

In an industry where tradition is sacred, experience essential and innovation vital, the Toro reputation for leadership is legendary. Build on a track record of more than 35 years of service to golf, the Toro name has come to represent the finest in total turf solutions for thousands of courses around the world. In fact, 74 of America's top 100 courses* are irrigated with Toro systems.

When it comes to golf course irrigation, the Toro commitment ranges from offering the industry's largest and most diversified selection of quality products to providing unprecedented programs for after-installation service. But the Toro golf package is more than just products and service. It is a carefully woven fabric of key elements that combine to create the "right" irrigation system for each course.

Toro leadership is further exemplified through its strong commitment

to the golf industry in general. Torce tion supplier to The First Tee, an more accessible and affordable to The Toro Scholars Program supplied Superintendents Association of Ar Morris-level supporter of the GCS

The Total Renovation

Maintaining the quality of esta lenge for golf course superintenoften brings character and traditioneed to replace and update an ag



is the official turf equipment and irrigaorganization committed to making golf o young people throughout the nation. es scholarships through the Golf Course nerica (GCSAA), and Toro is an Old Tom AA Foundation.

Package

blished courses is an ever-present chaldents. While the maturing of a course on to the overall layout, it also creates a ging infrastructure. Toro leads the industry with a comprehensive package of professional services expressly for golf course renovation. System assessment, irrigation design and installation referrals, quality products, and after-sale support and training all are brought together in a centralized program through the Toro distributor. It is this total-package concept that ensures a dimension of cost efficiency and customer convenience unequalled in today's golf industry.

Flexibility is another important element. From irrigation systems specifically designed to meet rigid cost and watering requirements to a menu of after-installation service programs tailored to ensure successful performance, Toro offers the options and expertise to make it the number one

Dependability

Product innovation is the hallmark of The Toro Company. From development of the first plastic golf sprinkler to the first central/satellite control system, Toro has blazed a trail that others have only followed.

Golf Sprinklers

Simply said, Toro products are built to last, Manufactured of durable engineering plastics, Toro golf sprinklers feature the performance and long life required on today's courses. In addition, Toro sprinklers have the industry's lowest maintenance cost and are the easiest to service. Ideal for renovation projects, Toro sprinkler technology is backward compatible so that older sprinklers easily can be updated with simple conversion assemblies.

Among Toro's many outstanding models is the new 720 Series, which is particularly well suited to the golf course renovation market. Its advanced design provides superb coverage in challenging areas. With a radius of 20 to 55 feet, the 720 Series has an adjustable gallonage, arc and trajectory that allow the watering pattern to be customized for hard-to-reach spots.

Toro golf sprinklers also offer a full range of features such as adjustable part-circle and full-circle operation, manual control at the sprinkler, factory-set pressure regulation, durable stainless-steel risers, and up to four-inch pop-up heights, Electric or hydraulic valve-in-head models help reduce pressure spikes and damage to hydraulic systems. Check-O-Matic technology, which prevents low-head drainage, also is available. All Toro sprinklers offer color-coded nozzles for easy in-field identification.

Central Control

Built with the superintendent in mind, Toro's central control systems are designed to ensure programming flexibili-

ty and optimum watering precision in any golf course application. Used at more than 1,000 sites throughout the country, SitePro offers precise programming capability to save time and money. And, of course, SitePro is backed by Toro's comprehensive NSN, as well as the distributor sales and service group.

The wireless OSMAC® field satellites are also well suited to renova-



tion projects because there is little disruption to the golf course. For renovation projects requiring the ultimate in flexibility, Network LTC Plus satellites can be

installed wireless, wireline or hybrid (a combination of wireless and wireline), depending on the specific site conditions. Network LTC Plus also allows up to 64 stations for more precise control.

Toro satellites are ideal for golf course renovations. Existing hydraulic systems and old control boxes can be upgraded with either OSMAC or Network LTC Plus, providing enhanced control and programming flexibility. This in turn means better playing conditions. And isn't that the ultimate purpose of golf course renovation? For more information, contact your local Toro distributor.



WESCO TURF, INC. Sarasato 800-486-8873







Officers

President Darren Davis

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

Vice President Cary Lewis, CGCS

Renaissance Vinov Resort 600 Snell Isle Blvd St. Petersburg, FL 33704 (727) 894-5500

Secretary/Treasurer Geoff Coggan, CGCS The Great Outdoors Resport 135 Plantation Drive Titusville, FL 32780 (321) 269-5004

Past President

Michael Perham, CGCS Fountains Golf Club 4615 E. Fountains Drive Lake Worth, FL 33467 (561) 642-2724

Directors

Calusa Mike Mongoven, CGCS

Ft. Myers Co (941) 278-7261

Central Florida Brett Harris

Lake Nona CC (407) 826-5362

Coastal Plains Doug Abbuhl

(850) 576-7975

Everglades Gary Grigg, CGCS

Royal Poinciana GC (941) 261-0211

North Florida Ed Neumann

Keystone G&CC (352) 473-0089

Palm Beach David Court, CGCS

Boca Lago CC (561) 392-7991x101

Ridge Roy Wilshire, CGCS Grasslands GC

(863) 482-5000

Seven Rivers Buddy Keene

(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 Craig Weyandt

The Yacht & Country Club (561) 283-0199

West Coast Eric Joy

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)



Waterway at the Y&CC of Stuart. Photo by Daniel Zelazek.

should seek recognition for their accomplishments.

SPRING 2000

President Darren Davis points out that for the good of the profession, superintendents

SPOTLIGHT BIG, BUT NOT EASY 10 GCSAA Conference and Show, highlighted by national awards to Mike Blanchard and Gary Grigg, was great. Host city New Orleans was a different story.

The Yacht & Country Club of Stuart is reputed to be the oldest private country club in Martin County, the sailfish capital of the world.

The GCSAA wants input from everyone before finalizing the initiative for restructuring the membership requirements. No matter what the final version looks like, current members will be "grandfathered" in at their current status if they stay current.

Weed control is a year-round endeavor for Florida golf course superintendents. Super Tips reveals a simple aerifier dolly.

The FTGA's grass-roots fund-raising campaign has been well received with several clubs in South Florida expressing interest in the dues check-off for turfgrass research. Collier County golf course pioneer Paul Frank dies.

OFFICIAL BUSINESS ST JOHNS COUNTY FERTILIZER ORDNINANCE 66 The proposed ordinance to ban quick-release fertilizer from the Guana Marsh basin during specified seasons has caught statewide attention.

The University of Florida and the USGA have brought an endangered butterfly species back from the brink of extinction.

We have not seen the final effects of last fall's hurricanes. Spring transition may be a nightmare.

AFTERWORDS FERTILIZER ORDINANCE, BIG PICTURE, BEST BARGAIN ... 82 Industry comments on the St. Johns County fertilizer ordinance; Mark Jarrell on seeing the big turfgrass picture; Joel Jackson on membership benefits.

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

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, ${\tt CGCS}$

Spotlight: Mike Hamilton; Steve Keller; Joe Ondo, CGCS; Joel Jackson, CGCS, coordinator

Hands On: Dr. Phil Busey; Darren Davis; John Lammrish: Cary Lewis, CGCS; Mike Mongoven, CGCS; Joel Jackson, CGCS, coordinator

Stewardship: Shelly Foy; Audubon International

Superintendent Journal: Doug Abbuhl; Jim Goins: Bob Klitz, CGCS

Afterwords: Erica Santella; Dr. Phil Busey; Tom Stone, CGCS; Ed Fatica; 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	Pike Creek Turf Farms 57
Almar Turf	ProSource One 65
Ameraturf	Regal Chemical Co 14
American Cyanamid23, 87	Rohm and Haas 8
Aquatrols 41, 68, 81	Roots, Inc
Aventis Environmental Science 59	Safety Storage 37
Boyd-Gibbs Sod Farm 78	Smithco
Century Rain Aid 51	South Florida GCSA 25
Chemical Containers 63	South Florida Grassing 67
Ducor International 47	South Florida Turf Products 63
ER Jahna Industries	Southern Golf Products 19
Floratine Products Group 6	Southern States 15
Florida GCSA 17	Spread-Rite
Florida Turfgrass Association 85	Textron Turf & Specialty Prod 7
Florida Silica Sand 83	The Toro Company 27
Golf Agronomics Supply 55	Tifton Physical Lab 64
Golf Ventures 78	TMI Turf Merchants Ins. Back Cvr
Green-Way 74	Tom Burrows Turfgrass Service 33
Harrell's 45	Top Pro 79
Howard Fertilizer 11	Toro Dealers of Florida Insert
International Seeds	Treasure Coast GCSA 29
Kilpatrick Turf 69	Tresca Industries 7
Laserturf 83	United Horticultural Supply 22
Lesco 5	Valent USA 43
Milorganite 13	Van Waters & Rogers 61
North Georgia Turf 26	Wesco Turf 1, Inside Cover
Nucrane Corp Back Cover	Zeneca21, 53
Nutri-Turf Inc 66	

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

e are employed in an industry that demands managers who have diverse talents and skills. To those outside the profession, an explanation is often needed when introducing yourself as a golf course superintendent. A golf course superintendent — even as the manager of the backbone of a club, the

> golf course — often plays second fiddle to other employees at the club who are more visible to the public. A superintendent is often thought of as the person, "that keeps the grass looking good."

Today's professional golf course superintendent wears a lot of hats. He or she is

responsible for much more than just growing grass. Superintendents are still first and foremost agronomists, but they are also environmentalists, scientists, strategists, resource managers, educators, business managers and administrators. We in the business realize this, but does our golfing clientele or the general public truly understand the duties of a golf course superintendent?

for the profession if we do not seek some recognition on our own. We can not solely rely on others in the industry. The work of the Golf Course Superintendents Association of America (GCSAA) or the efforts of the United States Golf Association (USGA) is needed but golf course superintendents must also individually promote themselves.

Let me ask you a sincere question. Do you feel you deserve more recognition for the work that you do? If you hesitated or said no, you are more than likely being too humble. Certainly each individual has their own strengths and weaknesses, but each of us is good at what we do and, if you look at the big picture, most golf course superintendents are very deserving of more praise or recognition from others.

There are many avenues that recognition can come from, such as your employer, your golfers, your peers, or the general public. Each one of these is important in its own right. It is also critical to realize that recognition can do much more than just stroke your own ego. Recognition for the job you perform as a golf course superintendent can lead to better job stability for you, quicker advancement and also make the golf course industry as a whole better viewed by those outside the golfing world.

How does one obtain recognition? The answer is not difficult, but it can vary depending on the person. There is no right or wrong answer.

Some superintendents have received

Recognition: Go For It!

PRESIDENT'S MESSAGE



Darren Davis President **FGCSA**

Although I have not been in the business as long as some of you, I came to a realization very early in my career that John Q. Public will never, and I mean never, fully recognize the complexity of our jobs. They will never understand the devotion that we have



If It Was Only **About Delivering** Quality Products, We Wouldn't Have Turf Specialists

A good relationship between a superintendent and a supplier begins with quality products. But that's not where it ends. As a golf course turf professional, you have every right to expect and receive more. Convenience, selection, service, technical expertise and value should all be part of the package. And with LESCO,™ they are.

We arrive at your door with a fully-stocked LESCO

Stores-on-Wheels[™] offering fertilizer, pest management products, golf course accessories, and seed. What could be more convenient?

Every LESCO Storeson-Wheels is operated by a trained turf professional who has a vested interest in the success of your course. Our turf specialists and regional agronomists appreciate the challenges you face and are fully prepared to offer turf

management and product use recommendations.

With turf experts on board and a highly qualified team of support personnel in-house, LESCO remains dedicated to providing superior customer service and delivering more than just quality products.

Call us at 800-321-5325. We'll show you.



rave reviews for hosting a major tournament or for being employed at a high profile club. This type of high-pressure job is certainly not for everyone but there are other options. You could get involved in the Audubon Cooperative Sanctuary Program (ACSP) for golf courses or the ACSP for schools administered by Audubon International. One could also volunteer and become active in a local, state or national golf course superintendents association.

If writing is your forte, you could pen an article for your club newsletter, a trade journal or even a non-golf-related publication. Public speaking is also a quick way to tell your story to others. Telling your story can also be in the form of a press release written by you and submitted to the local paper, a trade journal or any print media that will publish this type of information. Applying for an Environmental Steward Award presented by the

...recognition of your talents by others is not just for your ego but instead it helps the golf course superintendent profession as a whole.

GCSAA, or for that matter any contest that can showcase your talents or the efforts made at your facility is another great idea.

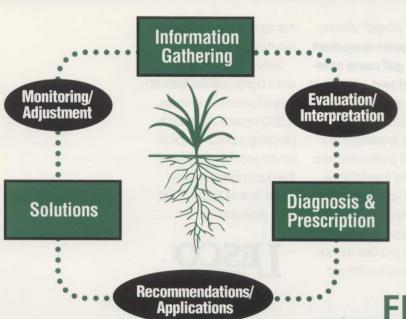
Are you talented on the computer?

Well, how about creating a web page for your club or something related to the profession? One could also get behind a valid cause and assist in a letter-writing campaign or a lobbying effort to persuade a government agency for the benefit of your club and others in the turf industry. Amazingly, recognition can also come from something as simple as inviting your peers or others to your golf course or traveling to see another course.

I could go on and on, but I hope that you now have a better understanding of the multitude of avenues that one could pursue for recognition. Quite simply, recognition is not hard to obtain but like anything worthwhile in life, you must put forth an effort. One must also be willing to come out of their own shell and realize that recognition of your talents by others is not just for your ego but instead it helps the golf course superintendent profession as a whole.

The Floratine Approach

"Prescription Without Diagnosis is Malpractice"



- Accumulation of comprehensive, site specific information from laboratory analysis, physical examination, and client dialogue.
- Evaluation and interpretation of information to understand and explain agronomic conditions.
- Recommendation of scientifically sound, environmentally responsible methods and materials to promote optimum soil functioning and turf quality.
- Continuing conscientious monitoring and appropriate pro gram adjustment to achieve maximum health and aesthetics.

Floratine of Florida

Terry Brawley 727-638-3481

Jim Lawson 941-633-6398 Tom Phillips 561-719-6265 Carl Bronson 727-638-5858











Four brands. One source.

Your Textron Turf Care And Specialty Products Dealer.

One source for the most consistent, precise mowers in the game. One source for the world's most popular, heavy-duty turf vehicles and finest aerators. One source for parts, service and certified mechanics. Cushman. Jacobsen. Ransomes. And Ryan. The top brands from one source. Which means one call or one trip is all you'll have to make – whatever your need. Rest assured, we're the ones who'll go the extra mile for you.







Tresca Turf & Tractor:

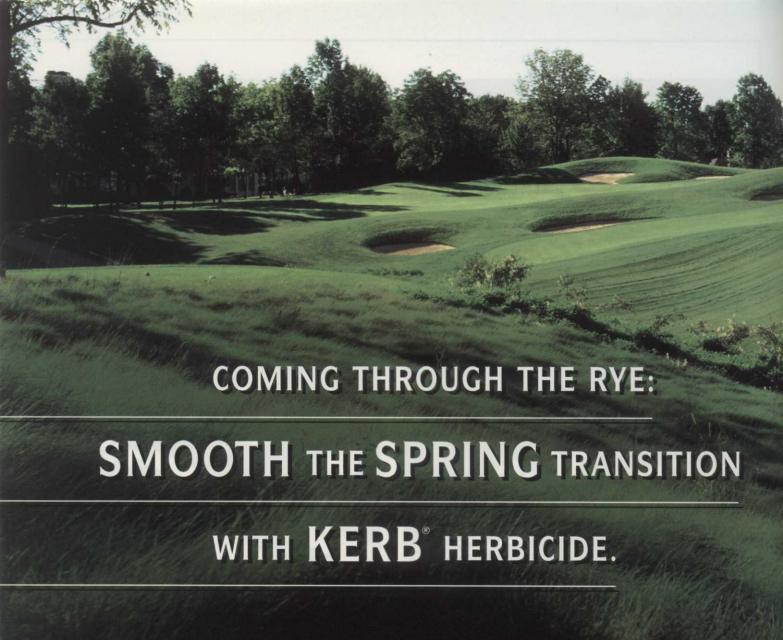
4827 Philips Hwy., Jacksonville, FL 32207 904-448-8070 3930 N. Orange Blossom Tr., Orlando, FL 32804 407-291-1717 www.tresca.com

Kilpatrick Turf Equipment:

7700 High Ridge Rd., Boynton Beach, FL 33426 561-533-1450 1620 Trade Center Way, Naples, FL 34109 941-594-1958 www.kilpatrickco.com

Golf Ventures:

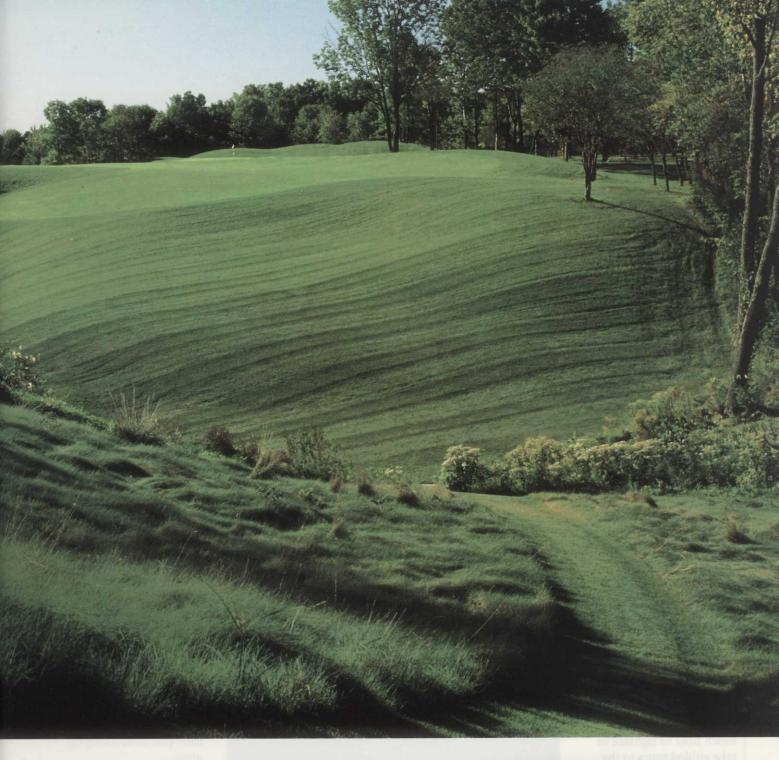
15790-1A Chief Ct., Fort Myers, FL 33912 800-481-8911 2101 E. Edgewood Dr., Lakeland, FL 33803 800-330-8874 www.golf-venture.com



f you overseed your fairways, you may have a love/ hate relationship with perennial ryegrass. When the bermudagrass is dormant, you love the ryegrass for how it looks and how it plays. But when the bermudagrass starts to green up, you want the rye out of there. The trick is to make the smoothest transition from rye to bermudagrass.

Though cultural practices can help, "chemical transitioning"— knocking out the ryegrass with a herbicide—gives the very best results.

But if your herbicide knocks out the ryegrass too soon, you get brown turf until the bermudagrass greens up. And if the product goes to work too late, then the rye competes with the emerging bermudagrass. Ideally,



your herbicide will take the ryegrass out at about the same rate the bermudagrass comes in.

University studies have shown that Kerb® herbicide is the best treatment for complete perennial ryegrass transition, over a period of about eight weeks. When Kerb is applied six to eight weeks before full bermudagrass green-up, the ryegrass is killed gradually as

the bermudagrass comes in; the transition is smooth, seamless, and predictable. Your fairways are green and inviting all season, every season. Golfers are happy. You're happy. And things go smoother all around.

To read the research cited here, and to learn more about transitioning with Kerb herbicide, call 1-800-987-0467, or visit us at www.rohmhaas.com



ALWAYS READ AND FOLLOW LABEL DIRECTIONS.
Kerb* is a registered trademark of Rohm and Haas Company
@1999 Rohm and Haas T-O-278







GCSAA INTERNATIONAL CONFERENCE AND SHOW: A PERSONAL PERSPECTIVE

'It Was Big But It Wasn't Always Easy!'

GCSAA Great But Bourbon Street Highly Overrated

by Joel Jackson, CGCS

he experience was big but it wasn't always easy! I'm not hard to get along with, but this ranks as one of my worst trips to our national conference. It had nothing to do with GCSAA. In fact, the time spent at the Convention Center was the best part of my trip to New Orleans.

I was looking forward to jambalaya and crawfish pie me oh my oh, and I did manage to satisfy my culinary curiosity somewhat, but the rest of my interaction with N'awlins left me wanting. In defense of the chamber of commerce and all the jazz musicians and oyster shuckers that didn't get a chance to entertain or serve me, I didn't have much time to sightsee or take guided tours to the historic and colorful places that help define New Orleans history.

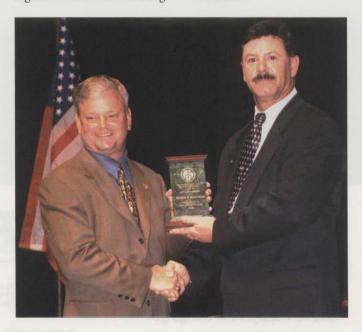
Maybe it was the stench of curbside garbage on Bourbon Street. Taking a walk down Bourbon Street was like dumpster diving for leftovers. I guess my Disney days are showing. Bourbon Street is highly overrated unless you want to go to a fraternity party that never stops. After a

couple of hours I was ready for Harrah's Casino, but I never really made it to the slots or blackjack tables. I did donate \$1 to the one-armed bandits while cutting through the casino on the way to the convention center.

Or maybe it was the derelicts sleeping under cars and doorways. Nor did it help set the mood when one of the colorful street people came into the restaurant where I was having breakfast. He traded in his beer can for a cup of coffee and then proceeded to curse at three superintendents from Minnesota for causing the ills of the world. I had to signal the hostess standing

...maybe it was the derelicts sleeping under cars and doorways. Nor did it help set the mood when one of the colorful street people came into the restaurant where I was having breakfast. He traded in his beer can for a cup of coffee and then proceeded to curse at three superintendents from Minnesota for causing the ills of the world.

right behind the guy and ask her if she thought this was good customer relations!



Leo Feser Award to Blanchard

During the opening ceremonies of the GCSAA Conference and Show in New Orleans, Mike Blanchard, GCS Tampa Palms G&CC (right) received GCSAA's Leo Feser Award from GCSAA President Dave Fearis, CGCS for his March 1999 article, "The Bosnian Connection" in Golf Course Management Magazine. Photo by Joel Jackson.

I think the real problem was trying to get to and from New Orleans. Evidently, the best way is by riverboat from Nachez or by car from Florida, because the airlines haven't got it figured out yet. Citing mechanical problems, Delta Comair let us enjoy Orlando airport's passenger waiting area for a couple of extra hours that we might have missed. Hey, take all the time you need fixing the plane.

Normally, the major hotels run complimentary shuttle busses to and from the airport. That works in New Orleans if you want to go to Kenner, the suburb surrounding the airport. Otherwise, the shuttles all have to have a \$30,000 taxi stamp to cross into other jurisdictions. Taxi cabs and airport shuttle vans, which are really big taxis, were the