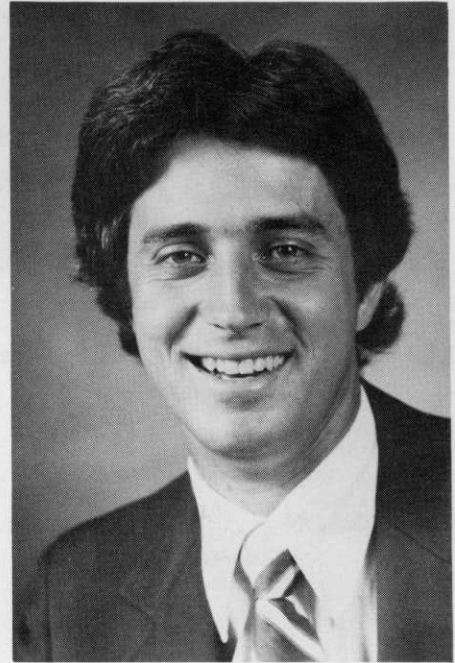
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President's Message



The transition of *The South Florida Green* into *The Florida Green* marks the beginning of a new era for golf course superintendents in the state of Florida. As professionals in the golf course industry our objectives and activities must be coordinated on a state wide basis in order to properly keep pace with today's technology and varied crises. We should continually seek to improve our professional image not only with upper management but with the general public. This can be demonstrated through work we do by continuing to upgrade our professional capabilities and through skilled communication such as this magazine. Only by making people aware of the skills, management, technology and immense responsibility required to operate a golf course facility, can the golf course superintendent receive the recognition for his accomplishments.

This magazine is a valuable communication tool which if used properly will create a multitude of benefits. It's up to the individuals to promote themselves. The golf course superintendent is a great salesperson at budget time, why not promote his or herself with these same skills?

The re-organization of the Florida Golf Course Supt. Assoc. occurred nearly two years ago. From the beginning the officers of your local chapters have devoted many hours to carefully nurture and construct a solid foundation for our state association. Seven organized and unified chapters working toward a common goal and speaking with one voice can be more productive than a fragmented organization. This does not mean a loss of identity, functions or uniqueness for your local chapter. In fact, the accomplishments of each chapter will be magnified because of increased communication across the state.

As a state association our number one priority is to focus on Florida issues and meet the demands of our members and their chapters (an example would be registering a complaint on the ban of DBCP in Florida). The number two objective is to gain support and membership for the GCSAA. This is our national organization that needs our backing and input. The benefits will be many and the recognition that comes from unification of our efforts will be readily available to us.

But, there are many other benefits. Just recently, one of our fellow golf course superintendents Dan Meyers (CGCS) of the West Coast chapter had his story concerning golf course employees featured in the National Magazine, *Golf Course Management*. The article was pertinent to our problems, beneficial and educational.

The golf course superintendents in the state of Florida have been thrust into an enviable position. Because of geographical location, climate, tourist attractions, and expansion, Florida has the fastest growing golf industry in the country. We should take advantage of these opportunities and assume a leadership role in the nation's turf industry.

Possibly, even with all our collaboration and hard work, government agencies will continue to tie our hands and people will still refer to us as "Greenskeepers". It's unfortunate that the work of qualified professionals can be affected or altered by the misuse of others less qualified and thousands of miles away. Let's join together and try the positive approach. Support your local chapter, the state association and the GCSAA. Hopefully, we can continue to endeavor in the field we love for ourselves and the game of golf.

Tom Hein

The Florida Green

The Official Bulletin of the Florida Golf Course Superintendents Association

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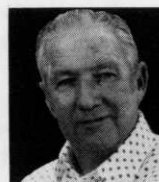
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ABOUT OUR COVER

GREAT WHITE EGRET, with breeding plumage, feeding in pond adjoining Key Biscayne Golf Course, Miami.

Color Photograph by Harry McCartha

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Topdressing: A Practical Approach To Good Management

By HUBERT E. (AL) FRENETTE



In recent months, a lot has been written about the pitfalls and dangers of topdressing with sand or sand-organic mixtures. This followed on the heels of a paper published at one of the turf schools in California. Superintendents who experimented with the technique gave varying opinions on its merits. Some saw no significant difference from their normal program, some saw a marked improvement, and still others abandoned the program as too time-consuming for the benefits noted.

In the wake of this experimenting came the warnings from everyone who needed to publish. Close analysis of some of these papers will reveal a similarity to some well-known authors' views on topdressing. Unfortunately, the new opinions were taken out of context. In some cases, the writer appears to be totally ignorant of the subject of topdressing and has assembled a paper of theory, opinion, and reprinted materials from recognized authorities on the subject of turf management.

This writer intends to present a practical approach to the business of topdressing, concentrating on the purpose, materials, blending, and application of topdressing on fine turf areas.

For years, golf course superintendents have recognized the practice of topdressing as a valuable tool. Research has further taught us the purposes for which topdressing can be used in a total program. We recognize it as a tool for the control of thatch, probably the most important reason, because it promotes bacterial activity that reduces thatch, footprinting, disease incidence, and graininess. Spring and fall topdressings eliminate or mask scarring from worn turf and ball marks. In addition, topdressing newly seeded areas aids in stabilizing the seed and hastening germination. As an added benefit, topdressing helps level the surface and promotes juvenility. Some would disagree with the order of importance placed on this list but none would disagree that topdressing provides all the benefits listed.

When we speak of topdressing as a tool for maintaining a good growing medium or as a method of renovating poor growing conditions, two things are basic; (1) the topdressing material should complement a good soil profile and (2) the material should improve a poor soil profile. Beyond this we cannot expect topdressing to perform miracles. Stick to the basics and you can forget what might happen in 10 to 20 years.

Prior to starting a topdressing program, the superintendent should have a valid test made of the available materials. This test should be made by a USGA approved laboratory to determine whether the materials are suitable and to make recommendations as to the ratio of sand, soil and organic. The existing seedbed should also be tested to determine whether it requires modification or is acceptable as a well-drained, silt-free growing medium. The success or failure of your topdressing program will depend on your knowledge of your soils and no amount of fingering or feel will tell you what a soil test can.

A lot has been written about the benefits of purchasing topdressing materials as opposed to preparing your own. A recent article stated that it was much cheaper to purchase prepared materials, that was of higher quality, than go through the trouble of mixing your own. This was the same fellow that recommended using 15-20% soil (whatever that is) in your mix to avoid the evils of sand topdressing.

A word of caution on purchasing materials. In some areas, topdressing and seedbed mixes are being sold as the answer to the superintendent's need for a blended material. Many of these do not meet USGA requirements for a suitable growing medium. Investigate beyond the advertisement and claims; have all such materials tested and approved before you use them in your topdressing program.

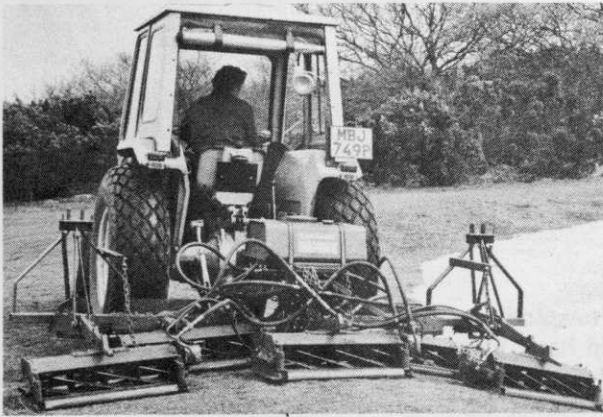
It has been our experience here at Peachtree that preparing your own topdressing definitely saves time and money. It saves time because you have a material which is homogenous and weed-free, spreads easily, and mats in without any cleanup required. It saves money because you can utilize your crew in the off-season and the cost of the materials is far less than the prepared mix. Last, but not least, you know exactly what is going on your turf. We use a 9-0-1 ration (9 sand - 0 soil - 1 organic) which matches our original seedbed mix of 8-0-2 with somewhat less organic.

Many superintendents shy away from the thought of spending the time mixing topdressing. A painless method is suggested below and we have found these steps to be very successful:

1. Sand - 100 tons at \$7.00 per ton \$700.00
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spread dumped on a corner of the parking lot which provides a perfect work area. During the off-season, the lot can be used during the weekend without any difficulty. The sand is then spread evenly to a depth of 1 foot over an area approximately 30 feet wide by 80 feet long (2400 cu. ft.) The spreading is done by 2 men in 4 hours (8 manhours at \$4.00 per hour

32.00

If extremely dry, the sand is wet down to provide ample moisture for fumigation.

2. Peat - 120 bags at \$1.95 per 2 cu. ft. bag Using a ratio of 9-0-1, we purchase 240 cubic feet of processed Michigan peat which is readily available at a local nursery. The organic fraction is included to prevent layering and not for moisture retention or CEC.

234.00

The bags of peat are laid out on the sand at 6 foot intervals by 6 men. The bags are then slit across the center and dumped in a cone shaped pile. These piles will support the tent for fumigation. This step takes the 6 men about 1 hour. (6 manhours at \$4.00 per hour)

24.00

3. Polyethylene Sheet - 40' x 100' (6 mil)

42.00

We place this sheet over the peat and secure the edges with sand to prevent the sheet from being lifted by the wind. This operation takes the 6 men about 1 hour (6 manhours at \$4.00 per hour)

24.00

4. Dowfume - 1 Carton (24 lbs.)

45.00

The material is fumigated with Methyl Bromide at the rate of 1 lb. per 100 cubic feet. This operation should be done on a sunny day and when the temperature is above 40°F. This will enable the gas to volatilize and disperse. The Methyl Bromide is released under the sheet with the approved applicator. Due to the risk involved in this operation, the superintendent or his assistant is responsible for actually releasing the chemical. This step takes about 1 hour.

6.75

We leave the fumigant under the sheet for about 48 hours. We try to complete the whole operation on a Friday and leave the sheet on over the weekend. As stated earlier, should the temperature drop below 40°F, we will leave the sheet on until we have gotten at least 1 day of sunshine on the polyethylene

When the sheet is removed, the mix is allowed to air for some 1-2 hours. Removing the sheet requires the same 6 men for about 1/2 hour (3 manhours at \$4.00 per hour)

12.00

5. Blending

The piles of peat are now spread to a uniform layer over the entire area, using wide bunker rakes. This step will take 2 men 1 hour to complete (2 manhours at \$4.00 per hour)

8.00

We now put a small garden tiller on the pile and till it as deep as possible, in two directions. 1 man can complete this operation in 4 hours (4 manhours at \$4.00 per hour)

16.00

The final blending operation is for 1 man and a front end loader to move all material into a pile as high as the loader will reach. This should take about 3 hours. This pile is then moved to a second location, further mixing the material. Both steps take some 6 hours (loader and operator at \$5.00 per hour)

30.00

6. Storage

The material is now loaded into a dump truck and taken to a suitable storage area (preferably a sheltered area) to keep it dry and prevent contamination. Normally, this operation will take 1 man with a loader and dump truck 1 day

50.00

7. Cost

The total cost of this entire operation amounts to about \$1,225.00, including all materials and labor. This breaks down to \$12.25 per ton of topdressing material that is tested, fumigated, blended, and available when you need it. Compare these figures to any prepared mix that you can purchase.

No further handling is necessary until the topdressing is taken to the green or turf area. When using topdressing on greens, we shovel the material onto a 1/4" mesh screen fitted over the topdresser. This gives us a trash-free material which mats in smoothly and requires no further handling or cleanup.

In summary, your topdressing program should be geared to the soil conditions and problems on your particular course. No prepared material available for purchase can meet all requirements. The time and money you invest in preparing your own topdressing will provide you with the type of material tailored to your needs.






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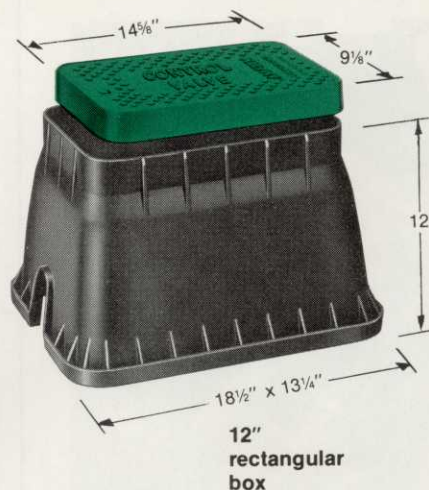
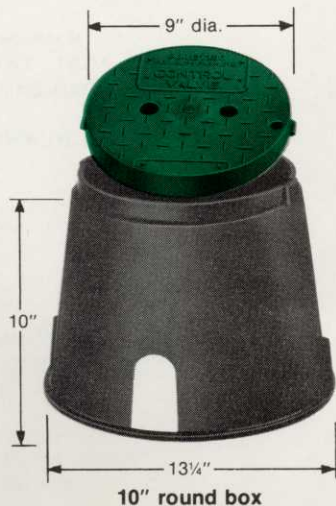
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Original Freddy Stages Breakout

By Larry Nunn

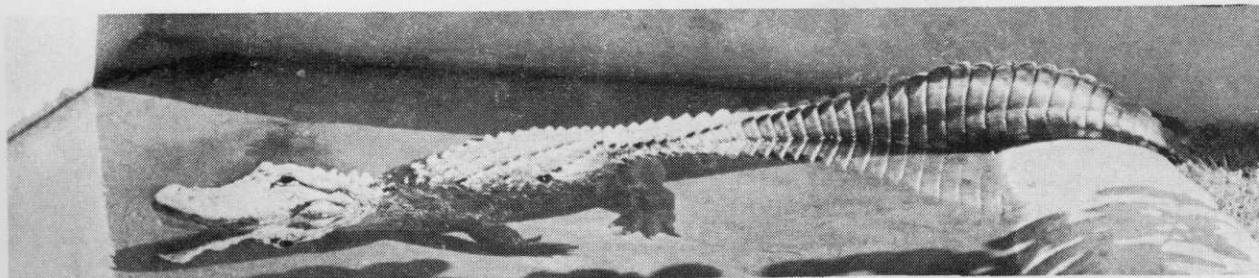
"Don't pay the ransom honey, I've escaped." These are the opening lines of a country-western hit, but recently it applied to "Freddy" the District's original alligator.

For a period of two days we waited expectantly for "Freddy" to return to his original home in Lake Park, but he never showed. For years we have heard about alligators being captured and taken to remote areas in the Everglades, and after a period of time, somehow they find their way back to their original home.

We first met "Freddy" nearly 11 years ago when he burst forth from his egg during the filming of the international award winning film "Alligator." It was love at first sight, and when "Freddy" cuddled up to me I realized that he must become my pet. It took some doing, but finally the Florida Game and Fresh Water Fish Commission issued a permit to raise "Freddy" in captivity.

During the next two years a hectic friendship blossomed between the tiny six-inch alligator and his loving master. During that time he was fed hamburger, fresh minnows obtained from a bait shop, and on Sundays he was treated to marshmallows which he adored. At first "Freddy" was housed in a fish aquarium, but as he grew larger, and larger, a special built aquarium was constructed that provided water to swim in, dry land to sun in and ample food for a dozen alligators. No one told us that alligators hibernate during the winter and when "Freddy"

(Continued on Page 11)



HOW "FREDDY" HAS GROWN--Top photo. Paula Guerina holds "Freddy" shortly after he hatched from an egg, a scene that was captured for the District's prize winning film "Alligator!" Center--Two years later Larry Nunn turns his pet over to officials at the Dreher Park Zoo. Bottom photo shows "Freddy" as he looks today after being captured following a two day breakout from his Zoo headquarters.

refused to eat, he was almost force fed, and the extra food added to his size, a process that has continued until the present time when he has passed the 10-foot mark.

"Freddy's" first escape occurred eight years ago during his master's absence from town. The Mrs. was sweeping the swimming pool when she felt something crawling over her foot. She looked down, and to her horror found "Freddy" trying to be friendly. Neighbors were called in to capture the wild two-foot long monster and return him to his home.

Upon my return, I was given an ultimatum that either "Freddy" was going, or my wife was leaving. I gave this some thought and then started looking for a new home for my pet.

Removing him to the Everglades was certainly not the answer, because we had trained him to come upon call for his supper and it was very apparent that if he was taken to a wilderness he had never known, he would walk up to the first hunter and beg to be fed.

A call to the Zoological Society of the Palm Beaches found a positive offer: "We would love to have 'Freddy' in our Dreher Park Zoo." That was the easy part. When we handed "Freddy" to the caretaker he squirmed and fought his new master. Then photographers asked for another picture of me holding him and I took the alligator back into my arms and he actually cuddled up to me, making the parting much more painful.

For eight years "Freddy" has been an apparently happy alligator and has showed off for thousands of visitors. Our visits to "Freddy" started out on a weekly basis, but in recent years this has been reduced to once a year on September 12th where, of course, we always present him with a birthday present of marshmallows and cake.

Then, in early March, "Freddy" apparently said "to heck with it all!" and burrowed his way out of his cage and disappeared.

We would like to think that his reason for the prison breakout was to return to his original home. However, cooler heads indicate that perhaps he heard Mendelssohn's Wedding March and went looking for his bride.

However, Zoo officials did not take the escape lightly and quickly closed the park--and even returned the admission money--and the search was on.

The park remained closed the remainder of that day and all the following day until, as the sun was slipping into the west, the prisoner was located. After carefully taping his mouth shut, the giant creature was returned to his home.

Zoo officials are now busy building "Freddy" a brand new home that they hope will be escape proof, but I still can dream that someday we will hear a knock at the door and find that "Freddy" has returned to his original home and is looking for a marshmallow.

Reprinted from South Florida Water Management District Bulletin.

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Hans Schmeisser Receives Palm Beach Chapter's First Distinguished Service Award



Hans Schmeisser, left, and his son, Otto, president of the Palm Beach Chapter of GCSA.

On June 18 at a Gulfstream Golf Club chapter meeting Hans Schmeisser was awarded a plaque by the Palm Beach group.

Scott Sincerbeau made the presentation to Hans and said the following:

"As chairman of the Special Awards Committee I take great pride in being able to tell you about the first recipient of the Palm Beach Chapter Superintendent's Association Distinguished Service Award.

"South Florida is blessed with many of the best golf course superintendents in the world. Special among these men is a superintendent with 50 years active service in our profession, a man that by being an honest, sincere, friendly professional person has established most of the standards that we work by today.

"I will introduce him to you then I would like to tell you some of the highlights of his career.

"The 1980 recipient of the Palm Beach Chapter Distinguished Service Award is Mr. Hans Schmeisser.

"To understand Hans' career I think it is important to picture in your mind the early 1930's when there were only three or four golf courses in Miami and only a handful in all of South Florida. It was a time when superintendents didn't have others to look to for help and there were no best ways of doing business or fancy equipment to work with.

"Hans first golf course was a resort course at Everglades City for Mr. Collier (of Collier County fame). He had flower beds, elaborate entranceways, lush landscaping and a golf course in the middle of the Everglades in the early 1930's. Because of the quality of work Hans did and the clientele at Mr. Collier's resort, Hans met many famous people in-

(Continued on Page 22)

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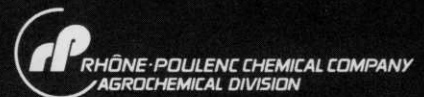
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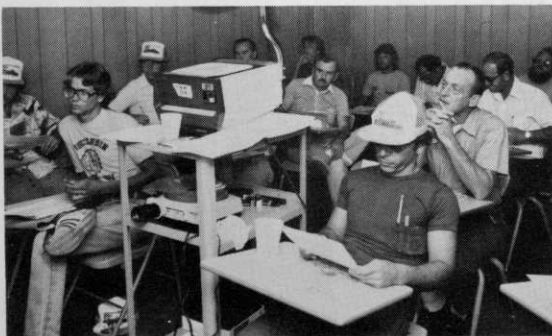
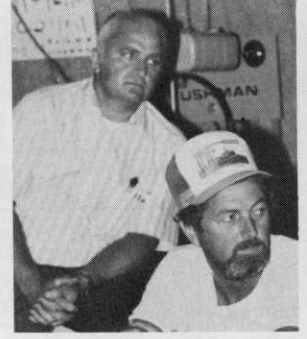
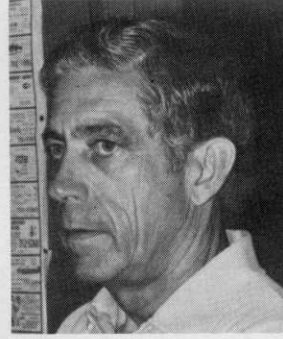
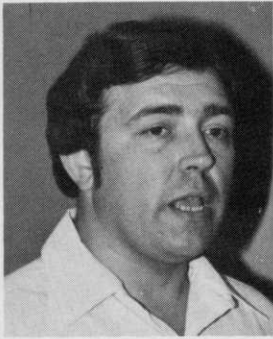
DeBra Turf and Jacobson Conduct "Hands-On" Equipment School

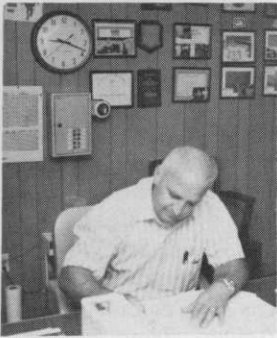
• 35 Mechanics and Supervisors Attend 3-Day Session at Lake City College

Once again Lake City College and Director Jerry Cheesman cooperated with manufacturers and dealers in providing classrooms and shops for advanced training to golf course personnel, shown here during mid-June.

Ralph Sylvester and Tom Young were Jacobsen instructors aided by Randy Smith, shown in Row 2 with Ed Combest. David Lee served as host for the DeBra Company.

(Photographic Report by Harry McCartha)





Excellent Job Opportunities Await Graduates as Golf Course Mechanics

- Lake City Community College Needs Our Help in Recruiting Students



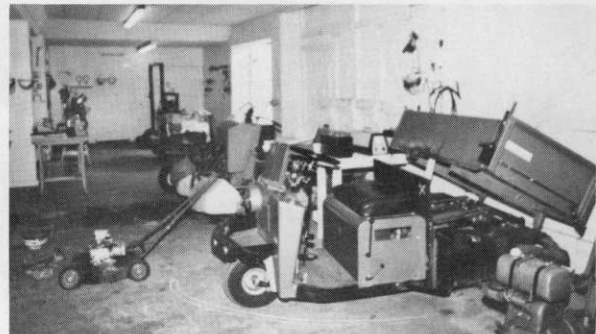
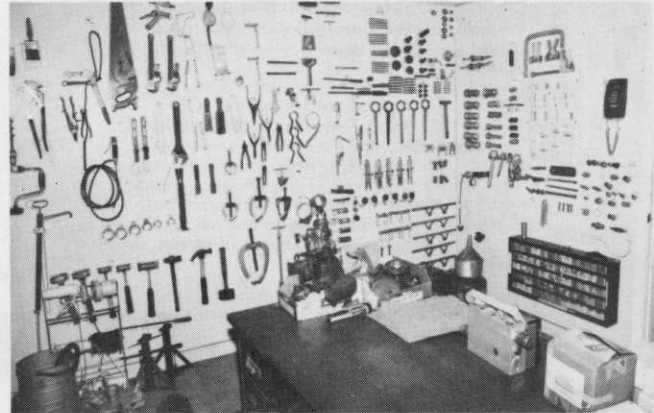
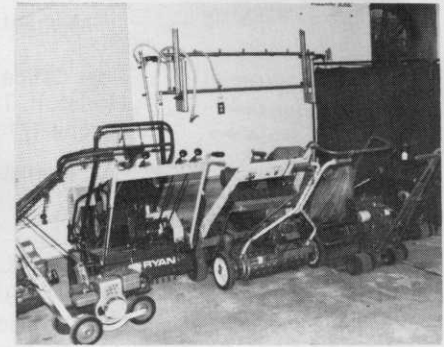
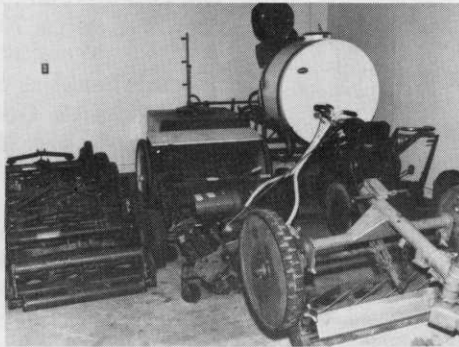
With nearly a quarter million dollars worth of equipment and tools, excellent instructors in fine shop-classroom buildings, at Lake City Community College they're helping our industry.

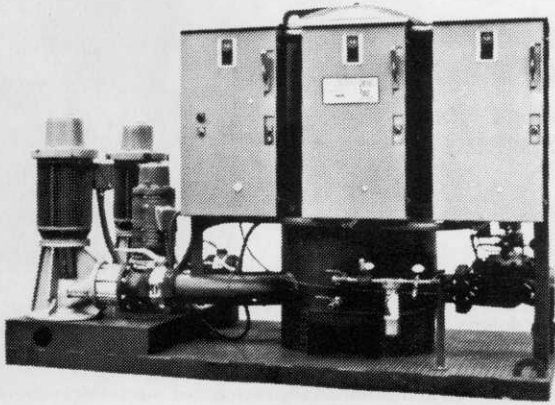
You can help interest students to enroll in this nationally recognized mechanics school. Ed Combest, shown top left, is instructor and Jerry Cheeseman at right is director.

Mechanical certificates can be earned in one calendar year. The school offers quality training at low cost to the student.

A very small part of the equipment and shop areas are shown here. Further information may be obtained from the college by mail or by calling the director's office in Lake City, Florida — 904/752-1822, Ext. 225.

(Photographic Report by Harry McCartha)





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Florida-Georgia Wins Poa Annuu Classic

Ron Hill, Amelia Island Golf Course, scored a low gross 70 to pace the Florida-Georgia chapter to their first victory in the Poa Annuu Classic. Lehigh Acres, Mirror Lakes Golf Course was the site of the annual event. Robby Robbins, Gainesville Golf and Country Club, carded a 73 to help the winning team and Alan Stoffel, Timuquawk Golf Course, added a 74. Central Florida was the runner-up chapter. Their team was led by Dan Aylwin, New Smyrna Golf Course, and Joe Ondo, Winter Pines Country Club, as both carded a 73. Tim Hiers, Suntree Golf Course, was their next low score with a 74. The defending champion, the host Everglades chapter, finished third. They were paced by Dick Bessire, Burnt Store Golf Course, with a 76.

Kevin Downing, Atlantis Golf Club, won the low net with a 70. His score was formulated on the calloway system. Jim Walsh, Zaun Equipment, and Sunny Smith, Superior Fertilizer, tied at 77 to share commerical honors for low gross. The commercial low net was won by Doug Anders, Busch Brewery, with a 70 on the calloway system.

Special thanks to event chairman, Bob Sanderson, CGCS, Port Charlotte Golf Course. Mirror Lakes superintendent Rick Cook; pro Mel Eby; and Jim Fortana, senior vice president; provided their excellent facility to us at no cost. The host, Everglades chapter, had numerous prizes. Top gifts were two weekend vacations. Ron Hill won a week for two at South Seas Plantation, Captive Island. Kevin Downing won a weekend for two at the Naples Golf and Beach Club, Naples. Other prizes included a set of Titleist woods, three golf bags, head covers, putters, drivers, and irons. Shirts, umbrellas, balls and gloves were also gifts for chapter winners.

Dr. Gerald Anderson and his staff get special credit for another great barbecue! It's always goooood!



Front left: Bob Sanderson and John Hayden. Standing, left to right: Alan Stoffel, Robby Robbins, Bobby Weed and Ron Hill.



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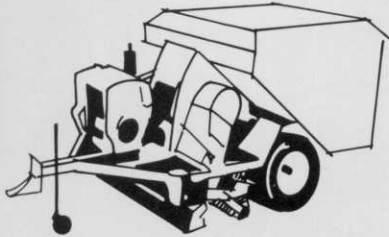
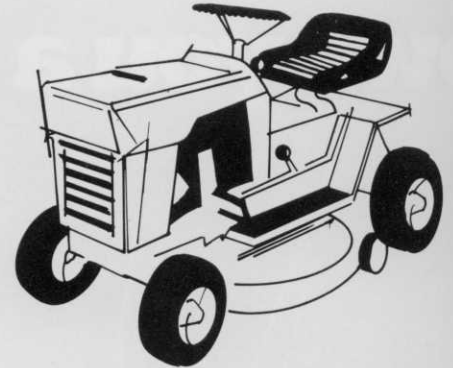
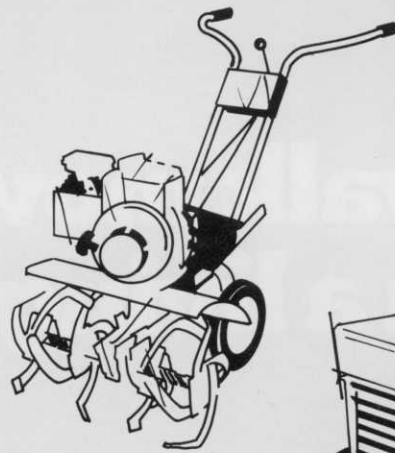
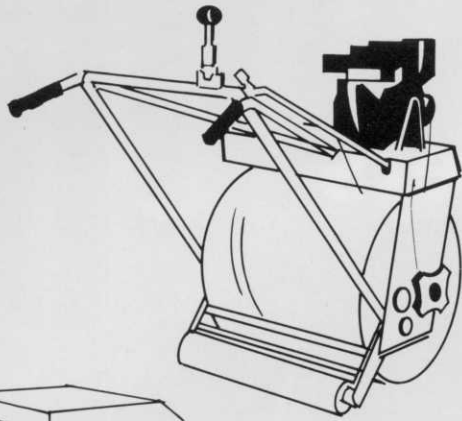
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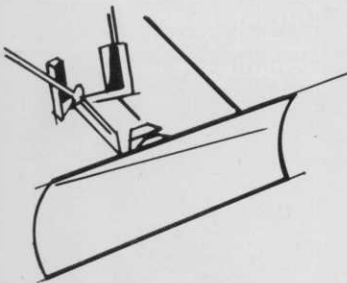
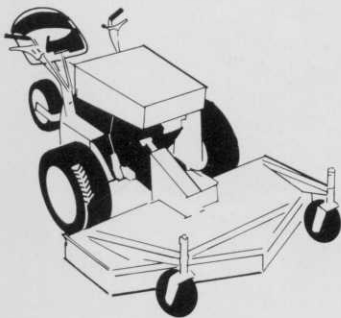
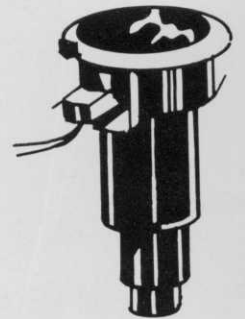


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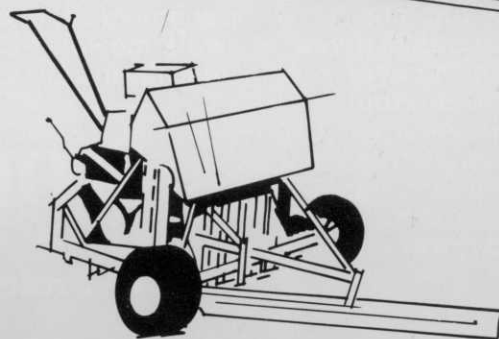
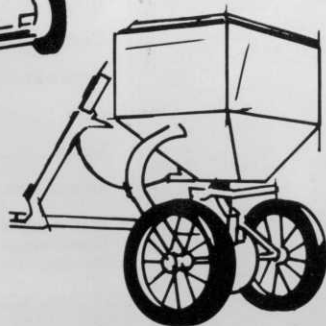
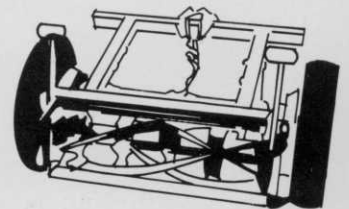
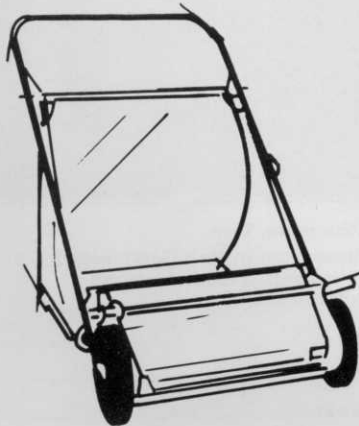
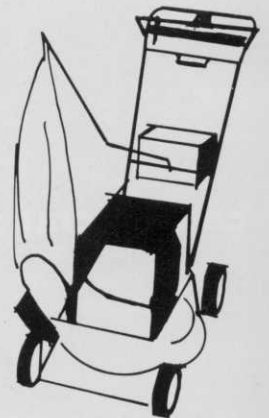
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Putting Green Overseed Report

Fall overseeding of putting green surfaces is done by the majority of golf courses in Florida. The time to order your fall seed is now. A recent study on this subject may shed some new light.

Phil Gardner, regional manager, Lesco Products compiled the following information. The territory interviewed included all the state of Florida except the panhandle region. The total of eighteen hole courses was 465. Of that number, 305 overseeded putting greens. Because of simple geography, the courses from Orlando north led the count. Their section showed 122 out of 130 were overseeded. Tampa, south to Marco Island along the Gulf of Mexico coastline had 90 out of 145 courses overseeded. The east coast, from Vero Beach to Miami was the exception to the state majority. This area had 93 overseeded out of 190 courses computed. The warmer temperatures off the Atlantic Ocean account for this result. In this region the subject is open to conversation. Clubs next door to each other, with similar budgets and the same golf players, seldom agree if it is needed.

The most often used seed type was perennial ryegrass. As a matter of fact it was the overwhelming winner. Only 24 out of the 305 did not use some form of ryegrass. The rye breakdown was as follows: 5 annual, 33 Pennfine, 12 Manhattan, 6 Citation, 2 Regal, 9 Derby, the remaining 214 were blends. The leading blend was Medalist combinations with CBS as runnerup. Penncross bent was used by 13 courses in the Palm Beach and Miami area. Five courses in the Naples section used this type of overseed. Three other southern courses used Penncross bent and fescue blends. Fescue was used in about thirty courses as a blend, but none used it in a pure fine leaf variety. One Palm Beach based company used Kentucky Bluegrass on their two courses.

Overseed rates were fairly standard. Rye rates were between 25 and 30 pounds per thousand square feet. A few courses were as high as 40 pounds per thousand square feet. The penncross bent rates were between 3 and 4 pounds per thousand square feet. Thus the overseed cost of the rye and bent greens were about the same. Rye seed per pound cost about 1/6 that of bent but six times the seed must be applied.

Overseed dates vary in the state. The northern courses start the last week of October. Most are done with their work by mid November. In contrast, the southern 100 mile area on both coasts has little done before Thanksgiving, and generally are finished by mid December.

Eighty percent of the ryegrass seed was treated with Koban. This percentage should be near one hundred percent. Last year the price difference was 4¢ per pound more

(Continued on Page 18)



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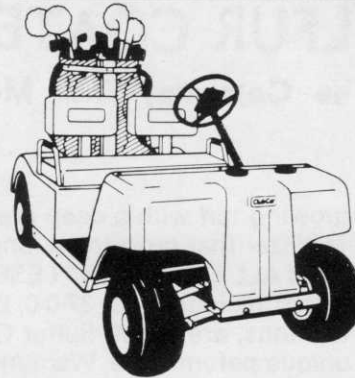
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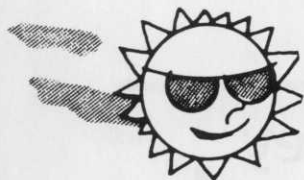
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than non Koban treated seed. This year it will be 5¢ per pound. This is a good investment against pythium disease. The main objection to overseeding with bent is in this area. Bent seed is not Koban treated because of the very small seed size.

Two out of three superintendents statewide said they had their bermuda greens in a weak condition prior to overseeding. This made it easier for the seed to get established. After overseeding the fertilizer rates were increased. Eighty-five percent verticut prior to overseeding. Surprising results show fifteen percent did not topdress behind the overseeding. The cutting height on established overseed was generally 3/16 inch. The east coast led in lower cutting with many at 5/32 inch and some down to 1/8 inch cut height.

Overseeding was not limited just to greens. State totals show 110 courses overseeded tees. This was done to 75 out of 130 courses from Orlando north. Only twelve used a rye blend and the remaining sixty-three used annual rye. Annual rye was also used in fifteen out of the twenty courses on the west coast that overseeded tees. 125 did not overseed tees in that area. Nine of fifteen east coast courses used annual rye on tees. The other six used a rye blend. 175 east coast courses did not overseed tees. Small tees, with heavy play factors, forced overseeding of tees in the southern area.

Six courses in the Jacksonville area overseeded fairways. In all cases annual rye grass was used. But then again it does snow up there!



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Subject:

Survey Results, State and National

Two separate survey reports have just been released with striking similar results yet marked different vital statistics. The two reports are the "Profile of Golf Superintendent" by our national GCSAA headquarters. The other is a Florida survey of 146 courses compiled by Bob Sanderson, CGCS, Port Charlotte Golf Course. Both works are excellent data. With nearly every dollar answer you ever wanted to know about a golf course, but did not know who to ask. Because both had over a 30% response they are statistically valid.

The facts and figures lead up to "averages". Some people say averages are useless but some medium must be achieved. If you think the averages do not apply to you, try and find an average golfer and ask them where they play. No golfer will ever admit to being average. And likewise few courses will admit to being average.

When comparing our golf courses to those in other sections of the nation the constant argument occurs. Dollar wise it can not be done on an even basis. It is like comparing apples to oranges. This is true but, there is a direct relationship between rounds played, thus total income. And the budget spent to maintain the golf course because of additional play and yearly growing season. To put the two into focus look at the numbers from this angle. The Florida golf courses are very efficient for the dollar spent versus income.

The size of the golf courses were the same so throw out that factor on both sides. The national average was just two acres larger. The Florida golf courses played 52,000 rounds of golf with the national figure some 20,000 rounds less. This represents a 60% increase over the national total. Did we spend 60% more to maintain the playing condition of the golf courses. The answer is no. The national average of \$155,600 is the base figure. That would get you through your seventh month of a fiscal year in Florida. The state average is \$225,000, excluding executive courses. This is 45% increase over the national norm. The high income, big budget area of Palm Beach and Miami areas were different from other state figures but had an equal ratio to national

numbers. Both their income and maintenance budgets were about 65% above the national average.

The personal profile of the superintendent at the state and national level have interesting stories to tell. One of the most noteworthy stats from national was the education level. The quality of management professionalism is reflected by the fact that 36% of GCSAA survey hold a bachelors or advanced degrees. Another 28% have an associate degree. The age of the "dumb sod farmer" is long gone. Also the superintendent is playing golf. The national average of 42 rounds per year is probably 25% below a state average if such statistics were kept.

Vacations are where the Florida superintendent loses to the national norm. It is easy to understand why. It is not unusual for a Florida superintendent to not be able to take a full two week vacation. Usually your total is two weeks and that gets split into two or three short "get away" periods. The national figures will make us jealous. But not if you must throw snowballs in December or January like they do. Only 38% nationally have two weeks or less vacation. The national numbers tell us 31% get four or more weeks vacation.

One vital area is similar in spite of the larger work load. The national and state salaries differ only a few percentage points. The high budget area of the southeast Florida coast comes out 24% above the national salary figures. But salaries in three local state chapters are below the national salary rate by as much as 14%. The hours worked in Florida compare to that same percentage of additional rounds played. One Florida superintendent tells the story of a winter visit of a superintendent from upstate Michigan. The visitor asked when do you down machinery to rebuild it. He was told we take a forty-five minute lunch break and the mechanic works on the equipment then. The mechanic takes his lunch break at a different time. No four months off here!

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If you're hardnosed about business decisions, you want to get the in-depth facts on a product before you buy. That's why we've put together this head-to-head comparison between the insides of an E-Z-GO and a Cushman. We took comparable top-of-the line models, E-Z-GO's GT-7 and the Cushman Turf Truckster. Here's what we found.

Power Source: 18 horsepower OMC engine, tightly compartmentalized. Ground speed 0 to 22 mph.

Braking: Hydraulic internal expanding.

Payload: 1000 pounds.

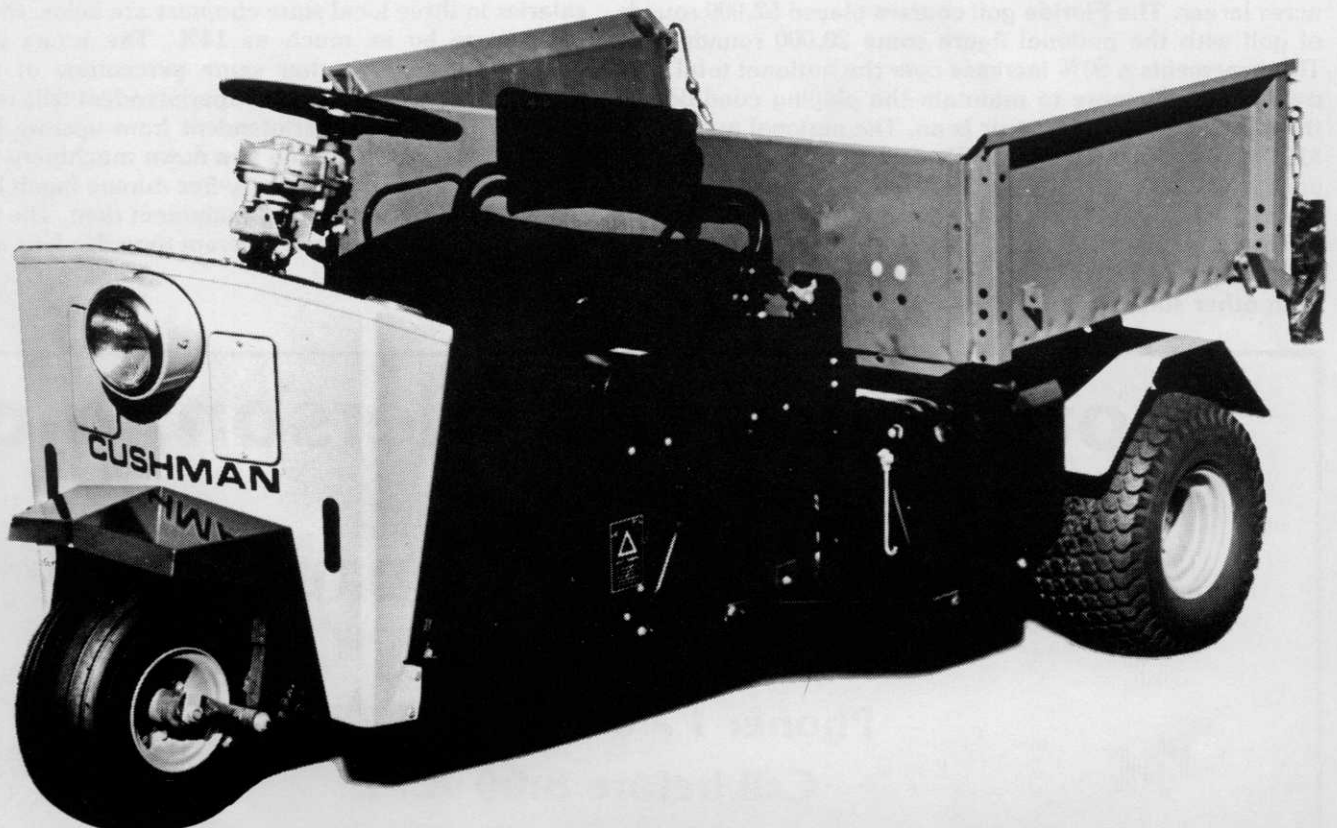
Suspension System: Torsion bars, leaf springs, front and rear shocks.

Dump Construction: Single wall.

Headlights: Single.

Seating: Single seat for one passenger with back rest and hip restraint.

Price: Virtually the same.



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Power Source: A rugged, reliable 18 horsepower Onan engine with the power to carry a full payload up to 24 mph. Substantially larger engine compartment for easier maintenance.

Braking: Improved hydraulic internal expanding.

Payload: 1500 pounds. A massive 50% greater carrying capacity than Cushman. More cubic space for greater material volume.

Suspension System: Heavy duty torsion bars, leaf springs, front and rear shock absorbers, designed to support the bigger payload.

Dump Construction: Heavy duty diamond plate steel with rugged rear bumper for heavier loads and longer life. Easily convertible to flat bed.

Headlights: Dual lights for greater night vision.

Seating: Dual seats for two passengers with individual back rests and hip restraints, constructed for larger men, greater comfort.

Price: Virtually the same.

Summary: E-Z-GO carries a greater payload, is easier to maintain, is larger, more durably built, and safer with a wider wheel base. E-Z-GO uses top quality components from companies such as Bendix, Borg Warner, Dana, Onan, and Rockwell International.

For the complete story on the E-Z-GO GT-7, a demonstration on your course, contact your E-Z-GO distributor. For his address check your Yellow Pages or call or write Mr. William Lanier, E-Z-GO, P.O. Box 388, Augusta, Georgia 30903, at (404) 798-4311.



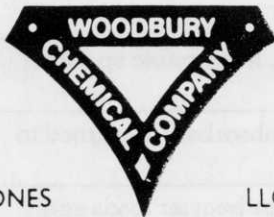
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Hans Schmiesser Honored

(Continued from Page 12)

cluding Dr. Fairchild from the world famous Fairchild Gardens in Miami. Dr. Fairchild and Hans became very close friends. When Dr. Fairchild would bring exotic seeds from various parts of the world he would give some of them to Hans to plant throughout the state. Hans was the first to plant Australian Pines and Malalucca on the West Coast of Florida, at a time when they were looked on with great favor.

"Hans was the first in Florida to test and use 2-4-D. Even before World War II he found it would easily control broad-leaf weeds. 2-4-D wasn't on the market for six more years, at the end of World War II.

"Tom Mascara brought his first greens aerifier to Hans to try. Tom said Hans would tell you right away if it was any good or not. Here against was a first.

"At La Gorce in Miami in the late 1940's Hans made selections of Bermuda grass, established plots and from the plots started the best varieties on greens. Remember now, that Dr. Burton didn't even begin his work at Tifton until about 1948. In fact, Dr. Burton collected many varieties from Hans at La Gorce.

"By the way, Hans has attended Dr. Burton's Southeastern Turfgrass Conferences at Tifton since the beginning of 1948. Hans has also been a member of the GCSAA since 1948.

"Forrest Hills Golf Course in Lake Worth, where Hans is superintendent, was the first golf course to use Tifdwarf on greens when it was released in 1965. Forrest Hills is one of many courses that Hans designed and built over the years. He has helped in rebuilding many, many more, working with golf course architects such as Toomey & Flynn, Mark Mahanna, Red Lawrence, Dick Wilson and Robert Trent Jones.

"Hans has three sons. John, who is Robert Trent Jones' right-hand man; Fred, who is not in the turf business, and Otto who, of course, is the golf course superintendent at the Everglades Club in Palm Beach and president of the Palm Beach Chapter of GCSA."

The plaque was presented by Otto Schmiesser. The presentation met with a standing ovation.

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National Director Paul Boizelle Speaks To Joint South Florida Meeting

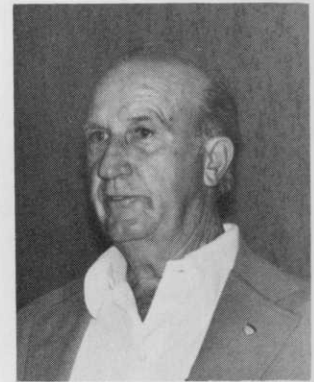
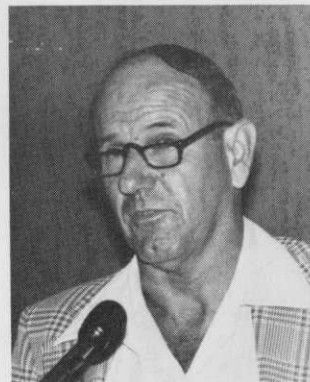
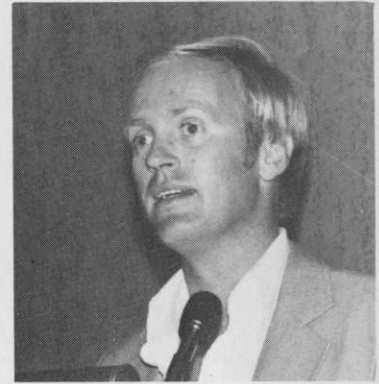
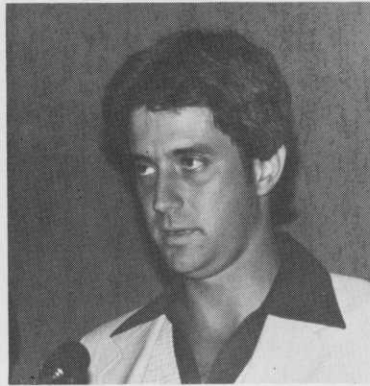
"Code of Ethics for the Golf Course Superintendent" was the subject of a fine talk given at a recent South Florida meeting. Brad Kocher served as host at Inverrary Country Club in west Fort Lauderdale.

Director Paul Boizelle is shown top right. The meeting was conducted by Alan Weitzel, second row left. Next to him is Tim Hiers, president of Florida State Association, promoting the Fourth Annual Crowfoot Open. At right, Paul and Dan Jones examine Bermuda root system.

Third row: David Holler, director GCSAA, now affiliated with Riviera Country Club at Coral Gables; Dick Lemmel of Doral, and Brad Kocher of Inverrary.

Bottom row: left, part of the large attendance; center, Phil Amman of Bonaventure Country Club and George James, South Florida golf chairman.

(Photographic Report by Harry McCartha)



MARVELGREEN...

Overseeding

The Palmer Method

Arnold Palmer's choice of Marvelgreen for his Florida Bay Hill Country Club is no accident.

In fact, Marvelgreen is also the choice of several other prestigious courses:

Pinehurst Country Club (North Carolina), Princess Hotel (Bermuda), Country Club of Aventura (Florida), and Rio Pinar Country Club (Florida), to name a few.

At the 1979 annual Bay Hill Classic, some of the world's top golfers praised Marvelgreen's superior appearance and playing surface:

● Lee Trevino: "I've never seen a golf course in Florida look this good in winter. It's gorgeous."*

● Tom Watson: "The course is in great shape - the best we've played on this year."*

● Gary McCord: "This is the best shape I've seen for a course in Florida."*

● *Sports Illustrated*: "... they all applauded the fairways, the rough and the greens, which they said were perfect."†

We're proud that a perfectionist like Arnold Palmer has chosen Marvelgreen to be a part of his overseeding program. Have as much pride in your course, follow the Palmer Overseeding Method . . . use Marvelgreen.



*All direct quotes from issues of *Orlando Sentinel Star*.
†*Sports Illustrated*, March 12, 1979.



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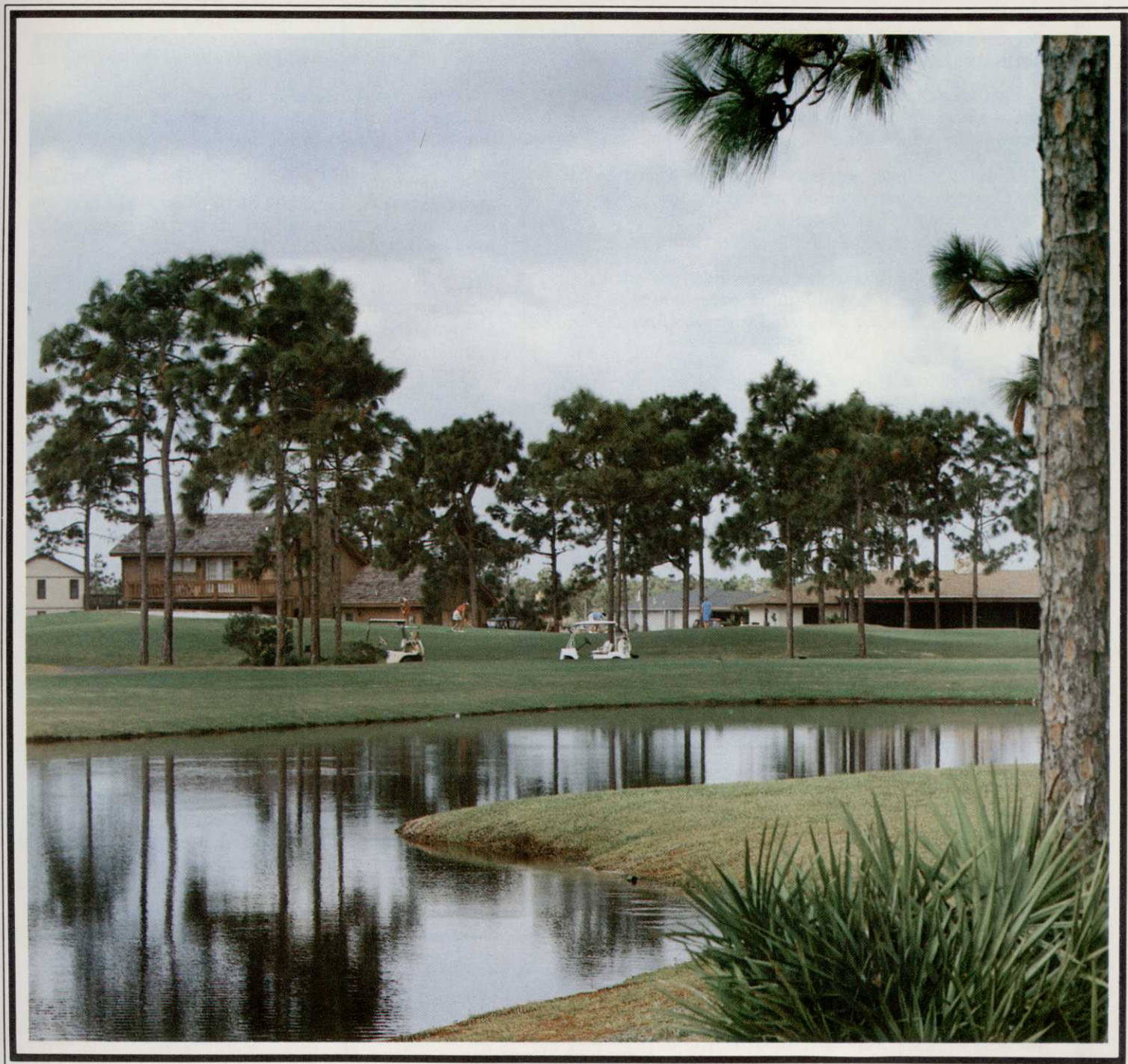
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FOURTH ANNUAL CROWFOOT OPEN
Suntree Country Club
Melbourne, Florida

The Florida Golf Course Superintendents Association and Suntree Country Club are proud to present the **FOURTH ANNUAL CROWFOOT OPEN** on Monday, August 4th, 1980 hosted and co-sponsored by the Central Florida Golf Course Superintendents Chapter.

Last year's tournament was an outstanding success and we hope to continue building that reputation. This can only be achieved with your continued support.

With the tradition and prestige already established, the Crowfoot Open is widely recognized throughout the state and country as one of the most unusual and exciting events to people in the golfing industry.

We would like to take this opportunity to outline some of the details, history, sponsorship benefits and requirements of being associated with the Crowfoot Open.

The Crowfoot Open is a one day shotgun start tournament. Golf course superintendents and associates in the commercial industry who are members of qualified chapters are eligible for participation. In addition to those chosen by the local chapters, special invitations are sent to non-members such as state sports writers, local T.V. personalities, and representatives of the golfing industry with an interest and concern for golf.

The day's festivities begin with a 6:00 a.m. bass fishing tournament on Suntree's beautiful lakes. A trophy for the winner and prizes for the participants will be awarded. (It should be noted that all activities are at the participants preference.) From 8:00 to 10:00 a.m. will be tournament registration and a full course breakfast buffet. The shotgun start will be at 10:30 and refreshments will be served on the course for the duration of the tournament by our attractive volunteers from the University of Florida. There will also be refreshment centers conveniently located on the course. Lunch will be available in the form of cold sandwiches as golfers make the turn.

Following the tournament at approximately 3:30 p.m. will be a cocktail party for all players and guests in

Suntree's spacious new clubhouse addition. The awards Banquet, also in the Dining Room will be from 4:30 to 6:30 p.m. First on the agenda will be a delicious barbecue buffet followed by an awards ceremony at which time the tournament results will be announced.

During the course of the banquet, over 100 prizes will be given out at random. Immediately following the dinner, tournament prizes and trophies will be awarded.

Special representatives from the P.G.A., U.S.G.A., and G.C.S.A.A. (President Mel Lucas) and a few unannounced celebrities will address the participants between ceremonies.

We attribute much of the Crowfoot's uniqueness and success to Suntree's membership. Last year 20 men and women volunteered their time to assist in scoring, marshalling, registration and other activities. Combined with the Crowfoot Committee, Suntree's excellent staff and our own association volunteers, the results are an efficient, professionally operated and extremely enjoyable golf tournament.

It would be inappropriate and too lengthy to describe what makes this tournament so unusual. You have to see and experience it for yourself. The one thing that does stand out is that for all participants there are no charges. With the past accomplishments and rising status, request for participation is immense. Because of this, each superintendent's chapter is limited to a certain amount of entries and a deadline date is set. This also puts a limit on our special invitations.

The first Crowfoot Open was held at Poinciana Golf and Racquet Club in 1977 and the second at Suntree Country Club in 1978. The Everglades Golf Course Superintendent Chapter won the first and second Crowfoot Opens by one stroke over the host, Central Florida Golf Course Superintendents Chapter.

In 1979 the Central Florida Chapter finally defeated the Everglades and five other chapters to capture the Crowfoot title. A capacity field (144) played golf while 215 attended the awards banquet.

AWARD CATEGORIES

Florida Golf Week Magazine sponsors all of the trophies awarded in the following categories:

1. Low gross superintendent chapter team - 1st place
2. Low calloway superintendent chapter team - 1st place
3. Low gross superintendent individual - 1st place
4. Low gross superintendent individual - 2nd place
5. Low gross commercial individual - 1st place
6. Low calloway commercial individual - 1st place
7. Low calloway superintendent - 1st place
8. Low sports-person - gross
9. Low sports-person - calloway

FOR YOU

For your support in making this tournament a success, you will receive the following benefits:

1. Your name, or company name, on our 10' x 30' sponsor board (the sponsor board from last year's event was featured in *South Florida Green and Golf Business Magazine*, a National Publication).

2. Sponsorship will be illustrated in *Golf Week Magazine* in the form of two stories and a full page ad for sponsors in the Golf Course Management Section.
3. A full story and advertisement will be covered comprehensively in the *Florida Green*, formerly the *South Florida Green*.
4. Additionally, we will run stories in the *Golf Course Management Magazine* and *Golf Business Magazine*.
5. Since sports-writers across the state will participate, they will include the sponsorship categories in their ensuing articles.
6. Because of the beauty and design of our sponsor board, which is very original, local T.V. has agreed to air segments of the golf tournament, it's activities and sponsor board.
7. Since every chapter in the state will be represented, including the national association, affiliation with this tournament will carry a positive referral to those who were unable to attend.
8. *Golf Business*, *Golf Course Management*, *The Florida Green* and *Golf Week Magazine* will include with their articles a picture of this year's sponsor board.



One of the many beautiful scenes at Suntree.

We will welcome your participation as a Diamond Sponsor (playing participation), or a Gold Sponsor (advertising participation only). These sponsorships include:

DIAMOND SPONSOR - \$300.00

1. On entry into the tournament (your request must be received by July 15th).
2. A personal invitation to the private cocktail party on Sunday night (to meet the members and staff of Suntree and representatives from U.S.G.A., P.G.A., G.C.S.A.A., and other sponsors).
3. Preferred advertising.

GOLD SPONSOR - \$200.00

1. Advertising in *Golf Business Magazine*, *The Florida Green* (formerly the *South Florida Green*), *Golf Course Management*, *Golf Week Magazine* and state wide newspapers.

Please make your check payable to the Crowfoot Open and remit to:

FLORIDA GOLF COURSE SUPERINTENDENTS ASSOCIATION
 Mr. Tim Hiers, President
 One Country Club Drive
 Melbourne, Florida 32935

Application deadline is July 15, 1980.

We are looking forward to your participation in the
 FOURTH ANNUAL CROWFOOT OPEN.

Sincerely,

David Miller
 Co-Chairman
 Territory Manager
 ESTECH CORP.

Sincerely,

Jim Ellison
 Co-Chairman
 Golf Course Superintendent
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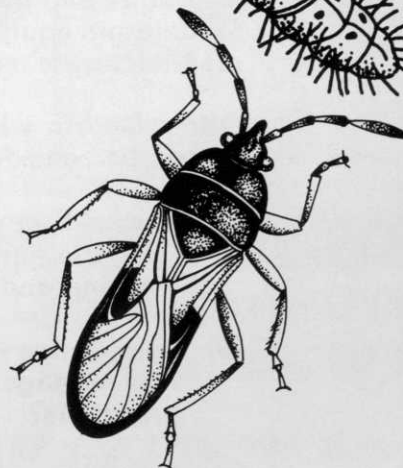
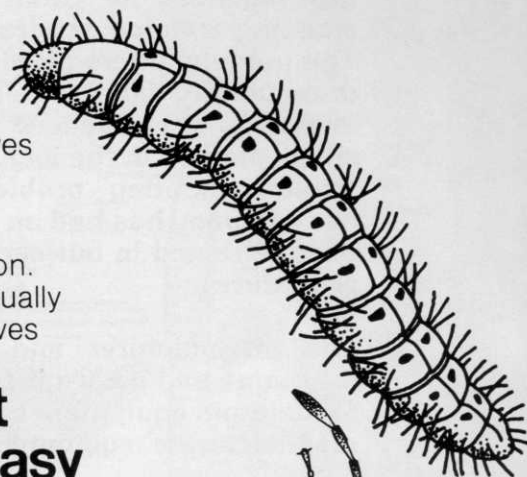
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Editorial Response



David DeBra

I agree that the shortage of qualified golf course mechanics has grown into a major problem and the problem can be solved. I disagree that Toro and Jacobsen have let the industry down in training mechanics.

The manufacturers and their distributors are well aware of the growing need for trained mechanics in the golf industry. Long standing training programs have been expanded and intensified. The manufacturers provide annually a series of training schools at their factory facilities. These schools start with the basics and increase to advanced courses. These factory schools are supplemented at the local level with yearly service schools covering "trouble shooting" problems and repairing equipment. In addition, our company has had an open invitation to customers wanting their people trained in our service department on specific equipment or procedures.

The manufacturer and distributor can improve their training programs and we want to improve, because the customers' ability to maintain equipment has a direct bearing on the reputation of the manufacturers' equipment and the industry's professional image.

Other factors which have contributed to this personnel problem should be considered and rectified.

- (a) Law of Supply and Demand —
Has the pay scale for golf course mechanics encouraged entering and remaining in the field?
- (b) Perspective —
Has management supported and encouraged available training programs?
- (c) Priorities —
Has management placed sufficient time and money in developing qualified mechanics?

David L. DeBra
Executive Vice President
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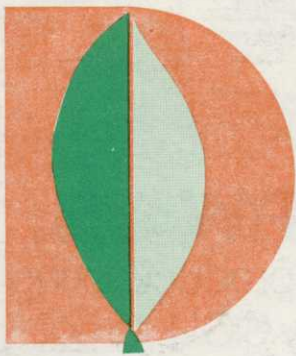
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