

Products you can Depend on from Pe



*The grass is always greener
on our side of the fence.*

You can tell the difference between a golf course using Rain Bird products and one using another brand. That's the reason that so many golf courses are switching to Rain Bird. Rain Bird is the leader in all categories of golf irrigation products: the **MAXI** family of software is the standard of the industry for computerized central control.

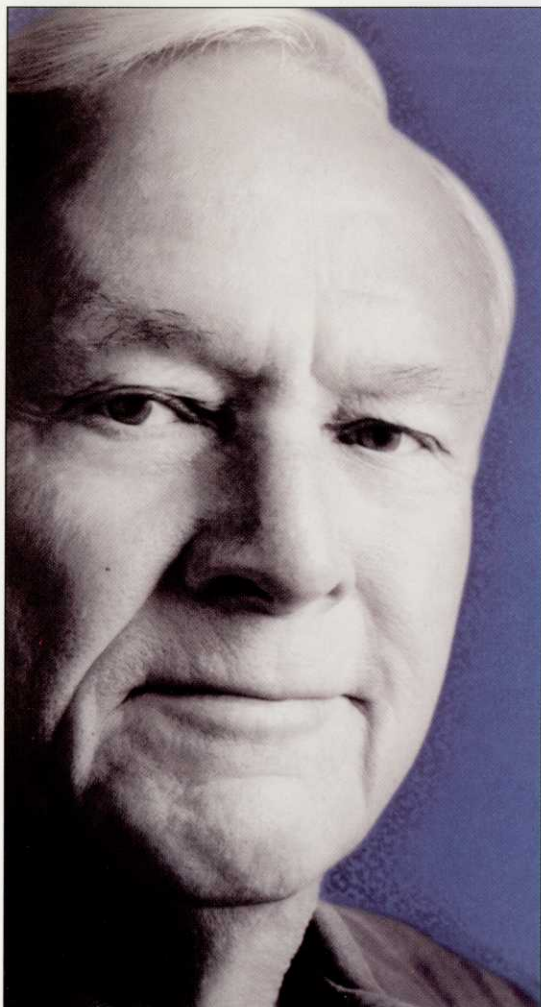
EAGLE Rotors have taken the industry by storm as the only closed case, top serviceable rotor on the market. **PAR**

and **MSC** field controllers are full featured and durable. All are available in hard-wire or wire-less control and electric and hydraulic. And, when you use Rain Bird products, you get the **Quality, Value** and **Service** provided by our staff of experienced professionals.



RAIN BIRD.
GOLF IRRIGATION

n,
ople you can *Trust*.



*The pros use our
irons around
their greens.*

When you're looking at the competition, it can appear to be a crowded field. But not all are the same. It's the same with **Textron**. Textron is the largest manufacturer of turf care products in the world, and Kilpatrick Turf Equipment has the most extensive product line of turf care products in the world. Our



Jacobsen and **Ransomes** mowers provide the highest quality of cut and most dependable operation. Our **Ryan** line of aerators and sod cutters provide you with high quality specialty products. Our **Cushman** utility vehicles are the

standard of the industry for dependability, ruggedness and comfort. We have the most comprehensive line of turf care products, parts and services in the world. And when you use Textron products, you get the **Quality, Value & Service** provided by our staff of experienced professionals.



TEXTRON
TURF CARE AND SPECIALTY PRODUCTS

A Family of companies, Providing you with. . .

Quality

We have the leading brands of products for your entire irrigation product and turf care equipment needs. And we have the most extensive inventory of products and parts to meet your needs.

Value

We offer real, added value because included in our everyday low price is the product support by our staff of experienced professionals, who are specialists in providing you with solutions to help fill your product needs.

Service

We provide the highest level of customer service and have high standards for all of our products. Both our irrigation and equipment Service Departments have factory trained and authorized technicians in our Service Centers and in the field who will provide you with the service you need.

These are the values that guide all of the work we do for you. When you need to upgrade your irrigation system or need turf care equipment, call the experienced professionals at The Kilpatrick Companies. They can help keep your grass out of trouble.



The Kilpatrick Companies



Boynton Pump & Irrigation Supply KISCO Pifer Kilpatrick Turf Equipment

800-782-7399 www.kilpatrickco.com



Officers

President Cary Lewis, CGCS
Renaissance Vinoy Resort
600 Snell Isle Blvd
St. Petersburg, FL 33704
(727) 894-5500

Vice President Geoff Coggan, CGCS
The Great Outdoors Resort
135 Plantation Drive
Titusville, FL 32780
(321) 269-5004

Secretary/Treasurer David Court
Boca Lago Country Club
8665 Juego Way
Boca Raton, FL 33433
(561) 482-5017

Past President Darren Davis
Olde Florida Golf Club
9393 Vanderbilt Beach Rd.
Naples, FL 34120
(941) 353-4441

Directors

Calusa Mike Mongoven, CGCS
Ft. Myers CC
(941) 278-7261

Central Florida Brett Harris
Lake Nona CC
(407) 826-5362

Coastal Plains Doug Abbuhl
Seminole GC
(850) 576-7975

Everglades Rick Tatum
Shadow Wood CC
(941) 992-2262

North Florida Andy Maguire
Marsh Creek CC
(904) 471-5212

Palm Beach Randy Bushway
Boca Del Mar GC
(561) 392-7991

Ridge Steve Ciardullo
Mountain Lake GC
(863) 678-0924

Seven Rivers Buddy Keene
Gainesville G&CC
(352) 376-8174

South Florida James Goins
Hollybrook G&TC
(305) 433-1725

Sun Coast John Van Vranken
River Wilderness Y&CC
(941) 776-2364

Treasure Coast Greg Phenegeer
John's Island Club
(561) 231-1700

West Coast Eric Jay
Wentworth GC
(727) 938-6435

Staff

Association Manager Marie Roberts
1760 NW Pine Lake Dr.
Stuart, FL 34994
Phone: Days (561) 692-9349
(800) 732-6053 (Florida WATS)
(561) 692-9654 (Fax)
fgcsa@tcol.net (Email)



Sunrise at Interlachen
Photo by Stuart Leventhal, CGCS

CONTENTS

**SUMMER
2000**

FOREWORDS THE YEAR IN REVIEW 6
President Darren Davis hails the FGCSA's solid achievements during the past year and urges all to pay close attention to the GCSAA's Professional Development Initiative.

SPOTLIGHT HONORS AND FUNDRAISERS 10
Fred Klauk named GOLFWEEK's Father of the Year, two Florida students win GCSAA Legacy awards, and research fund-raisers set records.

COVER STORY SANCTUARY IN THE CITY 20
Interlachen Country Club in Winter Park, once a 300-acre spawning ground of annual muck fires, is now a certified wildlife sanctuary.

PROFESSIONAL DEVELOPMENT COMPETENCY-BASED EDUCATION 36
The goal is not to make life more difficult for members, but to create meaningful learning experiences that will enhance a superintendent's ability to be successful.

HANDS ON DON'T BUG ME 44
Just when we get the turfgrass lush and healthy, the bugs move in for a feast. They can turn a velvety-smooth putting green into a ragged, pock-marked embarrassment.

INDUSTRY NEWS PASSING THE BATON 56
Dr. John Cisar, coordinator of the UF/IFAS turfgrass program for the past two years, has passed the baton to a new Turfgrass Working Group chaired by Dr. Bryan Unruh.

OFFICIAL BUSINESS LICENSE TO DRIVE 64
Superintendents should make sure they have the correct license to drive that pickup truck that they also use on the job. They may be in for a surprise.

STEWARDSHIP AUDUBON SANCTUARY PROGRAM 66
Legacy Club at Alaqua Lakes in Longwood has adopted the Audubon Cooperative Sanctuary Program for Schools at Heathrow Elementary School.

TURF RESEARCH FTGA ANNOUNCES \$97,000 FOR TURF RESEARCH 68
The FTGA has funded nine projects, some of them multi-year projects, in addition to funds raised to support the Envirotron and a project funded by Florida sod growers.

SUPERINTENDENTS JOURNAL HOW! YMCA PROGRAM FOR FATHERS 70
The YMCA Indian Guides/Princess program is designed to help fathers spend quality bonding time with their children.

AFTERWORDS PETER HUBER, MARK JARRELL, JOEL JACKSON 74

About the use of trade names: The use of trade names in this magazine is solely for the purpose of providing specific information and does not imply endorsement of the products named nor discrimination against similar unnamed products. It is the responsibility of the user to determine that product use is consistent with the directions on the label.

The Florida Green

Official Voice of the Florida Golf Course Superintendents Association

Published four times a year:

On the twenty-fifth of January, April, July and October

Editor Joel Jackson, CGCS

FGCSA Director of Communications
Address Florida Green business to:
6780 Tamarind Circle
Orlando, FL 32819
(407) 248-1971 Florida Green voice/fax
E-mail address: FLGrn@aol.com

Assistant Editor Scott Bell

Red Stick GC
P.O. Box 700107
Wabasso, FL 32970
(561) 564-7206
(561) 564-7207 Fax

Publications Chairman Cary Lewis, CGCS

Renaissance Vinoy Resort
600 Snell Isle Blvd
St. Petersburg, FL 33704
(813) 894-5500
(727) 823-6397 Fax
Email: CLEWIS7711@juno.com

Business Manager Michael Perham, CGCS

Fountains Golf Club
4615 E. Fountains Drive
Lake Worth, FL 33467
(561) 642-2724
(561) 642-5785 Fax

Editor Emeritus Dan Jones, CGCS

West Palm Beach

COPYRIGHT NOTICE: Copyright 2000, Florida Golf Course Superintendents Association. All rights reserved. May not be reproduced in whole or in part without written permission of the FGCSA. **EXCEPTION:** Official publications of all golf course superintendent associations affiliated with the Golf Course Superintendents Association of America are welcome to use any material contained herein provided they give credit and copyright notice.

SUBSCRIPTIONS: \$20 for four issues. Contact the FGCSA office.

ADVERTISING: For rates and information, contact the FGCSA office at 800-732-6053

EDITORIAL: All inquiries should be directed to the editor, Joel Jackson, CGCS. Unsolicited manuscripts and photographs cannot be returned.

Contributors to this issue

Cover Story Principal Photographer: Daniel Zelazek

Cover Story Writer and Supplemental Photographer: Joel Jackson, CGCS

Spotlight: Marie Roberts; Joel Jackson, CGCS, coordinator

Hands On: Peter Blum; Ken Brooks; Dr. Pat Cobb; Billy Davidson; Darren Davis; Joel Jackson, CGCS, coordinator

Official Business: Craig Weyandt

Stewardship: John Kopack; Audubon International

Superintendent Journal: Bob Klitz, CGCS

Afterwords: Mark Jarrell, CGCS; Joel Jackson, CGCS;

Proofreader: Scott Bell

Production

The Florida Green is published with the assistance of Janlark Communications, Inc.

Publication Manager Larry Kieffer

311 Havendale Blvd. #300 • P.O. Box 336 • Auburndale, FL 33823
863-967-1385 • Fax 419-821-8746 • E-mail: janlarkcom@aol.com

Advertiser Index

| | | | |
|------------------------------------|-----------------|-----------------------------------|----------------|
| Aerification Plus | 71 | North Georgia Turf | 71 |
| Almar Turf | 38 | Novartis | 68 |
| Ameraturf | 75 | Nucrane Corp | Back Cover |
| American Cyanamid | 23,47 | Nutri-Turf Inc | 45 |
| Aquatrols | 7 | Pike Creek Turf Farms | 57 |
| Aventis Environmental Science ... | 9 | Regal Chemical Co. | 39 |
| Century Rain Aid | 51 | Safety Storage | 59 |
| Chemical Containers | 75 | Seven Rivers GCSA | 15 |
| Ducor International | 33 | Smithco | 33,34 |
| ER Jahna Industries | 27 | South Florida Grassing | 31 |
| Everglades GCSA | 17 | South Florida Turf Products | 38 |
| Floratine Products Group | 42 | Southern Golf Products | 73 |
| Florida Silica Sand | 16 | Southern States | 60 |
| Florida Turfgrass Association | 11 | Spread-Rite | 33 |
| Golf Agronomics Supply | 29 | Textron Turf & Specialty Prod .. | 65 |
| Green-Way | 40 | Tifton Physical Lab | 76 |
| Harrell's | 19 | Turf Merchants | Ins Back Cover |
| Howard Fertilizer | 43,63 | Tom Burrows Turfgrass Service | 79 |
| Howard Fertilizer | 63 | Toro Dealers of Florida | Insert |
| International Seeds | 55 | Tresca Industries | 65 |
| Kilpatrick Turf | Inside cover, 1 | United Horticultural Supply | 37 |
| Laserturf | 79 | Valent USA | 53 |
| Lesco | 69 | Van Waters & Rogers | 8 |
| Milorganite | 61 | Zeneca | 4,49,67 |

Advertising Information

The Florida Green welcomes advertising inquiries to:

Marie Roberts, Association Manager

1760 NW Pine Lake Drive

Stuart, FL 34994

561-692-9349

800-732-6053 Florida WATS

There's No Mistaking an Original.



The Two Top Selling Fungicides in Golf,
HERITAGE[®] and DACONIL[®]

www.zenecaprofprod.com

ZENECA Professional Products

Always read and follow label directions carefully.

DACONIL[®] and HERITAGE[®] are registered trademarks of a Zeneca company.

© 2000 Zeneca Ag Products Inc. Zeneca Professional Products is a business of Zeneca Ag Products Inc.

ZPP-TRF-017

Providing superintendents
with more than 30 years of
outstanding performance.

The only systemic
strobilurin fungicide.



Hey, why not? *Sports Illustrated* and *People Magazine* do it, so why not the *Florida Green*? This past year has been a very productive one for the FGCSA and I thought for my last Presidents Message I would highlight some of our accomplishments.

Foremost, I would like to thank the FGCSA board of directors, committee chairs, and our staff for all of the hard work this past year. Marie Roberts, who has been with our association for 15 years, continues to provide the FGCSA leadership

with operational guidance and continuity. She is definitely responsible for keeping things running smoothly. Also on staff for his second year, is Joel Jackson, CGCS. Joel has served on the *Florida Green* since 1990 and was hired by your FGCSA Board last year to serve as the FGCSA director of communications in addition to continuing to serve as the editor of our award-winning magazine. Joel has provided the FGCSA with representation

and communications in government relations, media relations and allied association affairs. Thank you Joel and Marie.

The Florida Green: Once again, for the ninth year our magazine, *The Florida Green* was awarded the Best Overall in Category by the Golf Course Superintendents Association at the Conference in Show in New Orleans.

The 1999 FTGA Conference and Show: The Florida Turfgrass Association, in an attempt to involve the University that is supported by the FTGA fund-raising efforts, moved the annual conference and show to Gainesville. The show was a success in many ways with the only negative being the poor attendance by golf course superintendents and others in the turfgrass industry. The 2000 FTGA Conference and Show will once again be held in Gainesville Aug. 14-16 and I am SURE that I will see each an every on of you there. Right?

University of Florida/IFAS: This past year we have seen a strong effort by the University of Florida, under the leadership of Dr. Mike Martin,

VP of IFAS, to strengthen its bonds with the industry and provide more necessary research, better organization and communications.

Research: At the 1999 FTGA Conference and Show in Gainesville, the FGCSA presented a check to the FTGA for the Research Fund for \$25,000 to help support research at the University of Florida. The funds were a combined effort among the local FGCSA affiliated chapters.

In addition to the \$25,000 donation to the FTGA, the GCSAA was presented with the third of five annual \$5,000 donations (\$25,000 pledge) to support the GCSAA "Investing in the Beauty of Golf" campaign. The campaign is raising funds that will support applied research on golf courses. The FGCSA also continued its charter membership in GCSAA Foundation's Platinum Tee Club (\$5,000) which also goes for scholarships and research.

These donations were above and beyond the funds generated to support the FGCSA's Otto Schmeisser Research Green in Ft. Lauderdale where the FGCSA has a paid employee who assists the UF faculty in maintaining real world conditions on the green. The South Florida GCSA lead this effort with its annual Turf Expo, raising \$26,000 to help pay for the on-site technician.

Meanwhile, the Seven Rivers Envirotron Classic raised \$50,000 which went into a FTRF restricted account which supports equipment and research at the University of Florida's Envirotron Research Laboratory.

Awards: The winner of the 1999 FGCSA Distinguished Service award were Dale Kuehner, CGCS at Colony West Country Club. This yearly award was established in 1985 and is presented to a golf course superintendent who has given his time unselfishly in promoting golf course management and unification of the FGCSA. Dale is most definitely a very deserving recipient! The 1999 recipients of the FGCSA Presidents Award for Lifetime Service were Paul Hickman, David Holler, Steve Pearson, Al Ross and Dale Walters. Congratulations guys!

1999 was also a great year for Florida golf course superintendents to receive national recognition. Gary Grigg, MG, CGCS was awarded the 2000 GCSAA Distinguished Service Award

The Year in Review



Darren Davis
President
FGCSA

WE'VE TAKEN THE MESS OUT OF ACTIVATED CHARCOAL APPLICATIONS...



*Can be applied through
your spreaders or sprayers*

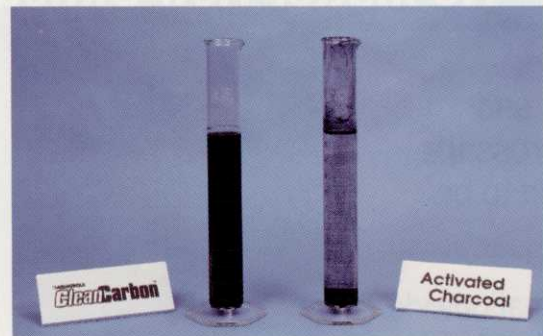
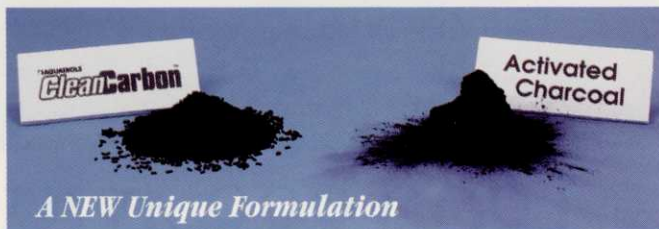
and replaced it with FLEXIBILITY.

Explore Your Options With

■ AQUATROLS

CleanCarbon™

- Overseeding after herbicide application
- Emergency deactivation of spills or misapplications
- Protection from herbicide applications
- Tank cleaning
- Deactivation of chemical residues on greens, surrounds, and tees



Excellent Suspension Characteristics

For more information call
1-800-257-7797

■ AQUATROLS

Formulating For Effectiveness

5 North Olney Ave.
Cherry Hill, NJ 08003 USA
1-609-751-0309 • 1-800-257-7797
FAX: 1-609-751-3859



during the Opening Session of the GCSAA Conference and Show in New Orleans. Also at the GCSAA show, Mike Blanchard, CGCS at Tampa Palms Golf and Country Club was presented with the GCSAA Leo Feser Award for the best article by a superintendent in *Golf Course Management* magazine.

Allied Associations: Mark Jarrell, CGCS at Palm Beach National GC, past president of the FGCSA, has served as president this year for the FTGA. Through Mark's efforts, and the whole FTGA board the relationship between the FGCSA and FTGA is at an

all-time high. Mark has done a tremendous job of keeping the communication channels open with the FGCSA and at the same time enhancing the FTGA's role as an all-encompassing turfgrass association. I hope that each of you has read his editorials in the *Florida Green* and the FTGA's *Florida Turf Digest* and will help us to unite as one strong organization of turfgrass professionals.

The biggest topic of discussion involving GCSAA this year has been the Professional Development Initiative (PDI). FGCSA's Dale Kuehner and Bob

Randquist have served on the Membership Standards Resource Group that has helped develop the program. If you are not aware of the PDI, you should be! No ifs ands or buts, this initiative has the potential to reshape how we are perceived in the industry and you need not only to be aware of the details but to provide input.

Government Relations: It has been a very busy year with regulatory issues. Chemicals such as Dursban, Orthene and Namacur have come under attack due to the Food Quality Protect Act. Unless you have been hiding under a rock you

should be aware of this issue and I hope that you have taken notice and acted when requested to do so. This issue and others threaten our ability to perform our job and it is up to every golf course superintendent to get involved. Please do not rely on others to always carry the load. Thank you for those who have taken the initiative and gotten involved in letter writing campaigns or making phone calls.

Thank you to each and every one of you who have helped make 1999 a banner year for the FGCSA. See you soon.

VW&R Will Be There with The Supplies and Expertise You Need— No Matter How Difficult Your Growing Conditions!

- Chemicals and fertilizers across the Sunbelt—Soon to be nationwide.
- Building a nationwide team of turf professionals who understand your needs.
- VW&R is the most efficient distribution company in North America.
- Over 65 U.S. locations.

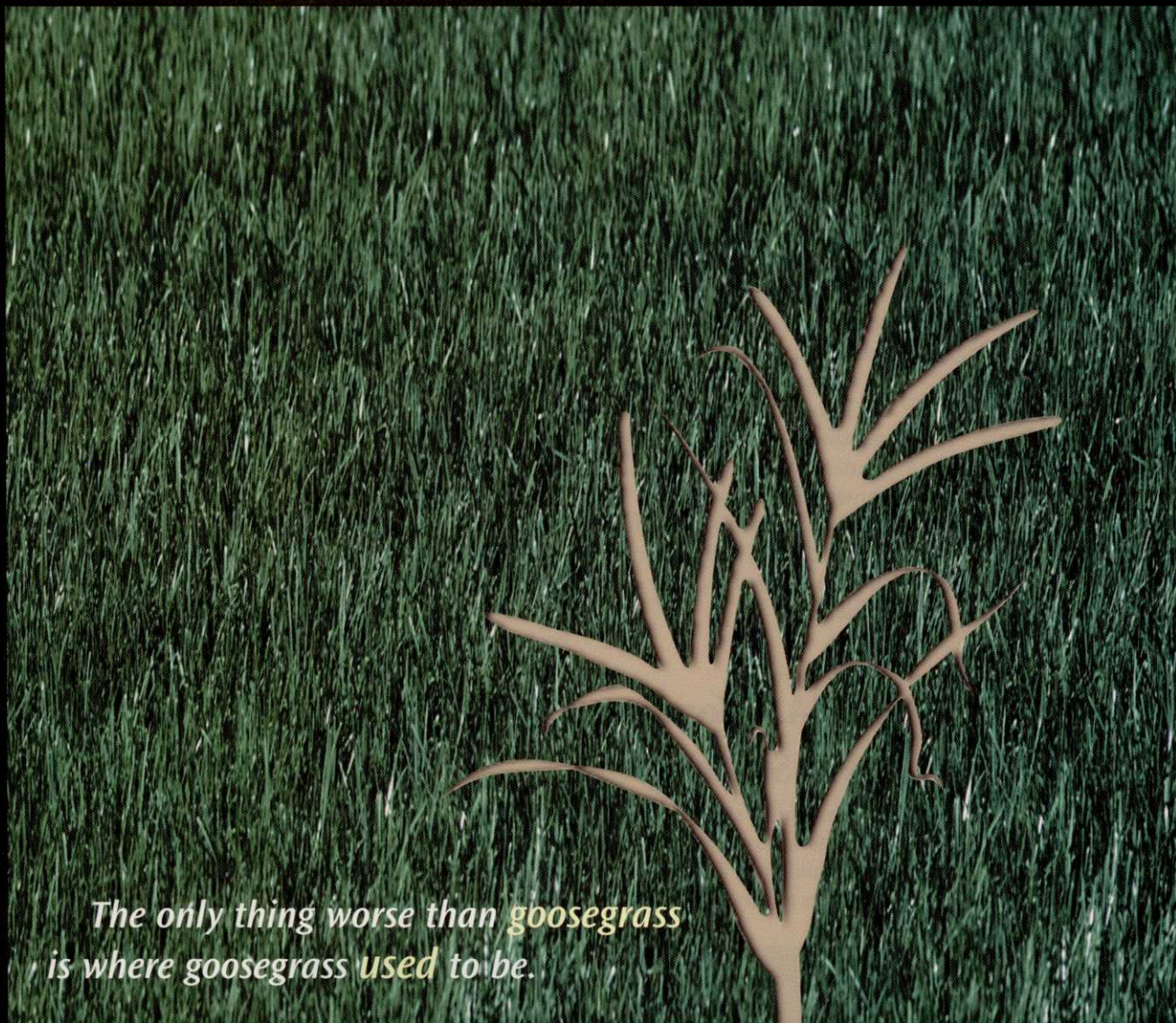


VW&R Van Waters & Rogers Inc.
A ROYAL VOPAK COMPANY

Call Your Local
VW&R Office at...

1-800-888-4VWR

We understand that failure is not an option for our customers



*The only thing worse than **goosegrass**
is where **goosegrass used to be.***

Fix 'em both with Illoxan®. Unlike old fashioned herbicides, which killed goosegrass but left ugly brown patches in their wake, Illoxan is smarter. It gives you fast, reliable goosegrass control, from one-leaf to one-tiller stages, all throughout the season on established turf. It's also gentle on bermudagrass. Yet no matter how hot and damp conditions get, you won't get ugly brown patches. No sir. And once Illoxan has dried, it won't be affected by rainfall or irrigation: a big advantage in certain parts of the South. Got goosegrass? Get Illoxan. The only thing it leaves behind is a smile.

Illoxan®
HERBICIDE



Fred Klauk

GOLFWEK FATHER OF THE YEAR

TPC Super is Golfweek's 'Super' Dad

Fred Klauk, veteran superintendent of the Tournament Players Club in Ponte Vedra Beach has been named "Father of the Year" by *Golfweek* magazine. Klauk will be honored during Golfweek's 18th Annual Father & Son Open at the Grand Cypress Resort, June 16-18 in Orlando.

The June 3 issue of *Golfweek* said Klauk's selection was based in part on his prominence and leadership in a profession that manages golf's most valuable asset, its golf courses. The rest of his qualifications for the honor rests on the fact that he has passed his love for the game on to his sons, Jeff, John, and Jason.

Jeff and John are both successful collegiate golfers with Jeff helping Florida Southern College win this year's NCAA Division II title and John a member of the University of Texas team. Jason, reportedly the best all-

around athlete, is 15 and just beginning to pursue competitive golf.

This isn't Klauk's first national exposure. In an NBC interview a few years ago, he struck a blow for all superintendents when he calmly countered the criticisms of the course conditions of a few disgruntled pros who had no idea or appreciation of the horrible weather conditions that challenged Klauk and his crew just prior to the event.

Congratulations, Fred, for bringing honor and recognition to the superintendents' profession and showing the world we are fathers and family men with hopes, dreams and lives just like the superstars of the game.

LEGACY AWARDS

GCSAA Honors 2 Fla. Students

Two Florida students are among 10 children or grandchildren of GCSAA members to win 2000 Legacy



Suncoast President Tom Hilferty, center, presents research donation checks of \$2,500 each to FTGA's Don Benham, left, and FGCSA's Joel Jackson at the 18th Annual Suncoast Scramble. Photo by Joe Sittinger.

awards from GCSAA

• Courtney Sue Caillavet will be attending the University of South Florida majoring in microbiology. Her father, Bayne Caillavet, golf course superintendent at Southern Dunes Golf & Country Club, Winter Haven, is a 10-year GCSAA member.

• Lisa Klauk will be attending the University of Florida majoring in engineering. Her father, Glen F. Klauk, golf course

superintendent at Pablo Creek Golf Club, Ponte Vedra Beach, is a 20-year GCSAA member.

The competition offers educational assistance to the children and grandchildren of GCSAA members, which attracted 80 applications for the awards. The program, created in 1990, awards a \$1,500 scholarship to each student recipient. The awards are funded by Novartis Corp. and administered by The GCSAA Foundation.

Winners were selected by an independent committee that consisted of two educators and one college administrator. Applications were judged on the basis of academic excellence, extracurricular activities and an assigned essay describing their parents' or grandparents' involvement in the golf course management profession.

The GCSAA Foundation enhances the game of golf through funding applied research and advanced education in golf course management. Since its



Caillavet



Klauk