

# EcoSoil Systems

Course management products  
that meet the needs of Florida superintendents

## What's Right for Florida Golf Courses



**Environmentally Safe ♦ Effective ♦ Competitively Priced**

Research conducted by the GCSAA, released at the national conference in February, confirms our findings that golf course superintendents may confront a greater health risk than the general population at-large. Superintendents should not have to choose between maintaining the condition of their golf course or the long-term condition of their health. They should have both! That's why we have developed and now market a complete line of turf management products which improve growing conditions using "organic" or biologically-rich ingredients, rather than harsh salt-based synthetic ingredients.

Our liquid and granular soil amendments and fertilizers — used in conjunction with our state-of-the-art "spoonfeeding" delivery systems and analytical consulting services — substantially diminish the need for the use of pesticides, herbicides and fungicides. This is better for your golf course, your personnel and your golfing patrons. For more information on how you can put this bio-technology to work for your golf course, ask your Helena representative. Also ask for the names of fellow Florida superintendents who use our products and systems. They are our best salesmen.

### Our course management products include:

**Greens and Tees** a comprehensive turf management program which combines lab analysis and premium product formulation specific to your golf course

**NutriJect** an advanced fertigation system which allows complete automation and customization of liquid fertilizer and nutrient delivery

**BioJect** a patented, in-line microbial fermentation system which restores important biological activity to soil and substantially improves water percolation through the soil profile

**CleanRack** a complete equipment cleaning system that yields wastewater which is totally compliant with discharge standards

**ClearLake** a complete lake management system which incorporates aeration, movement, biological injection, thermal layer breakdown, regular equipment maintenance and consulting services

**BioSweep** a patented, non-mechanical device that instantly remediates soil which has come in contact with a petrochemical, pesticide or other toxic leak or spill

**EcoWash** a patented ball-washing device which eliminates the health, maintenance and odor problems associated with most golf ball cleaning equipment

**Restore** a patented liquid product that achieves better results than wetting agents without problematic salt buildup and side-effects which characterize those products

**RediSeed** Bentgrass seeds which have been pre-germinated through a patented process to sprout in a fraction of the time and pre-treated to resist common diseases

### For More Information about these products and services, please contact:

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**EcoSoil Systems**

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ENVIOTRON CLASSIC 27-HOLE SCRAMBLE ENTER  
ENVIOTRON CLASSIC HD/CP/SCRATCH ENTER



# Sandoz Poll: Pesticide users share the public's concern for safety

The second annual Sandoz National Environmental Poll surveyed more than 2,000 users of pest control products. Some of the positive findings include:

- Users of pesticides feel a sense of partnership with the public and share its concern for pesticide safety.
- They are taking personal responsibility for improvements, especially by using safer products and improving application practices.
- They also support tough regulations aimed at preventing pesticide misuse.

However, the results were far from a whitewash. The respondents were surprisingly candid about areas in which our industry can improve. They said misapplication occurs occasionally. They admit they don't always wear protective clothing or dispose of containers properly. They also believe there are areas needing more regulation.

According to the golf course superintendents surveyed, the most serious issues associated with the use of pest control

*More than three-fourths of the golf course superintendents surveyed said they are dealing with more public concern over pest control and the environment compared to five years ago.*

products are safety, environmental impact, proper application and public perception. Safety was the highest response at 33 percent.

More than three-fourths of the golf course superintendents surveyed said they are dealing with more public concern over pest control and the environment compared to five years ago. Almost 70 percent said education is the best way to reduce this concern.

Fifty-three percent said they have not heard any complaints relating to the use of pest control products from the public, their neighbors or customers. Of those who said they have heard complaints, smell/odor was the most frequently mentioned at 15 percent.

## Responsibility

Manufacturers, golf course superintendents and government were most frequently mentioned as those who have primary responsibility for correcting problems associated with pest control products. Manufacturers received the highest response at 31 percent.

About half of the golf course superintendents surveyed said their personal level of concern associated with pest control has increased over the past five years, and about half said their concern has stayed the same. Of those who said their concern has increased, they said it is primarily due to personal awareness, public awareness, environmental impact and more government regulations. Personal awareness was the highest response at 32 percent.

According to the following percentages of golf course superintendents surveyed, people in their industry always:

- Use safer pest control products when available 70 percent
- Wear protective clothing 65 percent
- Dispose of containers properly 78 percent
- Follow labels closely 93 percent
- Notify their neighbors when using

pest control products 25 percent

- Attend educational classes 59 percent

While 25 percent said their industry always notifies their neighbors when using pest control products, more than 60 percent said notification is important.

More than 65 percent of the respondents said they are making fewer applications of pest control products.

Almost 60 percent said they are familiar with integrated pest management. Of those, more than three-fourths said they have used such a program.

More than 60 percent said they are doing things differently regarding the use of pest control products compared to three years ago. The most frequently mentioned responses as to what changes are being made were using safer products, using less product and improving application methods. The highest response was using safer products at 37 percent.

The most frequently mentioned reasons as to why changes are being made were:

- Public opinion Safety issues
- New products available
- Personal sense of responsibility

More than 20 percent of the golf course superintendents surveyed said they do not plan to make changes in their use of pest control products in the future. However, those planning to make changes most frequently mentioned encountering more regulations, using safer products, using less product and adopting integrated pest management as changes they expect to make.

More than 50 percent of the respondents said golf course pesticide products are never knowingly applied improperly, and only four percent said misapplication occurs frequently.

Almost 75 percent said the enforcement of penalties for misapplying pest control products is adequate. Mandatory

*Continued on page 18*

# YEARS OF UNIVERSITY TESTS SHOW CYPRESS POA TRIVIALIS AS THE SUPERIOR CHOICE FOR OVERSEEDING!

Since 1991, Cypress Poa trivialis has had a proven record in university trials for being better and different than comparable varieties. Differences such as a darker genetic color, faster establishing rate, and better disease resistance.

Instead of taking our word for it, here is what the experts have to say...



Cypress' prostrate growth habit is apparent in these P.V.P. trials. One picture is worth 1000 words.

TMI will be happy to send to you copies of the complete trial data for any of the trials we have mentioned below.

University of Florida 1991-92 Overseeding Trials Gainesville, Fla.		
	Mean Quality	
	Scores	Color
Cypress	7.2	7.8
Sabre	7.2	5.4

University of Arizona 1992-93 Overseeding Trials		
	Mean Quality	
	Scores	Color
Cypress	5.4	5.3
Laser	5.0	5.0

USGA Stimpmeter tests at University of Arizona revealed a higher average ball speed of 92 inches for Cypress; better than for Laser.

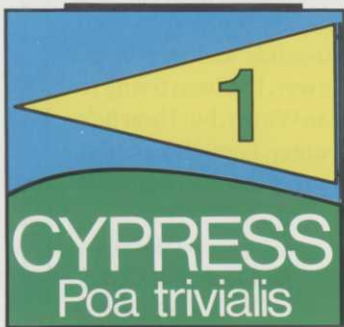
*"Although Cypress and Sabre Rough Bluegrass had equal seasonal Turf Quality Ratings of 7.2, the "Cypress" cultivar had better color and less dollarspot disease in May."*  
Univ. of Florida Gainesville 1991-1992 overseed Trial.

Monthly and seasonal mean values for turf quality on cool-season grasses overseeded on a 'Tifdwarf' bermudagrass putting green from Dec. 1993 to Mar. 1994 at Gainesville, Fl.						
Turfgrass	Dec.	Jan.	Quality			Mean
			Feb.	Mar.	Rating	
Cypress	6.8	8.2	8.0	6.8	7.25a	
Loft	7.1	8.2	7.8	8.5	7.19a	
PT-GH-92	6.3	7.8	8.0	7.1	7.19a	
LPT-CT (Loft)	6.6	7.8	8.0	6.8	7.16a	
PT-GH-89 C11 (Dark Horse)	8.1	7.3	7.8	7.0	6.97a	
Danish Common	7.5	8.2	7.5	5.8	6.94a	
LPT-HWY (Loft)	6.6	7.7	7.9	8.2	6.88a	
Winterplay	6.6	7.5	7.8	6.3	6.88a	

Quality mean based on eight visual ratings on a scale of 1-9 where 9 = best

Establishment rate of Poa trivialis varieties overseeded on dormant bermudagrass in Florida (data from Dr. A.E. Dudeck, Univ. of Florida)			
days:	7	14	21
	—% ground cover—		
<b>1991</b>			
Cypress	2	23	79
Sabre	2	17	70
<b>1992</b>			
Cypress	87	93	86
Laser	36	58	83

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## FAST-PUTTING, LOW-MOWING, GOOD LOOKING CERTIFIED CYPRESS!

# To all, a fond farewell...

Two years ago, with a strong sense of apprehension, I accepted the position as editor of the Florida Green. I saw a void which needed to be filled and made a commitment to the association and to myself to do my best in helping out. I knew there were big shoes to fill and a proud tradition to uphold.

I also knew that I by myself could not make the Florida Green successful. I knew the key to success was held in the hand of the rank-and-file membership. Its success came. It came primarily not from my efforts but the efforts of hundreds of caring members... members who would write columns for the magazine... who would send in photos for the articles... who would talk to other members and encourage them to take part in making their magazine the envy of other industry publications.

And it worked. You, the members, have molded, shaped and cultured the finest turf maintenance magazine avail-

able. It is a publication which we can proudly show to our club officials and owners. It is an avenue to learn the best ideas from the brightest superintendents in the business. It has character, color and occasional wit and it is all because you care so much.

As for me, I have simply been a caretaker of the Green. I have had the privilege to be associated with such a fine and prestigious publication. And I have grown quite fond of being the editor. But, alas, all things must come to an end. After this issue, I will no longer be the editor of the Green. I have enjoyed it immensely and publicly thank you for allowing me this opportunity to serve my association and my friends. Hopefully if the Lord permits I may one day again be able to be of assistance.

A special thanks goes to Marie Roberts whose patience, understanding and efforts have also played a big part in the success of the Green. The new editor of

the Green is an old friend answering the call to duty. Joel Jackson will take this magazine to new heights if you give him the same support you have given to me... his vision and leadership will be a fresh viewpoint that will guide the direction of the Green.

The changing of the guard will serve as a reminder to all of us that no one is indispensable. As Napoleon said, "The graveyards are full of indispensable people."

Time marches forward. Only the romantic and naive are afforded the luxury of reminiscing on the past.

Finally, let me say I have enjoyed your help, your friendship and your fellowship. I hope in some small way I may have added a little humor, hope or wit when it was needed. Until we meet again, may God bless and keep you safe.

TJB

# Would a rose by any other name...?

Dear Joel:

It's not nice to fool with Mother Nature.... Your most recent treatise is a sample of Florida reality but contains one slight inaccuracy that we should have clarified with a Milorganite plant tour when you were up at our Wisconsin Turfgrass Symposium several years ago.

You state you were in deep Milorganite. Most of the world laughs at the mention of our product because we have not done a good job of informing people what our product is really made of and from.

The usual perception of our product is Milorganite is, uh, well, do-do, stuff, kaka; but it is not. Milorganite is produced in a process where the naturally occurring, microscopic bacteria, unicellular animals, plants, and the free-swimming ciliates that consume the food sources that come to us in the waste water, are dried and form our fertilizer. It is these bio-solids that are the

*Now, if you want to be in deep Milorganite, we've got some real nice distributors who'd be more than pleased to take your request.*

true source of Milorganite.

Now, if you want to be in deep Milorganite, we've got some real nice distributors who'd be more than pleased to take your request.

You're always welcome to come up here at any time of year and interview a perma-

nent Wisconsin resident, Old Man Winter...

Please feel free to call if I can assist.

Sincerely yours,

**Terry W. Ward**

**Sales Manager, Milorganite**

Dear Terry,

No aspersions were intended toward such a venerable and respected product like Milorganite. Say Milorganite and the world laughs with you. Say bio-solids and you laugh alone! By the way, I've been trying to reach Old Man Winter, but I hear he's out of the country. Something about a lot of bad press in Wisconsin this spring!

Sincerely,

**Joel Jackson, CGCS**

**Asst. Editor**

# Our commitment to your success continues with TURFGO® products.



As part of our continuing commitment to turf care professionals, United Horticultural Supply proudly features our own TURFGO® line of fertilizers, chemicals and turf seed.

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Also, TURFGO® Dursban 2CG's active ingredient forms a vapor in the turf's micro-climate, providing control even where sprays can't reach.

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\* Dursban is a registered trademark of DowElanco



## 120 attend seminar on environmental leadership

On Friday, May 13, at the Naples Beach Club, about 120 golf course superintendents and other concerned professionals attended a seminar led by Dr. Michael Coffman.

The focus of the seminar centered around the elite leadership in the environmental movement. This leadership probably comprises less than five percent of those people involved in environmental activism.

Dr. Coffman exposed the political

and quasi-religious agenda behind this small but powerful group. They have been very effective in promoting legislation that has had significant impact on our lives, the economy, and amazingly, even to the detriment of the environment, without having to demonstrate any peer-reviewed scientific evidence or proof.

To counteract the emotionalism, extremism, and fanaticism (that incidentally provides good material for the me-

dia), we must fight this battle on a grass roots and local basis. It must be done using the truth, solid scientific evidence and an ongoing commitment to environmental sensitivity and public education relating to our own operations.

If you're concerned about your profession, free enterprise, private property and government growing out of control, please call 207-945-9878 to obtain a copy of Dr. Coffman's book, *Saviors of the Earth?*

## Poa Weekend a professional, social success

*Continued from page 10*

ber of the Ridge Chapter, showed any mercy on the field.

A net 69 on a tough day is a score to be proud of so you can imagine how happy David Oliver of the Treasure Coast Chapter was with his gross 69 good for a four-shot victory over Mark Hopkins. It was Oliver's third victory in

the past four Poa Annuas. Dick Harrell won the Suppliers Division with a solid, even-par 72 followed by Gary Whilhelm. A cookout lunch followed the tournament as wives and children congratulated or consoled their favorite linksters.

It almost seems unrealistic to have so much fun and still make money. Over \$10,000 was raised this year for the turfgrass industry.

Of course, a get together like this takes a lot of hard work and great sponsors. The Naples Beach Club and Dick Naccarato were fabulous as always. The sponsors all deserve our respect, our thanks and our business. On behalf of the Everglades board of directors, it was simply a labor of love for our proud Poa Annua tradition.

## Poll: 87% say current safeguards adequate

*Continued from page 14*

education and certification for users, easier-to-understand labels and pesticides prescribed and applied only by licensed applicators were the most frequently mentioned solutions for preventing misapplication of pest control products.

Almost 50 percent said there is an area

regarding the use of pest control products that should be regulated more to prevent practices that are unsafe or risky. Application methods and homeowner use of pest control products were the most frequently mentioned areas needing to be regulated more.

More than 87 percent said they agree the safeguards already in place are suffi-

cient to ensure safety to the environment, the public, animals or wildlife and actual users of pest control products.

At 41 percent, wearing protective clothing was the most frequently mentioned pest control regulation/practice that contributes the most to the safe use of pest control products. Record keeping also was mentioned frequently.

## Benefield: Are you willing to pay for the real McCoy?

*Continued from Page 8*

horror stories from you the superintendent that this work is being done.

And it is up to you the superintendent to assure that the program succeeds. If you don't insist on "certified" sod and sprigs when you rebuild or re-grass your course,

the program is doomed. If you go to non-certified producers because of their lower price you deserve what you get as far as the grass quality goes.

The larger injustice however will be that you will have let down your profession.

You have an obligation to support those programs endorsed by the professional association you belong to which are progressive and of merit. This is one of those programs. It needs your support and help. Don't be penny wise and pound foolish.





The Treasure Coast Wildlife Hospital received more than \$9,000 from the Treasure Coast GCSA as proceeds from its inaugural Blue Pearl tournament at Loblolly Pines Golf Club in Hobe Sound. From left are John Sullivan, owner of Loblolly Pine GC, David Hitzig of the Treasure Coast Wildlife Hospital, and Tim Cann, TCGCSA president.

## Treasure Coast's 'Blue Pearl' event attracts 150 community leaders, raises \$9,000 for wildlife hospital

The inaugural Treasure Coast Golf Course Superintendents Association "Blue Pearl" golf tournament was a huge success. Over 150 people participated in the event.

The majority of the participants were from outside of the golf industry with bankers, lawyers and local business owners quickly buying up most of the available player slots. These folks were also instrumental in providing door prizes and tee sponsorships.

The tournament was held at the environmentally sensitive and prestigious Loblolly Pines Golf Club in Hobe Sound.

Golf course owner John Sullivan played an important role in the success of the tournament by donating the use of

his club's facilities.

Named the "Blue Pearl" by the tournament committee, the tournament is meant to be a fundraising avenue for the environment we all live in on this planet which looks like a blue pearl from outer space. The beneficiaries will be local charitable organizations who share common goals with golf courses.

The first event raised and donated over \$9,000 to the Treasure Coast Wildlife Hospital. TCWH is a non-profit organization which receives and treats wounds of endangered wildlife that have been injured. The major goal of TCWH is to release the wildlife when they are healthy enough to go back into the wilderness.

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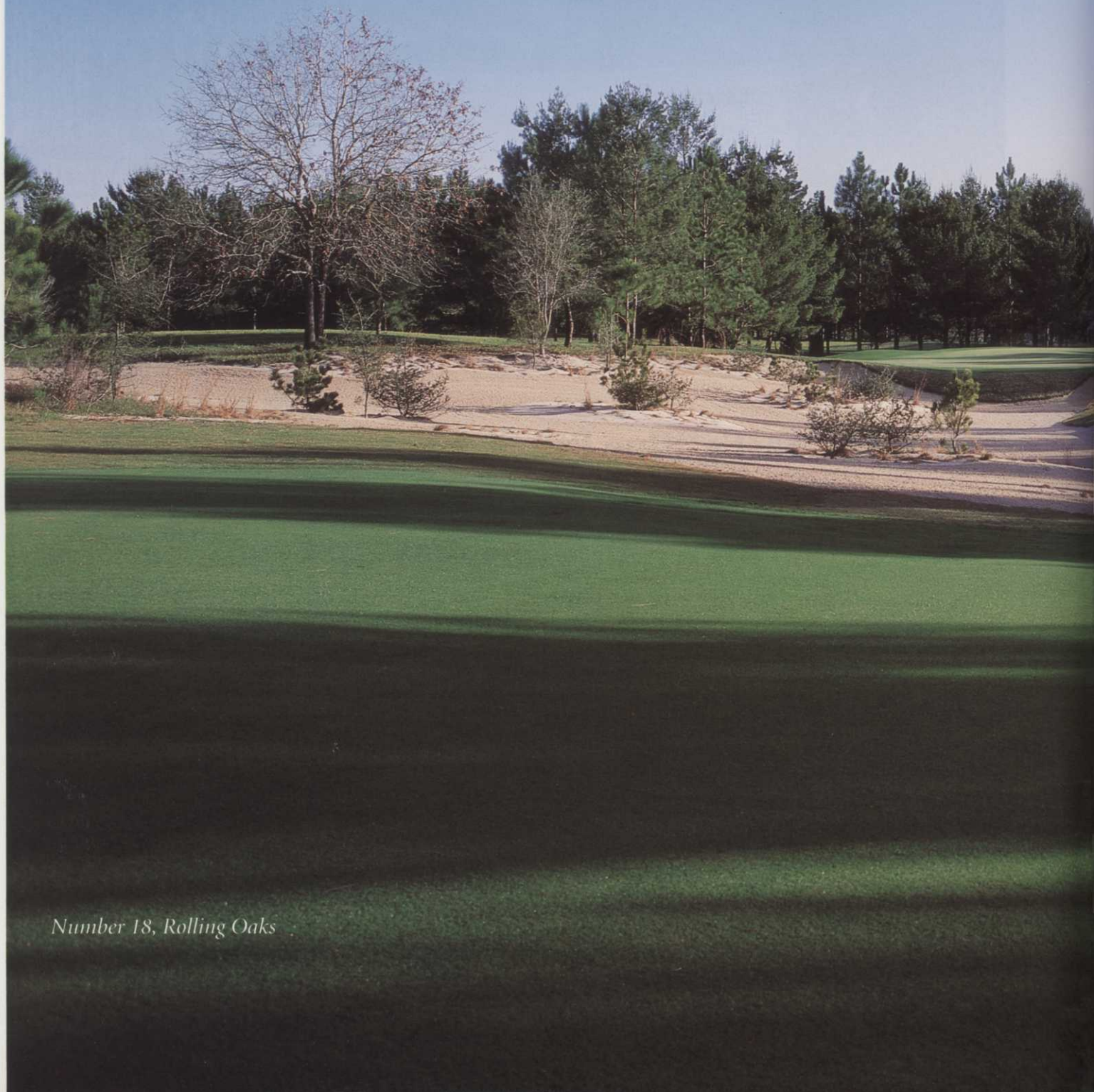
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