MARCH - APRIL 1996 • Volume 19 Number 2

Official Publication of the Golf Course Superintendents Association of New Jersey

## Local superintendent selected for regional Environmental Steward Award

John A. Boyer from District Four, superintendent at the Marriott Seaview Resort, won the Environmental Steward Award for the resort golf course category in the Northeastern Region. GCSANJ has again gained bragging rights because this is the second year in a row that someone from South Jersey has won in the Northeastern Region. We are extremely proud of the fact that GCSAA has honored John for his work in protecting and enhancing the environment at his golf course. Here, in John's own words, are the environmental oncerns he faces at his golf course.

THE

"Marriott Seaview Resort is a 36-hole resort facility located on U.S. Route 9 in Absecon, New Jersey. This facility features a 299-room hotel, eight tennis courts, a golf learning center, and the two golf courses are the Pines Course and the Bay Course. The Pines Course is cut out of an oak and pine woods with narrow fairways roughly 6,400 yards in length. Across Route 9 from the hotel lies the Bay Course, an open, links style course featuring very small greens and measuring 6,000 yards. Both golf courses contain an abundance of wildlife, especially the Bay Course which borders on Reeds Bay and the Edwin M. Forsythe Wildlife Refuge. The presence of this wildlife is one of the prominent factors we must consider in our maintenance program.

"I will address two main areas of environmental concern at Marriott's Seaview Resort. These are the insect control programs, and our integrated pest management program.

"Insect control has always been one of the toughest challenges facing us here, especially on the Bay Course, where the reeds and marshes are ideal breeding grounds for mosquitoes and other flies. Aside from the aerial spray which is applied occasionally by Atlantic County, we do not make any chemical mist spray for the control of flying insects. The mosquito is a roblem we have from early May until the first freeze. The county does patrol our golf course and makes periodic larvicide applications to standing water on the golf course for the control of mosquitoes. This is done only when an abundant amount of larvae are seen in these pools. The county was encouraged to install a light trap on the golf course to get accurate mosquito counts to help them determine when an aerial application is necessary. Only when this count exceeds a certain threshold will the county spray by airplane at daybreak. They inform us a few days in advance so that we can inform our staff and the guests to vacate the Bay Course areas getting sprayed. The county mosquito control will also enter the marsh areas to dig out old water ditches to maintain the water drainage so puddling is minimized. This association with the county has proven to be very valuable to both the

Continued on page 5

In this issue	SSOCK.
Editorial	2
President's Message	3
The Greenerside wins GCSAA best in class	6
GCSANJ News	7
GCSAA '96 Board of Directors election results	13
The truth leaks out	17
X-marks the spot	20
Essex Fells C.C. site of 1996 State Open	25
Back nine	26

GCSANJ Newsletter is published six times a year by the Golf Course Superintendents Association of New Jersey

Ilona Gray, Editor Newsletter Business Staff Ken Krausz, CGCS Contributing Writers Douglas Vogel, Edward Walsh, CGCS, Shaun Barry Steven Malikowski, CGCS

Please address inquiries to: Editor, **The Greenerside** P.O. Box 3672, Wayne, NJ 07474-3672 **For Ad Placement:** Judy Policastro (201) 379-1100

Art and Typography by Trend Multimedia 908-787-0786 • FAX 908-787-7212

........

#### GOLF COURSE SUPERINTENDENTS ASSOCIATION OF NEW JERSEY

66 Morris Ave., Suite 2A Springfield, New Jersey 07081 201-379-1100 • FAX 201-379-6507

Officers: Paul Powondra, President Glenn Miller Vice President Ken Krausz, CGCS, Secretary Ron Mencl, Treasurer Chris Carson, Past President

#### Directors

**District 1** Michael Mongon Joe Kennedy District 3 Edward L. Mellor Dennis Shea

District 2 Vincent Bracken Patrick Campbell, CGCS District 4 Douglass P. Larson Steve Malikowski, CGCS

Chapter GSAA Delegate Wayne Remo, CGCS Executive Secretary Judy Policastro Commercial Representatives Steve Chirip Shaun Barry

#### © 1996 THE GREENERSIDE

Opinions expressed in this Newsletter are the opinions of the authors and do not necessarily express the opinions or policies of the GCSANJ Board and its membership. No part of this newsletter may be reproduced in any manner whatsoever without written permission.

Printed on recycled paper



## **EDITORIAL**



## The color green

By Ilona Gray

ooking out at the ice and the snow that has accumulated over the winter, it's hard for me to accept that I am going to write to you about spring. Springtime! It's the season that releases all the coiled energies compressed by winter's coldness. Gone are the

hours for planning. Spring is the season for action.

The action we face on the course this year will be considerable. The damage

from the snow and the threat of mold have to be assessed and addressed immediately. The agronomic demands of the course must be met as well. The equipment was well maintained over the winter and now must begin to earn its keep.

Other things are pressing too. Items beyond our control and that, by definition, is the cause of stress. Heading the list of the uncontrollable is spring weather. It matters significantly whether it's a cold, wet cycle or wet and warm, or will it be dry? Budget constraints, personnel problems, and the like are close behind. It's springtime and, like everyone else, there are personal items to attend to including the holidays, family events, and just relaxing a little bit.

Unlike Ma Bell, Mother Nature knows how to cure the stress of spring by removing winter's white and making the landscape green. Green

is a color that instinctively relaxes people. We don't really know why. Psychologists specializing in the impact of color in the environment (yes, there are such experts) tell us that we can be overwhelmed by too much bright color. It has too much energy and makes us nervous. Browns, blacks, and hues of gray are depressive in their actions, while green is just relaxing. It's the color of money to some, but to most, it is the color of life. Green fields, green grass, green leaves all add up to make for a relaxing environment. That is one reason why people like to be on a golf course in the first place. The addition of a few bright flowers season the mix of green with little dots of energy, boosting everyone's energy level just to the right point.

The Greenerside recommends that if you get a little stressed this spring relax, don't worry. Take a stroll through the course at the end of the day a enjoy the color green. Soak it in and let it do its magic. Don't fail to note what is flowering and examine the flowers for their intensity of color. The next morning you can start refreshed.



# **PRESIDENT'S MESSAGE**



Paul Powondra

## "Whaddaya mean I gotta?"

recent Landscape Management article discussing the possibility of the various green industry groups (GCSAA, lawn care, landscape,

nursery, etc.) banding together to present a "common voice" in Washington referred to GCSAA as powerful and financially independent. It further pointed out that GCSAA had recently hired a team of attorneys to serve as lobbyists in the capitol.

I must admit that I liked hearing that I was part of a professional association viewed as powerful by related groups. Note there is no implication of any arrogance on GCSAA's part, nor should there be. Believe me, as a result of the recent bylaws and reaffiliation issues, I have received a number of phone calls from members, which have caused me to reflect a reat deal about GCSAA and what it means to be a part of it, omething I had not done in quite a while.

Having served as government relations chair for GCSANJ as well as on the Board of the Alliance for Environmental Concerns, I've come to know that the legislators and regulators listen far more attentively when represented with a sizable group of people (and voters) whose industry contributes billions of dollars to the U.S. economy, as ours does. While having an eye on proposed legislation or regulations which might impact our industry and, at the same time, striving to keep the key people informed about how we contribute to the environment and the economy is certainly not an issue we do often. But without someone doing it we could be burdened with far more onerous requirements than now. Remember GCSAA is working with the EPA in Washington to help guide and keep the regulators informed. Of course, GCSANJ and the Alliance do the same on a smaller scale here at home. It's too bad that it is so difficult to quantify something (unreasonable laws or rules) which has been prevented, much like we superintendents tried to quantify about how much disease we didn't have in a season. Just keep in mind that everyone shares in GCSAA's efforts and results, member and non-member alike.

GCSAA has other resources available as our present government relations chair, Mike Mongon, discovered. Mike as able to spend some time with State Senator Joseph Kyrillos at Expo last December while he escorted him around the trade show. Mike noted that the Senator seemed stunned by the technology on display. Senator Kyrillos was impressed enough to suggest we needed to get the word out to the general public, particularly about our efforts regarding the environment. Perhaps a video provided to the local cable systems around the state could be used. Of course, we would never have the resources for such an endeavor, but Mike got in touch with GCSAA, who had apparently not considered such an approach. Sure, there is "Par for the Course," but that is geared toward golfers, not the average citizen who has never been on a golf course but probably learned all he knows from watching

### GCSANJ will absolutely not lose its autonomy and will continue to focus its concerns on New Jersey and the region.

"Caddyshack." GCSAA was very interested and, at last report, was studying how best to provide a video that local chapters could give to television systems. Perhaps this will not come to fruition, but it's an approach to informing people about us that we might never have consider doing solely by ourselves. Who benefits?

I would like to thank all those members who called me about the bylaws issues, for they caused me to research them and pass those excellent questions on to GCSAA. Allow me to address several important points:

GCSANJ will absolutely not lose its autonomy. It will continue to focus its concerns on New Jersey and the region. Concerns about GCSAA having access to our books, noting our sound financial condition, and assessing us to fund some GCSAA program are unfounded. We will simply be forwarding to GCSAA a year-end statement to show we are doing everything a tax-exempt association is legally required to be doing; such as maintaining taxexempt status, filing reports with the IRS, and being incorporated. This information can be sent to a third party, such as an accounting firm, and GCSAA would never see the actual data, only receive a report about whether or not everything's in order.

We will continue to support research efforts here at home. In fact, GCSANJ will be very much involved in Dr. Bruce Clarke's newly approved project to build test plots to study greens construction and performance in both ideal and less-than-ideal sites. While other turf programs are

**Continued on page 4** 

# "Whaddaya mean I gotta?"

#### **Continued from page 3**

being scaled back at some of the prominent northeastern universities, Rutgers is emerging by having a dynamic, expanding teaching and research effort for turf. Plus, the recent faculty additions put it on the way to becoming the premier center for research in the region.

Regarding the dual membership issue, note that everyone will be "grandfathered" for life, that after July 1, 1997, even those people applying for membership in GCSANJ as Class C (assistant) will not be required to join GCSAA —only when they go to move up to A or B. Remember GCSAA has changed from the days when it was proposed that the delegate system be done away. The delegates, directed by the local chapters, carry much influence. They will be closely involved in pointing out and correcting any glitches in the dual membership rule. I quietly assigned a Board member the task of researching this proposed rule

change from a strictly negative viewpoint, literally tearing it down and apart to see if it was a good idea. He had extensive contacts throughout the country and is familiar with modest budget operations. His independent conclusion was that this rule change was the way to go, the way of the future. It is not about arm twisting by GCSAA, but about growth, strength, and respect.

No one likes to be told they've "gotta" do something. Not a single GCSANJ member today has "gotta" join GCSAA or vice versa, but we have tightened the entrance requirements for *future* A and B status in our profession.







# Local superintendent selected for regional Environmental Steward Award

#### Continued from page 1

county and ourselves.

"One natural control for mosquitoes that we have attempted to introduce into the Bay are Purple Martins. The Purple Martin is a bird in the swallow family. These birds are able to consume nearly 2,000 mosquitoes per day. We have now installed the martin houses near the marsh areas of the Bay Course.

"We have in the past two summers tried Garlic Barrier to repel mosquitoes. We sprayed this material, which is 100% garlic juice, over ten acres of grass near the marshes. This material seems to work very well to keep the mosquitoes away from the sprayed areas for two weeks or more. Last summer we used this natural material; however, our application was followed by 40 days of no rain. We could not determine the garlic's effectiveness because we had very little mosquito activity anyway.

"In the early spring, the first insect to arrive is the gnat. We do not use any chemical control of this insect. We provide insect repellent at the Golf Shop, at cost, for the guests' use. he biting fly, or strawberry fly, usually follows the gnat as summer approaches. This fly is a bad nuisance and is very difficult to control with chemicals, so none are used. The Green Head fly shows up along the Jersey coastline in late June when the temperature heats up above 90 degrees Fahrenheit. The Green Head fly is very large, up to three-quarters of an inch long. Its bite can be painful. Fortunately, this fly, though persistent, is very slow and usually can be killed after lighting on one's skin. There is no good chemical to control the Green Head, so we do not try. However, the Green Head is attracted to heat. A simple Green Head trap can be made by building an opening on the bottom of a wooden box covered on the top with a screen. This box is elevated by wooden legs so the bottom of the box is three feet high. The flies enter the trap from the open bottom and try to escape by flying toward the light. Finding no escape, they eventually tire out and fall to the ground, where they are eaten by sparrows and swallows. In the mid '70s, Rutgers University sent an undergraduate student to Seaview to check the effectiveness and design of the traps. They were found to work very well. These traps are placed just inside the marsh areas and spread out about 75 yards apart. One or two are placed near each tee and green. The Green Heads are still a problem but a lesser one that the golfer sees we are trying to ontrol.

"Bats are another natural predator of flying insects. In the evening many bats can be seen flying on both the Bay Course and the Pines Course. We have many natural habitat areas for the bats in wooded areas that we do not enter or disturb. We do plan on putting some bat boxes out on both courses in the future.

### We have many natural habitat areas for the bats in wooded areas that we do not enter or disturb.

"We are always looking for alternatives to the use of chemicals in the control of all insects."

## MORIE Golf Course Construction and Maintenance Materials

## **Unmatched Quality and Service**



## The Greenerside wins GCSAA best in class

### By Ilona Gray

own in Orlando, *The Greenerside* received top honors in its class for the 1995 Local Chapter Editors contest. *The Greenerside* is more than the official newsletter of the GCSANJ. It is a team of five who put together the six issues a year and the contributing writers that help keep the GCSANJ strong and vibrant.

The contest divides the newsletters into four categories. The Greenerside is placed in category four which includes those newsletters completed by paid professional staff. Runners up in this category were the newsletters from Georgia and Iowa.

1995 was a year in which all the effort in making *The Greenerside* came together, and it is especially gratifying to have that effort recognized on a national level. Let me introduce the winners:

### Contributing writers -

Shaun Barry, Barbara Beall, Sky Bergen, Dr. Bob aka Bob Gray, Sue Brennan, Chris Carson, Steve Chirip, Dr. Bruce Clarke, Joe Henry, Jozsef de Kovacs, Jim Dempsey, Robert Dickison, Ralph Engel, Wayne Frew, Gerald Fountain, Randy Gaugler, Gerry Jones, Armand LeSage, Steve Malikowski, Missy Marciante, Diane Miller, Dr. James Murphy, Mike Oleykowski, Dave Pease, Angelo Petraglia, Dr. Karen Plumley, Paul Powondra, Wayne Remo, Nancy Sadlon, Dennis Shea, Deborah Smith-Fiola, Carmen Valentin, Doug Vogel, Ed Walsh, Robert Way, Willet Wilt aka Ken Kubick, and James Woods.

These articles are enhanced by the excellent layout and artwork done by Trend Multimedia's Tony Rosa. The overall editing is done by me. Ken Krausz, newsletter business staff, and GCSANJ Executive Secretary Judy Policastro and Dale Nieves of Alampi & Associates round out *The Greenerside* team. And none of this, of course, would be possible without the financial support from our advertisers.

Calendar

### FRANK A. MACCHIONE CONSTRUCTION INC.

### **Specializing in:**

- Cart Paths Waterfall Ponds Rock Gardens
- Water Aerator Landscape Designing
- Tee Building Paving Stones Retaining Walls
- Asphalt & Concrete Construction



**April 9 GCSAA Seminar: Calibration** & Safety of Pesticide Application Equipment. Norton, Massachusetts. Contact GCSAA, (800) 472-7878. **April 25 GCSANJ April Monthly Meet**ing, New Jersey vs Philly. Cape May National G.C., host: Steve Malikowski, CGCS. Contact Judy Policastro, (201) 379-1100. The Rutgers Turfgrass Re-**May 15** search Golf Classic. Fiddler's Elbow C.C., hosted by New Jersey **Turfgrass Foundation. Contact Dick** Caton, (609) 853-5973. **Introduction to Wetland June 1** Identification. Cook College Office of Continuing Professional Education. Contact (908) 932-9271.



## **GCSANJ NEWS**

### NEW JERSEY SUPERINTENDENT RECEIVES PROFESSIONAL CERTIFICATION

**David M. Geyer,** superintendent of Greate Bay Resort and Country Club, has been designated a Certified Golf Course Superintendent (CGCS) by the Golf Course Superintendents Association of America (GCSAA).

Geyer has been superintendent of the Greate Bay Resort and County Club, Somers Point, New Jersey, course since 1993. He lives at 33 Mays Landing Road.

GCSAA instituted the certification program in 1971 to recognize outstanding and progressive superintendents. More

than 1,400 active GCSAA members currently hold CGCS status.

To become certified, a candidate must have five years' experience as a golf course superintendent, be employed in that capacity, and meet specific educational requirements of college credit or continuing education units. The candidate must then pass a rigorous six-hour examination covering knowledge of GCSAA and its certification program; the rules of golf; turfgrass management; pest management, safety and compliance; and financial and organizational management.

As part of the certification process, an on-site inspection of Geyer's golf course operation was conducted by two certified *Continued on page 8* 







#### Continued from page 7

golf course superintendents: Steve Malikowski, CGCS, of Cape May National Golf Course, Cape May, and Ken Van Fleet, CGCS, of Avalon Golf Course, Cape May.

### GCSANJ WELCOMES NEW MEMBERS

*The Greenerside* welcomes the following new GCSANJ members:

Kevin B. Haggerty	<b>B-1</b>	Manasquan River GC, Brielle
Alfred Holden	<b>B-1</b>	Richmond County CC, Staten
		Island, NY
David S. Morrow	<b>B-1</b>	Glen Ridge CC, Glen Ridge
Michael R. Shanko	<b>B-1</b>	Peddie School GC, Hightstown



Joseph J. Stefanski ALaTourette GC, Staten Island, NYFrank TichenorB-1Essex Fells CC, Essex Fells

The following membership changes were approved recently:

Peter L. Pedrazzi, Sr. Pierre Coste, CGCS Buddy Rizzio From A to C From A to L From C to L

### A SAMPLE OF THE FAMILIES WHO VISITED SHAUN BARRY'S BOOTH



The GCSANJ family: (left to right) Armand LeSage, Sky Bergen, Ken Mathis, and Paul Powondra.

The Bob Dwyer Family: Michael (12 years old) and Katy, 11, are two of Bob's nine children.





The Thompson Family: Ken and Kathleen with children Allen and Stephanie.





## **GCSANJ NEWS**

The Pat Campbell Family: Standing (left to right) are Meredith Ciccone, Jerry Ciccone, Pat Campbell and Linda Campbell. The children are Josh (left) and Jon.





The Broome Family: Rick and Tracy Broome and children Ashley and Justin

### **ORLANDO MAGIC**

#### By Shaun Barry

Ilona Gray asked me to report about what happened at the National, so here goes—my great adventure. Next time she will ask someone else to give this report.

It is Thursday night and snow is predicted for Friday with accumulations of up to 12 inches. My flight leaves Friday evening. The potential for problems seems great. I decide to go early and standby. The 7:15 a.m. flight was full but I got on the 8:30 a.m. flight. I also got off this flight when late arriving flyers showed up and they wanted my seat. I hope **Ron Mylnarski** (Copper Hill C.C.) reads this explanation. He saw me escorted off and I can only imagine what he thought.

Between flights I took time for breakfast and Joel Siegel Continued on page 10









### **Continued from page 9**

(film critic) sat next to me. He agreed with me that "Braveheart" was a great film but he didn't think Mel Gibson would win Best Director. He has been nominated since our conversation, so maybe I will start a new career.

I headed back to the gates and got on the 9:45. Well, actually, I got down the runway to the door of the plane before I was turned around. This was going to be a long day.

**Barbara Cleary** and the **Bracken family** helped to brighten my day, but soon they were on their way and I wasn't. Finally, after walking many miles from gate to gate, I got the last seat on the 3:00 p.m. flight. The journey had begun and the adventure continued. My rental car took one hour of standing in line. When I got to the counter, the rep said next time just avoid the line and go directly to the corporate counter (one of us felt like a dummy).

## Introducing The Perfect Bag For Greens And Tees.



For overseeding low cut areas and establishing greens and tees, no other fertilizer provides the kind of coverage and nutrient distribution that Country Club 10-18-18 does.

Country Club 10-18-18

After two hours of driving through some incredible rains, I arrived in Port Richey. It was 10:15 p.m., and I was at home but nobody else was plus they had the key. Bill Johnson (Philadelphia Cricket Club) and **Jack Montecalvo** (Jersey Turf) were out to dinner. At 10:45 everybody was home and we made golf plans which included gloves, hats and long johns. It never warmed up for the next three days, but we had a great time. World Woods G.C. turned out to be as good as I was told, and Bill's 81-year-old Dad had the low score of the day everyday except when he was my partner.

On Tuesday I got to Orlando. At the golf tournament I talked with **Bob Prickett.** He had played well and his 162 earned him a place in the Stableford Competition of the 1st flight. Something was wrong, though, and after much prodding (about one second and in front of **Tom Grimac** and **Doug Larson**) he told me how his friends (?) had cast him aside. It seems that **Steve Malikowski** had gotten a chance to play Black Diamond C.C. Steve asked Tom and Tom asked Doug and nobody asked "The Dean." Bob wiped away a tear but the hurt still remains. Doug and Tom played here as a team so w can only guess whether Bob and Tom will team up to defend their "Leslie Cup" title (please stay tuned).

Later that day I saw Ian Kunesch. He had a real great tournament. His total was 158, which included a mile of putts. This made him a runner up by one shot in the Gross division in the 1st flight. That one shot was the final 20' putt on the last hole which sat on the lip. He also tied for 1st in the Net division. I also found out that Chip Kern won his flight and that Bruce Peeples came in third. Congratulations to all of our winners and to anyone who has been left out.

The seminars were well attended and really seemed to be the main reason that most of our members attended the conference. The next major item of interest was the Trade Show where every new thing was showcased and where one of our members put on a fashion show. This unidentified but large person was seen walking the aisles wearing shorts, black hightop (Chucky T's) sneakers, a jacket wrapped around his stomach, a dress shirt and a smile on his face. Thank goodness he was looking for Sven and not me.

Forrest Arthur of Hominy Hill fame is now the superintendent at Spanish Bay and he sends his regards. Other former New Jersey superintendents were also seen by this reporter— Wayne Ballinger, Chris Gaynor, Les Mickens, Bob Miller Mike Leftwich, Danny Quast, Terry Stanley, Mel Summer and John Ward, all seemed well.

Everybody that I spoke to had no problems except Ron Continued on page 11



## **GCSANJ NEWS**

#### Continued from page 10

Luepke. It seems that his hotel clerk wouldn't give him the key to his room. His wife (Dr. Karen Plumley) had checked in first and nobody else was getting a key. Lucky Ron got to spend the night with Mike King. I'd change hotels next time, Ron.

The show did end and the flight home was uneventful (except being seated between three high school cheerleading squads, but that is another story). Now our year really begins. I hope it is just a little bit less eventful.

#### **1995 SCHOLARSHIP RECIPIENTS**

#### By Dennis Shea

The 1995-1996 GCSANJ scholarships were awarded to five deserving recipients in January. This year's group included **John Genovesi** (University of Rhode Island), **Scott Fretz, Keith Kubik, Paul Stampa**, and **Yi Wang** (Rutgers Iniversity). All of the recipients have enjoyed strong academic campaigns and intend to pursue careers in the turf industry.

The relationship between superintendents and the research component of the universities has become vital in developing and administering sound agronomic practices. The importance of this alliance was clearly exhibited in recent years with the onset of Summer Patch and Summer Stress Syndrome (complex). The successful response to these maladies with effective controls through the cooperation of superintendents and research facilities highlights a need to ensure and strengthen this important conduit. The Scholarship Committee has recognized the contributions of turf research, there-



Over 30 years experience in building new ponds, enlarging & redesigning existing ponds. Can get all DEP permits

> (609) 655-2281 74 Petty Road, Cranbury, NJ

fore we encourage people in this area to participate in our scholarship program. Our future is about communication and cooperation.

#### **THE FINAL ANSWER?**

#### By Shaun Barry

In a previous newsletter I acknowledged a mistake that I had made and asked for the name of the superintendent who received our first plaque. Dr. Henry Indyk checked his files and we have an answer. It was in 1977. The occasion was the LPGA Tournament held at Forsgate C.C. The late**Paul Boizelle** presented the plaque to **Tom Schultz** on the 18th green during the concluding ceremonies. If someone disagrees, please let me know.

## Scotts<sub>®</sub> fluid fungicide line is what you need to fight turf diseases

Turf troubled by diseases? One of the ProTurf<sub>®</sub> Fluid Fungicide products will help:

- *Fluid Fungicide* prevents and controls dollar spot, brown patch, red leaf spot and pink snow mold
- Fluid Fungicide II prevents and controls Pythium blight and damping off, brown patch and dollar spot
- *Fluid Fungicide III* prevents and controls anthracnose, leaf spot, dollar spot, brown patch and pink snow mold



## ON THE LIGHTER SIDE

By Shaun Barry

t the National I was given an unusual sheet. It contained answers from test papers submitted to science and health teachers from around the world. When you read the ones that I have chosen just stop and think for a minute. These students will become members at a course someday. As you shake your head just smile a little and think about early retirement.

- 1. HO is hot water and CO is cold water.
- 2. Germinates means to become a naturalized German.
- 3. When you smell an odorless gas it is probably carbon monoxide.
- P.S. I will supply the complete list on request.

## Mea Culpa

We neglected to say the the cover article in the November December *Greenerside* was adapted from an article that originally appeared in the MET GCSA's *Tee to Green*, Vol. 25, Num. 7, September/October 1995. **Pandora Wojick** and **Tim O'Neill** co-wrote the original article.

## The 1996 CIBA Legacy Award

#### By Dennis Shea

The CIBA Legacy Award Program offers educational aid to the children and grandchildren of GCSAA members through the auspices of the GCSAA Foundation, a charitable and educational trust. CIBA Legacy Awards are \$1,500 per academic year. Application forms and eligibility information will be available through GCSANJ Headquarters for any members interested in utilizing this opportunity. Application deadline is **April 15, 1996**. Please contact Judy Policastro at (201) 379-1100.



We'll make your entire golf coursegreens, tees, and fairways - beautifully playable. And, we'll do it with environmentally sound plant nutrients and soil conditioners that encourage and enhance the biological processes which occur naturally in soil, plants, and grass.

### STORR TRACTOR COMPANY

Distributors of Turf, Irrigation, Recycling Equipment, and Environmental Products & Services

3191 US 22 East Somerville, NJ 08876 (908) 722-9830 175 13th Avenue Ronkonkoma, NY 11779 (516) 588-5222

Serving the industry since 1945

# GCSAA 1996 Board of Directors election results

by: Wayne P. Remo, CGCS GCSANJ Delegate

For President (Ran unopposed & Elected) Bruce R. Williams, CGSA Highland Park, Illinois

For Vice President (Ran unopposed & elected) Paul McGinnis, CGCS Phoenix, Arizona

For Secretary/Treasurer (Total votes cast 5,943) George F. Renault III, GCSA (Elected with 3,742 votes) Bethesda, Maryland

David W. Fearis, CGCS (Lost with 2,201 votes) Kansas City, Missouri

For Director (Total votes cast 11,892) Ken Mangum, CGCS (Won with 3,507 votes) Duluth, Georgea

Scott Woodhead, CGCS (Won with 3,037 votes) Bozeman, Montana

Michael Wallace, CGCS (Lost with 2,310 votes) Simsbury, Connecticut

Samuel Snyder VII, CGCS (Lost with 1,502 votes) Wilmington, Delaware

Robert Tillema, CGCS (Lost with 825 votes) Sanger, California

Paul A.C. Dermott, CGCS (Lost with 711 votes) Ontario, Canada

\*\*\*Note

Michael Wallace was appointed as Director by President Williams to fill the 1 year unexpired term of newly elected Secretary/Treasurer George Renault III, CGCS



Hardgoods - 201-473-3393

Nursery - 201-473-2749

Fax - 201-473-4402

To Keep Your Turf Free from Disease & Insects TERRE Co

has the

Turf & Ornamental products that perform



206 Delawanna Ave Clifton NJ 07014

# **Travelin' with Nigel**

By Nigel Wisskowski, CGCS

### PART I

The 1996 GCSAA Conference and Show has come and gone and once again has been a great success. As usual the annual meeting is always one of the hottest topics, and this year was no exception with bylaws amendments being at the top of the list. For the sake of brevity, let me summarize the results of the balloting. All amendments were overwhelmingly passed as expected by me and your Chapter delegate, Wayne Remo. The only passed amendment that could be considered relatively close was Article I, Section 2 which takes away voting privileges of Class C members, and Section 4 which adds a section delineating the rights of membership. For this amendment the voting was 5,437 Yes and 1,204 No.

As for the election of officers, the results are as follows: Bruce R. Williams, CGCS, is our new president; Paul S. McGinnis, CGCS, vice president; and George Renault III, CGCS, secretary/treasurer. Ken Mangum, CGCS, and R. Scott Woodhead, CGCS, were elected as directors and Mike Wallace, CGCS, as the third highest vote receiver, was appointed to a one-year term by newly-elected President Bruce R. Williams.

# GCSAA 1996 Articles of Incorporation/ Bylaw Amendment Results

Ballot Issue #1 (Passed 6,632 votes yes, 9 votes no) (161 yes from NJ)



To allow chapter delegates and proxy voting for modification in annual dues for Classes AA, A, B, and C members.

Ballot Issue #2 (Passed 6,093 votes yes, 548 no) (119 yes from NJ, 42 no)

Beginning July 1, 1997, all new Class A & B members residing in the U.S. except Alaska, must be a member of an Affiliated Chapter.

Ballot Issue #3 (Passed 5,437 votes yes, 485 no) (161 yes from NJ)

That all chapters must have an Affiliation Agreement with GCSAA, and establishing disciplinary action for violation of the agreement and Code of Ethics.

Ballot Issue #5 (Passed 6,423 votes yes, 218 no) (161 yes from NJ)

Allowing the Standards/Bylaws Committee to reject proposed amendments while providing a means for an individual to submit a proposed amendment to a membership votes.

Ballot Issue #6 (Passed 6,609 votes yes, 12 no) (161 yes from NJ)

Allowing chapter delegates and proxy holders to vote on modification of annual dues, allowing the Board of Directors to remove or discipline a board member, allowing the board to hold special meetings by phone, allowing a Director to waive the right to meeting notice, indemnifying Directors for simple negligence in accordance with state laws, providing for dissolution of the Association and

Continues on page 19

# Introducing New Daconil Weather Stik<sup>\*\*</sup> Fungicide. It Outsticks The Flowable Competition For Top Disease Control.

High magnification microscopy shows it. And laboratory wash-off studies, too. New Daconil Weather Stik fungicide sticks and stays like the competition can't. So when other fungicides might wash away, you can continue to count on Daconil Weather Stik for control of major turf diseases on both warm and cool season grasses. That includes Brown patch, Leaf spot, Melting out, Dollar spot, Anthracnose, Rust, Red thread, and Snow mold. Plus control of most ornamentals plant diseases and algal scum, too.

In addition, Daconil Weather Stik can be tank-mixed with a wide range of turf and ornamentals fungicides, so you can also count on it for broad-spectrum support of your systemics, as well as disease resistance management. Remember, there's never been a documented case of disease resistance to a Daconil brand fungicide in over 25 years.

And Daconil Weather Stik is more concentrated than prior formulations, so you'll have fewer jugs to get rid of, too. Which simply says from better protection to easier disposal, Daconil Weather Stik is the right flowable choice for you. ISK Biosciences Corporation, Turf & Specialty Products, 1523 Johnson Ferry Road, Suite 250, Marietta, GA 30062.





Always follow label directions carefully when using turf and ornamentals plant protection products. TM Trademark of ISK Biosciences Corporation.

# Landscape irrigation contractor rules adoption

he following is a summary of the rules adopted and recently published in the New Jersev Register of January 2, 1996. These regulations make it official that irrigation contractors will have to be certified under the Landscape Irrigation Contractors Certification Act. The regulations set up a Board which will implement this process.

The act defines an irrigation contractor as anyone involved in the construction, repair, maintenance, improvement and alteration of any portion of a landscape irrigation system, including required wiring within that system and connection to the required power supply, and the installation and connection to a public or private water supply system under the terms and conditions of a contract.

The candidate will be furnished a certification form and has two years from the date of his application to pass the examination. If the individual fails the exam, he has to wait a minimum of six months from the date he failed before he is

These regulations make it official that irrigation contractors will have to be certified under the Landscape Irrigation Contractors CertificationAct.

allowed to retake the exam. The fee schedule is as follows: Application for Certification \$45; Reapplication \$45; Examination Fee \$150; Examination Retake Fee \$50; Certification Fee is \$300 and Biannual Registration is \$300.

For additional information, contact the Irrigation Association of New Jersev at (201) 379-1100.



# "I'm working to land myself a successful retirement."

t's never too early to plan for retirement. Especially when you consider that you'll be spending over one-third of your life as a retiree. 🔳 We'll help you determine exactly how much you'll need to comfortably retire. Then get you started on a systematic plan that's affordable and rewarding in retirement. For more information or to speak with us personally, please call:

James K. Woods

James K. woods Berger Financial Group Executive Plaza, 3443 Highway 66 Neptune, NJ 07753 908-922-9550, fax: 908-922-3054



New England Mutual Life Insurance Co., Boston, MA

070-0196-0204



# The truth leaks out

By Steve Malikowski, CGCS

**R** or quite some time I have been considering leaving *The Greenerside* as a contributing writer. It was brought to my attention that my unique style of writing may be unwanted? I was told that our membership could be tiring of the unending Ed Walsh bashing. That there is no room in a serious professional newsletter for this kind of nonsense. Well, to those of you who may feel this way, our editor says to "lighten up."

First, all of the satirical information in these articles is based upon actual facts. Second, Ed and I have been good friends for years. Third, I don't believe in changing the names to protect the innocent. Finally, in this highly stressful business of golf course management, the main reason for this type of literary genius is to help relieve the stress, possibly to get you to temporarily forget about the pressures along with the aggravations involved with this great career. And if complaining about my and Ed's writing does this, then we have been successful. Maybe if I ever win the GCSANJ Distinguished Service

Award I'll tone it down a little but until such time, you will continue to hear from me.

Also congratulations are in order for Ilona and *The Greenerside* for winning first place in this year's GCSAA Chapter Newsletter Contest. I guess someone likes the stuff that's written. I'm sure that it is my articles that

put *The Greenerside* over the top. Ilona has worked and continues to work very hard to give us a good product, and for those who don't know it, our newsletter is read all over the country. To my knowledge we have only received one nasty letter over the years about my articles, and, since then, when I use my camera at the trade show I make sure I have an offical press pass.



()(()

# What Can The Reelmaster<sup>®</sup> 5100-D Do That No Other Mower Can? Ask It Yourself.

All mowers make noise. The 5100-D holds conversations. It tells you where problems are. It even talks to itself with a brain called ACE™ (Automated Control Electronics) that keeps the 5100-D working instead of being worked on.

With the ACE hand-held

ACE Data Log

diagnostic tool the 5100-D tells you the status of over 40 major electrical

components. And the ACE Data Log<sup>™</sup> lets you pinpoint intermittent problems without

running back and forth to the shop.

Through the ClipACE<sup>™</sup> function the 5100-D talks to itself and automatically adjusts reel speed according to forward speed. This gives you a higher quality of cut over a wider variety of turf

conditions without

**ACE Diagnostic Tool** 

lifting a finger. The 5100-D

is built so well, Reelmaster 5100-D you'll seldom need ACE. But on the rare occasion you do, you'll be glad it's there. We'll bring one over. Then the three of TORO us can talk.



Helping you put quality into play.™ **Storr Tractor Company** 

3191 Highway 22, Somerville, N.J. 08876

908-722-9830

Celebrating Our 50th Year of Service to the Turf Industry, 1945-1995 TORO and Reelmaster are registered trademarks and ACE, Data Log and ClipACE are trademarks of The Toro Company. © 1993 The Toro Company. No. 94-240-T.

## Barnegat Bay and Little Egg Harbor estuaries

### by Ilona Gray

f your course is in the general area of these or other estuaries in the state, you may be interested in an EPA program that is establishing how and where pesticides and fertilizers can be applied to land that borders on these sensitive environments. Here in New Jersey the activity is focused around the titled estuaries. So far a four-part Citizens Advisory Committee has been established and meets in the Dover Township Municipal Building in Toms River.

The four subcommittees include representatives from the Trades (builders, landscapers, etc.), Environmental, Civic (block associations, etc.), and Tourist Industry. In addition to the Citizens Group there is an ad hoc science and technical committee. The overall objective is to propose a policy for management of these areas.

Contact me, at (201) 595-7172 for further information.

# **Incorporation/Bylaw Amendment**

**Continued from page 14** distribution of the assets in accordance with state and federal laws. Contingent Ballot (Passed 5,571 votes yes, 279 no)

For the reduction of Class C dues to \$150.00, one half of Class A and B dues.





### By Ed Walsh, CGCS

ou know, going food shopping can give some real good examples of where you are socially and what age group you are in. I started to realize this just the other day.

I remember when Mary and I were just starting out. We didn't waste any time starting a family as Chris came within the first year, followed by Jenny one year and one week later. We missed a year until Beth arrived but, as you can see, we had our group reasonably young.

When we went to Grand Union or Shop Rite we had to be very cautious because there wasn't a lot of money to go around. Assistant superintendents didn't make a lot of money. Most of the time we bought the store brand items which were always less expensive. It really didn't matter because we were happy and had great kids.

As the children got older and I started to make a few more dollars, we didn't buy store brand products as much. We ever started to realize that the more popular brands even tasted better.

A few years later, as the kids went away to college or fulltime jobs, we found we started treating ourselves to products we couldn't keep in the house when the kids were around or couldn't afford earlier. I actually enjoyed shopping. Who cared about what was in the food as long as it tasted good. Stuff like potato chips, candy, ice cream, steak, shell fish, and pork became part of the regular diet. Hey, if we could afford it and it tasted good, we bought it.

That phase (the best of times phase I like to call it) lasts until you start going to your doctor on a regular basis and/or middle age sets in. Usually they happen at the same time.

Now I go shopping and every label has to be examined for fat content, cholesterol, dietary fiber, and sodium. Forget about that junk food that tasted so good a few years ago. Now you eat carrots, celery, bran flakes, and lots of chicken. All the stuff that's supposed to make you a healthier person.

You can go shopping now, and all you have to do is look in a person's shopping cart to see what's going on in their life.

Continued on page 22



# Wilfred MacDonald earns Jacobsen Golden Reel Award

ilfred MacDonald, Inc. of Lyndhurst earned the Jacobsen Golden Reel Award for 1995, signifying six selections as a Jacobsen Distributor of the Year. The Golden Reel Award recognizes long-term sales and service excellence and was presented to Wilfred MacDonald President Jim Pelrine at the Jacobsen International Business Conference held in Charlotte, North Carolina.

Pelrine (center) accepted the award from Jacobsen President Phil Tralies (right) and Vice President of Sales and Marketing Harold Pinto.

Jacobsen Division of Textron Inc. is a premier manufacturer of professional turf maintenance equipment used worldwide.



#### PENNINK **USE NATIVE GRASSES GOLF COURSE** CONSTRUCTION & WILD FLOWERS and ARRIMOUR **RENOVATION** You and the environment will reap the benefits: Tees PENNINK ARRIMOUR Less water use Greens • Less pesticide use Bunkers Less maintenance • Establish habitats for small New Construction wildlife and birds • Meet the criteria for participation Tom Ristau - Division Manager in the Audubon Cooperative Richie Valentine - Turf Consultant Sanctuary Program • Add to the beauty and PA phone: (215) 659-6411 diversity of the golf course PA fax: (215) 659-9317 To learn all about the selection, establishment and maintenance NJ phone: (609) 466-1500 of these "naturals," talk to the long-time experts at Lofts. Member of: Golf Course Superintendents Assoc. of America (800) 526-3890 Golf Course Superintendents Assoc. of New Jersey Ext 207 for technical information Philadelphia Assoc. of Golf Course Superintendents Ext 250 for literature Lofts Seed Inc. Tv. Huntingdon Valley, PA Hopewell, NJ LOFTS Somerset, NJ 08873

# They're back

Sooner than you think, the Gypsy moth invasion will be taking place. In New Jersey some 25,000 acres may be treated with BT. Individual sites may increase this considerably. The US Forest Service estimated that 155 million acres were generally infested by this pest. The final Environmental Impact Statement has been prepared, and the final steps are now being put into motion.

The Forest Service and the Animal and Plant Health Inspection Service, both arms of the USDA, will provide overall leadership for the Gypsy Moth program. They are charged with selecting one of the alternatives described in the EIS. Copies of the final EIS are available on request. The

## X-Marks the Spot

### contact is John Hazel, (610) 975-4150.

The moth has been everything from a big problem to a minor nuisance in New Jersey. The state is not taking the potential problem lightly. In January, public meetings were held to discuss the potential aerial treatment of some 25,000 acres. John Kegg, chief, Bureau of Plant Pest and Disease Control, New Jersey Department of Agriculture, is the point person for the program in our state.

The best defense for your course is to scout the trees and watch for heavy infestations. If in doubt, call your arborist or local county extension contact.

### **Continued from page 20**

If they're young and starting out, you'll find store brand products. If their kids have left home, you'll see good stuff and lots of junk food. If middle age has set in, you'll find all the food that nobody else eats because nobody wants to be that healthy.

I must admit that there is one good thing that happens when you start eating stuff that's good for you. You can take the New York Times and Sports Illustrated into the bathroom when you need to go and probably read them both. Now I know why I am starting to read more.

### Introducing The Number One Fertilizer For Fighting Patch Disease And Fungicide Costs. THE By using a fertilizer contain-50 Lb. (22.68 Kg.) Not Weight ing ammonium sulfate, you can reduce your instances of summer patch by as much as 80%.\* Country Clu But if you've ever used 16-4-8 ammonium sulfate in its pure GREENS GRADE form or in a blend, you know it can be a messy situation. Fortunately, now there's

Country Club® 16-4-8. A homogeneous fertilizer that offers the benefits of ammonium sulfate in a spreadable, easy-to-use form.



\*Contact Lebanon Turf Products at 1-800-233-0628 for a free copy of the Rutgers Study on Reducing Patch Disease.



# Known causes of stress related disfunctions of course superintendents

### By Dr. Nigel Wisskowski, CGCS, MD, PhD, BAD

- Staff members who forgot to punch in or punch out.
- Having to ask to have the trash emptied.
- Having to tell someone to clean the lunchroom.
- Staff members driving through known wet areas leaving ruts behind.
- Growing cart path widths.
- Being asked, "What do you want me to do now?"
- Calling the shop and getting no response because someone didn't turn on their walkie talkie.
- How long until the frost melts?
- Wrong information posted on the pesticide application signs.
- Being asked, "Which direction do I cut greens today?"
- How much rain did we get?

- Sprinkler heads not turning.
- Cart path stakes down or not standing up straight.
- Cutting a green with twigs or leaves on it.
- Having to tell someone to clean the sweetgum balls out of the grooved rollers of the triplex.
- Clipping the yardage marker off the same sprinkler head four or five times.
- Having to pick up the trash someone else should have picked up.
- Having to ask (tell) someone to squeegee water off a green before it is cut.
- Crooked trash receptacles.
- Having to tell key personnel to turn their walkie talkies on.
- Cutting too close to open stone drains with reel mowers.
- Seeing utility vehicle tire tracks on top of tees.

Continued on page 24

## Golf Course WATERWAY MANAGEMENT keeping your ponds up to par

effective control of algae and weed problems dredging studies/permitting wetlands creation aeration systems fish stocking aquascaping

### COASTAL

ENVIRONMENTAL SERVICES, INC. scientists-engineers-planners 2 Research Way Princeton, New Jersey 08540 (609) 987-0966

## **Known causes of stress**

### Continued from page 23

- Looking for my golf cart.
- Having to clean out my own golf cart.
- Having to tell a staff member to put air in a tire.
- A flagstick broken by a triplex operator.
- Telling the owner's brother to clean up his mess.
- Trash in the recycling bins.
- Recyclables in the trash bins.
- Trash all around the dumpster.
- Equipment taking shortcuts around the course creating roads.
- Tee markers pointing the wrong direction.
- Being expected to grow turf in the shade or woods.
- Tubelock flags at the bottom of the flagstick.
- Not backfilling a trench properly the first time.
- Tools in the back of trucksters after everyone has gone for the day.
- An empty water cooler at the wrong time.
- Greensmowers turning too sharply.
- Root pythium and Anthracnose basal stem rot.
- During a frost delay having someone ask if they can use

the putting green while they wait.

- Getting a letter from GCSAA telling you not to dare bring a camera to the trade show.
- Being told not to bash Ed Walsh in "The Greenerside" anymore.
- Raining when the pesticide needs to dry.
- Spraying for grubs, then having the sun come out when it was supposed to rain.
- Low water level shutdown.
- Getting a call from Ilona.

## It's every player's responsibility...

- Repair ball marks
- Replace or fill divots



Rake bunkers

A message from your golf course superintendent and GCSAA





JIM BARRETT

P.O. Box 853 Montclair, NJ 07042 (201) 744-8237 Fax: (201) 744-0457

### **TURF PRODUCTS CORPORATION** 47 Howell Road, Mountain Lakes, NJ 07046 *We Specialize in the odd & the unusual* • GRASS SEED • TURF TOOLS • COURSE ACCESSORIES

• FUNGICIDES • HERBICIDES • TURF EQUIPMENT Call us at: 201-263-1234

# Essex Fells C.C. site of 1996 State Open

The 76th Open Championship of the New Jersey State Golf Association will be played at Essex Fells Country Club, July 16-18, with the Challenge Cup played the day before, July 15. An estimated 120 golfers will vie for the \$50,000 purse made possible by the new sponsorship of Lincoln Mercury. Ed Whitman of Knickerbocker Country Club, a two-time Open Champion, will defend his title at Essex Fells, which is celebrating its centennial in 1996.

"We are delighted with the participation of Lincoln Mercury," said Edward J. Batta, NJSGA president. "It is a natural expansion of the presence that Lincoln Mercury has already established in New Jersey through the New Jersey PGA's Players Championship. The Open is the catalyst in generating the funds for our Caddie Scholarship Foundation, now in its 50th consecutive year of operation. Lincoln Mercury is a most welcome partner in this program."

The Open has been played twice at Essex Fells since its inception in 1921. In 1946, the legendary Jack Mitchell of Essex County Country Club defeated Johnny Kinder of Plainfield Country Club, and in 1982, host professional, Russell Helwig won his second Open Championship by one stroke over amateur great Jeff Thomas.

"Lincoln Mercury is proud to sponsor the Open. It affords us the opportunity to support the New Jersey State Golf Association and their good work with caddie scholarship and youth," said Lincoln Mercury Marketing Manager Mary Beth Childs. "With the Challenge Pro-Am, we have occasion to raise funds to assist young people in learning to play the game under professional instruction."

The Challenge Cup Pro-Am is open to New Jersey corporate teams of three who will teamed with top professionals, playing the Open course the day prior to the start of the Championship. Over the past two years the NJSGA Youth Foundation has sponsored over 200 youngsters in the national program, Hook a Kid on Golf. Further, in conjunction with the New Jersey PGA, it has put on clinics for inner-city youth featuring trick shot artist, Dennis Walters.



Atlantic Mills, Inc.

P.O. BOX 680 ASBURY PARK, NEW JERSEY 07712

IN NJ (908) 774-4882 FAX (908) 775-3288 OUTSIDE NJ (800) 242-7374

## TEE TO GREEN ACCESSORIES, MAINTENCE & SAFETY ITEMS!

YOUR NEW JERSEY MANUFACTURER WITH ONE STOP SHOPPING. FOR CATALOG AND PRICING INFORMATION CALL 800-242-7374



### FOR THE BIRDS

Audubon of New York is now Audubon International. The efforts and influence of this organization have for years been felt beyond New York, and recently it has changed its name to reflect that. Many New Jersey golf courses have participated in programs with the Audubon group. The mission is now divided into major efforts in research and education and conservation assistance.

### USGA RESEARCH IN NEW JERSEY

This year the USGA will sponsor 38 turf research projects in the United States. It selected Rutgers for three of these projects: Dr. Reed Funk for cool season turf breeding project; Dr. Kobayash for summer patch; and Dr. Day for herbicides and disease work. That's a WOW for RU!



### JURASSIC PARK IN NEW JERSEY

Somewhere in Woodbridge, New Jersey, is one of the world's greatest treasures of amber. It is being excavated by experts from the American Museum of Natural History in New York and Morris Museum in Morristown. They found a feather preserved in amber dating



back 94 million years; ants back to 90 million; the oldest known mushrooms and primitive flowers all locked into that brown goo we call amber. *Amber in Nature* is a 146 specimen display at the Museum of Natural History through September 2, 1996. Don't miss it. The museum is located at Central Park West and 79th Street in Manhattan.

### **A PLAGUE OF LOCUSTS**

Over 60 nations in the Middle East, Asia, and Africa are threatened by locust plagues. Swarms of these grasshopperlike insects can devour in one day crops that could feed ov 100,000 people. Up until recently the only defense was a massive aerial attack on these swarms using pesticides. Normally locusts live a solitary existence. The swarming phase of its life cycle is when it does most of the crop damage. Research workers from Oxford University have determined how to prevent swarming using pheromones. Experiments have shown that swarms treated with the appropriate pheromone break into small groups and disperse. Birds will attack the small groups but not the swarms. Equally important the locusts immune system is weakened by the pheromone making them more susceptible to pathogens.



## **PATRON DIRECTORY**

AGR-EVO USA CO. Manufacturer of Fine Turf Chemicals Shaun M. Barry (908) 846-8173

AGRO-TECH 2000, INC. Axis/Break-Thru/Biosafe Peter Van Drumpt - Chris Des Garennes Rich Brandel, (800) 270-TURF

ALPINE, THE CARE OF TREES Complete tree care Michael Cook; (201) 445-4949

AQUA-FLO, INC. Irrigation Equip. Distrib. Phil DeMarco - Jerry Purcell (609) 561-1777

AQUATROLS CORP. OF AMERICA Manufacturer of Water Management Products. Andy Moore - Phil O'Brien (800) 257-7797

ATLANTIC MILLS INC. Tee Accessories, Towels, Detergent Peter Reitmeyer - Jack Brady - Laura Gammel (908) 774-4882

JAMES BARRETT ASSOCIATES, INC. Irrigation Consulting & Design Jim Barrett; (201) 744-8237

BLUE RIDGE PEAT FARMS Topdressing, Bunker Sand, Instruction Mix Jene Evans; (717) 443-9596

BRUEDAN CORP. Golf Cars Peter Siegel - Michael Gesmundo (800) 535-1500

BARENBRUG USA/GARFIELD WILLIAMSON DIVISION Turfgrass Seed Supplier John Farrell, Scott Mearkle (201) 209-0088

ALAN G. CRUSE INC. Golf Course Materials Alan Cruse - Jim Cruse; (201) 227-7183

DE BUCK'S SOD FARM Growers & suppliers of golf quality turfgrass sod Leonard M. DeBuck; (914) 258-4131

DOUBLE EAGLE EQUIPMENT CO., INC. Professional Turf Equipment Clyde Ashton - Jerry Pearlman (908) 329-9292

E/T EQUIPMENT COMPANY John Deere, "Distributors of Quality Turf Equipment" Bernie White Tom Fallacaro; (914) 271-6126

EARTH WORKS, INC. The Soil Restoration Specialists Patrick Lucas, CGCS - Erik Zars 00) 815-1113; (203) 698-0030

EARTH WORKS Manufacture of Natural Organic Products

Joel Simmons; (800) 732-TURF

#### EGYPT FARMS, INC.

Greens Topdressing, Tee Divot Mix, Construction Mixes, Aqua Aid Wetting Agents, Bunker Sands, Shaws Fertlizers Gary Ackerson - Dean Snyder - Ray Bowman; (410) 335-3700; (800) 899-7645 Fax (410) 335-0164

FERTL-SOIL TURF SUPPLY, INC. Suppliers of Golf Course Supplies, Top Dressings, and Construction Soil Marty Futyma - Cathy Futyma (908) 322-6132; Fax (908) 322-6332

FINCH TURF EQUIPMENT INC. & John DEERE ALLIED PRODUCT Sam Baird - Ray Finch - Michael McLaughlin (800) 875-8873; FAX (215) 721-2833

FISHER & SON CO., INC. Turf & Horticultural Supplies Alan Phillips; (609) 478-6704

FLANAGAN'S LANDSCAPE-IRRIGATION CONTRACTOR, INC. Building Greens, Tees & Irrigation Robert J. Flanagan, Sr. - Roger P. Flanagan, Jr. - Christine Flanagan (908) 469-7782

GOLF CARS, INC. Club Car Golf Cars and Utility Vehicles, Sales, Service Jon F. Schneider, Genl. Mgr. - John A. Czerwinski, Sales - Linda A Szymanski, Sales Manager (215) 340-0880; FAX (215) 340-1634

GRASS ROOTS, INC. Golf Course Supplies Ken Kubik - Jay McKenna - Keith Kubik (201) 361-5943

**REES JONES, INC.** Golf Course Design Rees Jones; (201) 744-4031

STEPHEN KAY, GOLF COURSE ARCHITECTS Renovation, Master Planning, New Course Design Stephen Kay - Ron Turek - Doug Smith (914) 699-4437; FAX (914) 699-4479

KOONZ SPRINKLER SUPPLY INC. Distributors Turf Irrigation William F. Koonz, Jr. (201) 379-9314

LEBANON TURF PRODUCTS Fertilizer Manufacturer-Grass Seed John Wiblishawer - Chris Zelley Alan Kulibaba (800) 233-0628; NJ (215) 639-1334

LESCO, INC. Manufacturer & distributor of green Industry products Greg Moran - Lance Seeton (800) 321-5325

LEON'S SOD FARMS Sod Grower Samuel Leon; (908) 996-2255

LOFTS SEED INC. Grass Seed Company John Morrissey - Dr. Richard Hurley -Mary Beth Ruh; (800) 526-3890 LONGO INDUSTRIES

Electric Motor/Pump Repair/Sales Bob Tal - Bob Clader (201) 539-4141

RALPH MCGILLAN EXCAVATING Lakes & Ponds Ralph McGillan; (609) 655-2281

JOSEPH M. MERCADANTE, INC. Paving, Excavating, Cart Paths, Tee and Trap Construction, Golf Course Construction Joseph Mercadante - Robert Mercadante (201) 467-8622; FAX (201) 467-8419

METRO MILORGANITE, INC. Turfgrass Supplies Rick Apgar - Scott Apgar - Joe Stahl (914) 666-3171; FAX (914) 666-9183

MONTCO/SURF-SIDE/ZAP! Wetting Agents & Zap! Defoamer Bob Oechsle; (800) 401-0411 (215) 836-4992; Fax (215) 836-2418

MUNTHERS SPRAYING SERVICE INC. Complete Golf Course Turf Spraying Larry Munther; (201) 540-9764

NATIONAL SEED COMPANY Lawn & Specialty Seeds Ken Griepentrog - Sky Bergen -Barry Van Sant; (800) 828-5856

P & P EXCAVATING INC. Excavating, Ponds & Lakes Bob Laner (201) 227-2030; (201) 227-2819

PARTAC PEAT CORPORATION Top-Dressing & Construction Mixes, Golf Hole Targets, Turf Blankets & More Jim Kelsey; (908) 637-4191

PAVALEC BROS. GOLF COURSE CONSTRUCTION CO., INC. Golf Course Construction Anthony Pavelec; (201) 667-1643

PENNINK ARRMOUR INC. Golf Course Restoration & Construction Tom Ristau; (215) 659-6411 Fax; (215) 659-9317

**RHONE-POULENC/CHIPCO** Turfgrass Chemical Manufacturer Greg Hutch; (908) 929-4657

PLANT FOOD COMPANY, INC. Manufacturer of Fluid Fertilizers Ted Platz - Anthony "Rip" Rippel (609) 448-0935; (800) 562-1291 FAX (609) 443-8038

PRO-LAWN PRODUCTS INC. Professional Turf Seed, Fertilizer & Chemicals Craig Lambert; (201) 663-3368 Ingrid Kern; (215) 750-1732 Brad Simpkins; (609) 758-7620

GEO. SCHOFIELD CO., INC. Golf Course Materials, Topdress, Rootzone Bunker Sand, Gravel & Landscape Materials. Kevin Schofield Robert Carson - Thomas Casmer (908) 356-0858 **RIGGI PAVING INC.** 

Asphalt Paving & Concrete Contractors Frank S. Riggi, Sr. - Frank S. Riggi (201) 943-3913

SEACOAST LABORATORIES/TWIN LIGHT FERTILIZER & SEED COMPANY Fertilizers, Grass Seed Gerald Fountain, Richard Baker; (908) 438-1300

THE SCOTTS COMPANY - PROTURF DIV. Turf Fertilizers, Growth Regulators, Seed & Protectants; Fran Berdine, (914) 361-4105 Steve Rudich, (610) 253-4003, Jim George, (800) 543-0006

SHEARON ENVIRONMENTAL DESIGN Golf Course Design and Construction Chip Kern (609) 466-0666; (215) 828-5488

STORR TRACTOR COMPANY Turf Equipment, Irrigation, Environmental Products & Service Phil Scott, Paul Granger, Dr. Karen Plumley; (908) 722-9830

WILLIAM STOTHOFF CO. INC. Well Drilling & Pump Repairs David C. Stothoff - William E. Snyder (908) 782-2717

STULL ENTERPRISES T/A STULL EQUIPMENT COMPANY Industrial Turf Equipment John Barrow - Charles V. McGill, Jr. (610) 495-7441

SWEENEY SEED COMPANY Turfgrass Seed Jeffrey Shockley - Andrew Sweeney (215) 275-2710

**TEE AND GREEN SOD INC.** Sod Supply and Installation. Owen Regan - David Wallace (401) 789-8177

THE TERRE CO. OF N.J., INC. Golf Course Supplies Brian Feury - Byron Johnson -Pat O'neil (201) 473-3393

TURF PRODUCTS CORP. Golf Course Supplier Buddy Rizzio - Ron Lake - Jim Dempsey (201) 263-1234

WA CLEARY CHEMICAL CORP Turf & Horticulture Chemicals Bryan Bolehala - Mike Bandy (908) 329-8399

WILFRED MCDONALD, INC. Turf Equipment Specialists Dennis DeSanctis - Blair Quin - Mike Pelrine (201) 804-1000

STEVEN WILLAND INC. Turf Equipment Distributor Mark Ericson - Bruce Pye - Bill Rapp (201) 579-5656

• New Patrons for 1996

What do the superintendents of these prestigious golf courses have in common? They use the services of...

# **KOONZ** SPRINKLER SUPPLY and

R

### SERVICE EXCELLENCE

Complete inventory
Service assistance and technical support
30 years of service to the golf industry

## **QUALITY PRODUCT LINES**

Distributors of: • Nightscaping • NDS Drainage Products • ADS Drainage Products



Keeping the golf world greener.™

Kss



To Grow On





KOONZ Sprinkler Supply, Inc. Golf Division • 201-379-9314

39 Waverly Avenue, P.O. Box 55, Springfield, NJ 07081 • 201-379-9314 Fax 201-379-6504 2479 Yellow Springs Road, P.O. Box 433, Devault, PA 19432 • 610-647-1604



For sales information in Northern New Jersey/Southern New York State please call **Bill Koonz, Jr.** or for Southern New Jersey/Eastern Pennsylvania sales please call **Robb Werley**