

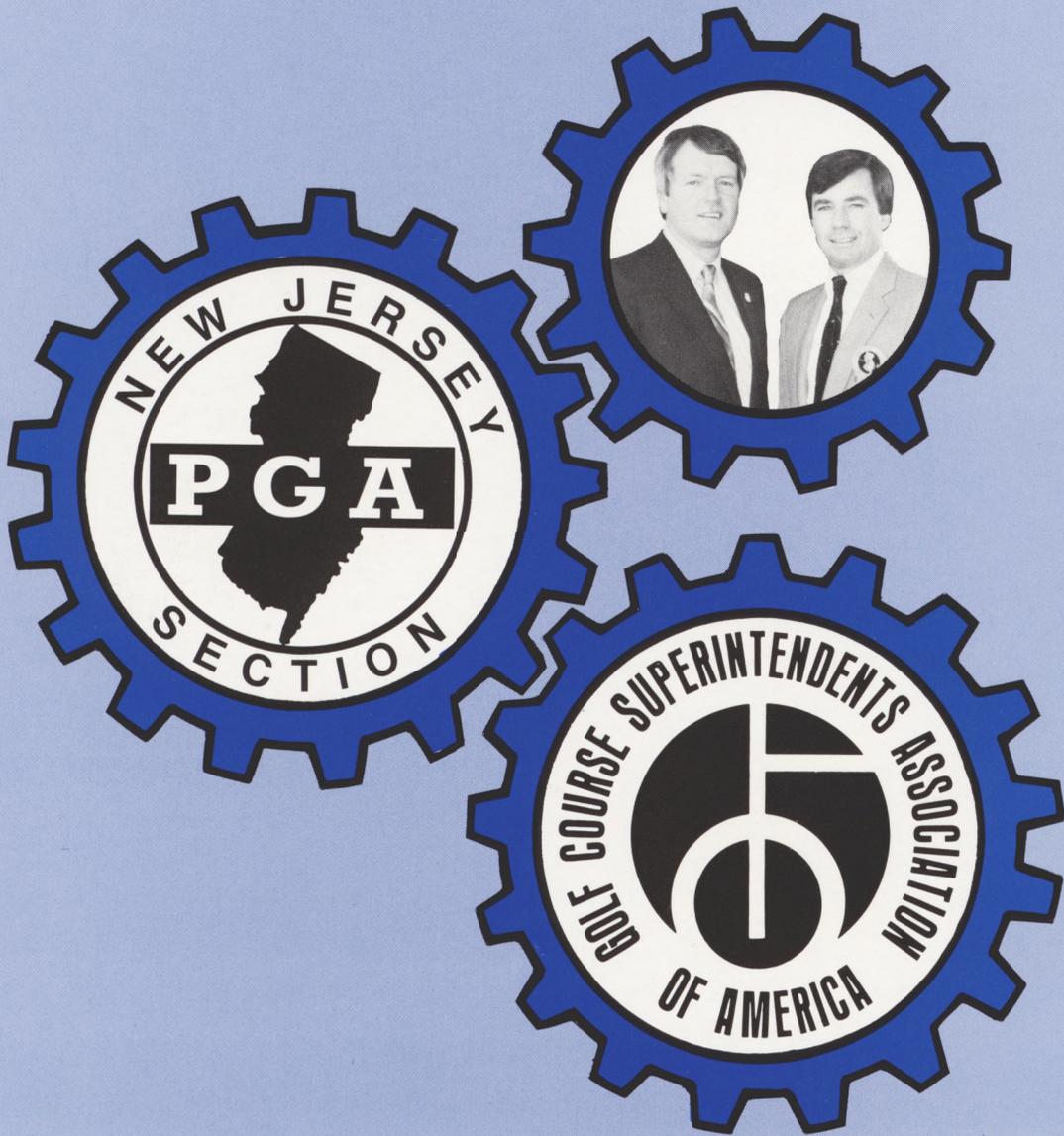
file

THE GREENER SIDE

Vol. 11 No. 2

March-April

Official Publication of the
Golf Course Superintendents Association of New Jersey



THE GREENERSIDE

GCSANJ Newsletter is published six times a year by the Golf Course Superintendents Association of NJ, P.O. Box 231, New Brunswick, NJ 08903.

Ilona Gray, *Editor*

Bruce Cadenelli, *Associate Editor*

Jeff Allen, *Editorial Staff*

Ken Kubik, *Special Projects*

Glenn Miller, *Business Editor*

Bruce Peeples, *Associate Business Editor*

Please address inquiries to THE GREENER-SIDE, Editor, P.O. Box 3672, Wayne, NJ 07474-3672.

For Ad Placement: P.O. Box 241, Brielle, NJ 08730.

Art and Typography by BACKES—Graphic Productions, Inc., Hopewell, New Jersey

© 1988 THE GREENERSIDE

GOLF COURSE SUPERINTENDENTS ASSOCIATION OF NEW JERSEY

Cook College—Rutgers University
Box 231, New Brunswick, NJ 08903

Officers:

Ed Walsh, CGCS, *President*

Steve Finamore, CGCS, *Vice President*

Dave Pease, *Secretary*

Wayne Ballinger, CGCS, *Treasurer*

Bob Ribbans, CGCS, *Past President*

Directors:

District 1

John Wantz, CGCS

District 3

Gerald Fountain

Bruce Cadenelli

District 2

Chris Carson

District 4

Leonard R. Forlenza

Thomas Grimac

Executive Director:

Dr. Henry Indyk

Opinions expressed on this page are opinions of the authors and do not express the opinions or policies of the GCSANJ board and membership.

FRONT COVER: (Left to right) Ed Walsh, President, GCSANJ and Russ Helwig, President, PGA

INDEX

Editorials	2
President's Message	3
Willet Wilt	3
GCSANJ News	4,5
GCSAA Conference & Show ..	6,7
IPM & Golf Course Supt.	8
Meet the Patron	9
Superintendent Profile	10
Roughly Speaking	10
Back-9	12,13
Calendar	14
Patron Directory	15

EDITORIALS

"LOOKING FORWARD"

THE RECENTLY ELECTED PRESIDENT of the GCSAA, John Segui, was asked to comment to the readers of the Greenside on his upcoming year as president. I have duly recorded his words which appear below:

"I certainly do look forward to the coming year as President of the Golf Course Superintendents Association of America with great anticipation and a sincere desire to continue the progress that the GCSAA has made in the golf industry. To represent the GCSAA at as many functions as possible, to continue the communications with the allied associations in golf, to encourage all superintendents to become actively involved in this great industry of ours whether it is on the local level or national level, the rewards far outweigh that little extra work it takes to be involved. I hope this coming year is great for all and I promise as your president to do my very best. Thank you for this opportunity"... Sincerely, John Segui, CGCS, Waynesborough Country Club, Paoli, Pa.

I am sure the GCSANJ would join me in wishing John A. Segui, the very best in his year as president to the 7,500 member Golf Course Superintendents Association of America.

I.F.G.

THAT OLD TRAP AGAIN

AS WE SUPERINTENDENTS begin to gear up for another season the Board of GCSANJ has been working diligently over these "off" months to keep our Association on track and moving forward. Chris Carson has developed numerous educational opportunities for the remainder of '88 and into 1989. Steve Finamore and his Club Relations Committee have done a wonderful job of promoting the value and professionalism of the superintendent. Like GCSAA, our state Association is vibrant, active, and meeting a majority of the membership needs.

But, we are seeing the signs of that old trap again developing? The trap of simply having too few people actively involved in running the Association affairs. We currently have two vacancies on the District Director level; Steve Finamore has become Vice-President which creates an opening in District 1, while the resignation of Paul Kuehner has made a spot available in District 2. We now need people to come forward and take an active leadership role in our group. We function best, like any golf course maintenance staff, with a full compliment of individuals in place. Involvement is stimulating, fun, and personally rewarding. It will enhance your standing at your club, and in the eyes of your peers. Call anyone on the Board now and get involved. Like the services, we are looking for a few good people!

B.E.C.

President's Message

When the District concept was first developed in our State, it was met with much enthusiasm. Initially, all eight Districts were strong and we experienced tremendous growth. For no apparent reason, the interest level dwindled and after a few years the concept was changed to our present four District set-up. It is time again to evaluate our District concept.

Conceptually, the idea is great. Practically, it is not functioning. I have given many hours of thought to this problem and have discussed various alternatives with present and past Board members. With their help I am going to ask that the following proposal be submitted to the general membership at our annual meeting at the end of this year.

I would like to see one mandatory director from each District and four at-large directors. This would provide representation from each District but also give members who want to serve on the Board the opportunity to do so. Yes, we may have three members from District I on the Board or Yes, we may have four members from District III serving on the Board, but the important thing to realize is the four at-large directors are there because they want to be.

Ideally, we would hope that each District would propose a second Board member. I am hopeful this by-law change would create a somewhat competitive situation. Is there anything wrong with six members running for four Board positions? If District I wanted two members on the Board, they would have to actively campaign for their second at-large candidate. If District IV had three members who wanted to serve on the Board, then District IV would have to campaign for their two at-large directors and attend the annual meeting to support those two individuals.

It is unfortunate, but we still hear "I am only on the Board because no one else wanted to do it." As your President, I must admit I am really sick and tired of that response. We need the best people possible. We need people who want to be there.

We are moving at a rapid but controlled pace. Our Survey/Club Relations and Research & Scholarship Committees are making tremendous advancements. We cannot get bogged down by commitments that cannot be fulfilled.

I ask each and every member to consider this proposal. I do not suggest we abandon the District concept. Our own District III is the best example of what this concept can accomplish, strength at the local level and effective Board representation.

We must continue, as we have in the past, to evaluate each and every area of the GCSANJ operation. If we are to continue to grow, we must be ready to make the changes necessitated by that growth. ■

Edward Walsh, CGCS, President

Willet Wilt says:

"THE BANQUET CIRCUIT"



We are in the tail end of the seminar/banquet circuit season, which is how we fire up in order to face what Mother Nature will wreak upon us in the spring. This column is dedicated to the memory of the Golf Course Superintendent who left the house with one of those self-enclosed set of directions to a banquet seminar in February and never has been heard from or seen again.

If you embark on this winter banquet tour, you'd better be ready to feast on prime-rib, string beans almondine, a twice-baked potato, and vanilla ice cream with chocolate syrup. By the time you get to March, you are hoping to be served a cheeseburger, potato chips, and a Pepsi.

Your table selection is always a high stress moment—especially if you have to sit through a meal as well as a speaker with the same people. It's a real downer when you realize that you just shared the same water glass with the guy next to you who appears to be dying from the flu. Then there's the fellow on the other side of you who came right from work where he plowed snow all night and is now apologizing for not having a chance to change.

Another high stress moment is when you must stay to hear the last speaker and it is snowing to beat the band. How about the time when there is an excellent program set up and it snows? Just about everyone makes it but the speakers.

A moment that sets you to wondering is when for the third consecutive year the fellow who wins the "Man of the Year Award" states that he could not have done it without you—and you have yet to win.

Your stomach drops to your feet when you discover you have been chosen to sit at the head table, and it happens to be the one day you forget your tie plus your socks don't match.

Willet Wilt's speaker's bureau list of irrelevant subjects is available from Ken Kubik, P.O. Box 336, Mt. Freedom, NJ 07970. For a nominal fee, Willet Wilt himself will speak on any insignificant subject you wish. ■



est. 1978

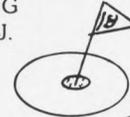
KEN KUBIK
(201) 361-5943

BERT JONES
(201) 686-8709

JOSEPH M. MERCADANTE, Inc.

PAVING, EXCAVATING
SOUTH ORANGE, N.J.

762-1195



PARKING LOT AND
CART PATH

CONSTRUCTION

DRAINAGE SYSTEMS
TEE BUILDING
GRADING



Essex County Country Club in May

May will see GCSANJ travel to Essex County Country Club for its monthly meeting. Essex County, which in '87 celebrated its 100 birthday, hosted both the State and Open and MGA Ike Championship last year. The present course is a design combination of **Seth Raynor**, **Tillinghast** and **Donald Ross**. The back nine at Essex County is an especially difficult challenge. Turf cover at the club is a combination of ryegrass, bentgrass, and poa.

Our host will be G.M./Superintendent **John Schoellner**. John, a graduate of Penn State Univ., came to Essex County in 1977. In '85 he assumed the position of Gen. Manager. Before coming to Essex County John spent much of his career at Beacon Hill Country Club and in the Monmouth County Park System.

John's number one assistant at Essex County is **Paul Eckert**. Paul, a graduate of the Rutgers turfgrass program, has been at the club since '79. Paul began his career at the club as a part-time high school worker and has since worked his way up the ranks.■

LPGA Chrysler-Plymouth Classic

GCSANJ will again comprise the transportation committee for the '88 Chrysler-Plymouth Classic, to be held in May at Navesink Country Club. A district director will be calling in April to request your participation in this event. Plan now to give some time to this worthwhile endeavor.■

Remembering Our Life Members

Each year, during the Holiday season, GCSANJ stops to remember its retired Life members and to say thanks for all their years of service to the association. As a group we send either flowers or fruit baskets to all these individuals.

Following are just two of the many letters of thanks we receive from the retired members. Nothing more needs to be said.■

Dear Fellow Members:

Once again I was pleasantly surprised and delighted to receive your Holiday gift of beautiful flowers. To me it's more appropriate to receive them while still alive: (I'm now 92 years old) rather than after my demise. I don't believe they would smell or look as sweet.

While the organization's principal interest is developing and growing grass; I should say that it is also doing a very good job on flowers.

Many thanks and best wishes to everyone for a successful year and greener grass.

Sincerely,
Wilfred MacDonald

Dear Dr. Indyk,

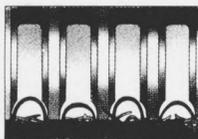
Thanks to all for the beautiful fruit basket. I think of you and the association often. I am now 92 years old but still care for our own lawn.

Mr. Frank Votta

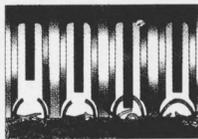
April Meeting

The April meeting will be held on the 19th of the month at the Atlantic City Country Club. Our host is Doug Fraser. This will be a joint meeting with the Philadelphia Golf Course Superintendents Association. The speaker for the evening will be Jim Stanley, Regional Director for OSHA. Jim will address the topic of work place safety. We look forward to this meeting with the Philadelphia Chapter.■

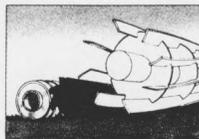
Improve your putting surfaces with the Greens King® IV and Turf Groomer™.



Exclusive roller design features bevelled edges to "pucker-up" horizontal runners.



The knife blades rotate through slots in the front rollers, slicing horizontal runners before they lie down.



The horizontal reel follows closely behind to clip grass while it's standing straight, for faster, truer greens without lowering height of cut.

Golfers will notice the difference.

JEP

Sales Inc.

211 Yardville-Hamilton Square Rd.
P. O. Box 11126
Yardville, New Jersey 08620
609-585-2300

Specialists in Turf Maintenance Equipment

NEW 3336^{WP}

In Water Soluble Bags

- SAFE
- CONVENIENT
- ECONOMICAL



WA-CLEARY CHEMICAL CORPORATION

1049 Somerset Street, P.O. Box 10
Somerset, NJ 08873 (201) 247-8000

Toll Free Numbers:

1-800-524-1662 (East of Mississippi)
1-800-524-1663 (West of Mississippi)

New Members

Please join me in welcoming these five new members into the Golf Course Superintendents Association of New Jersey.

These members were taken in at the January 21, 1988 meeting. Shirley Talmage, Jim Koenigs, Forrest Arthur, Sal Barone, Dennis Krychowewy. ■

Meetings

April 19, meeting at Atlantic City Country Club. Match between New Jersey and Philadelphia, 5 man teams, prizes for low gross and low net.

May 17, meeting at Essex County Country Club. Two man best ball. Eligibility requirements for 6 man team tournament in the fall –

12 handicap or less must play golf and post scores in at least two meetings during year. ■



AUTOMATIC IRRIGATION SERVICES

QUALITY IRRIGATION SERVICE AND DESIGNS

WILLIAM D. HOWELL

168 MAIN STREET
CHATHAM, NJ 07928
201 - 635 - 7569



SERVICE ON ALL BRANDS
ON SITE CONTROLLER REPAIRS
WIRE FINDINGS
OBJECTIVE CONSULTING
CALL BILL FOR PROMPT SERVICE

PAVELEC BROS. GOLF COURSE CONSTRUCTION Co. Inc.

98 Evergreen Avenue
Nutley, NJ 07110

*Specializing in all
phases of Golf Course
Construction*

Field Drainage/Landscaping
Excavation

Tony Pavelec (201) 667-1643
Emil Pavelec (201) 939-6182

Consider the advantages of **Rebel** sod

TURF TYPE TALL FESCUE

Trap banks and edges, green and tee banks and areas along cart paths need special attention. Or even those traffic areas around the club and halfway houses. Consider Rebel sod:

- Holds up better than Kentucky bluegrass
- Requires less irrigation compared to Kentucky bluegrass
- Requires less fertilizer than Kentucky bluegrass
- Heat tolerant
- Excellent dark green color
- Greater disease resistance than most other turfgrasses

In tough areas or wherever you want good-looking turf and less maintenance. Use Rebel sod.



Lofts Seed Inc.

World's largest marketer
of turfgrass seed
Bound Brook, NJ 08805
(201) 356-8700 • (800) 526-3890

Available through:

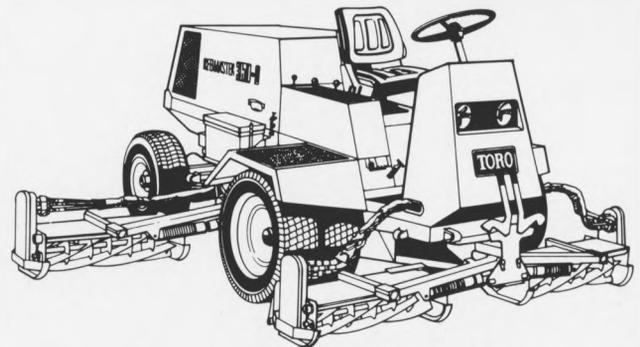
S. Novasack Bros. Turf Farm
South Seaville, NJ
(609) 263-2400

Tuckahoe Turf Farms
Tuckahoe, NJ
(609) 628-2415

Bohm's Sod Farm
Woodbine, NJ
(809) 861-2785

"Isn't it strange how some people who don't even know their next-door neighbors are curious about life in outer space?"

Keep on Cutting with the Reelmaster® 350-D.



You need a stable machine when you're tackling tough terrain. On bumpy ground. On steep hillsides. Around obstacles. Through dense, wet grass. You need the 5 or 7 bladed Reelmaster® 350-D. Its mid-mounted engine and wide stance create a low center of gravity. And its even weight distribution and six oversized 4-ply tires keep you cutting even on hillsides. See the Toro distributor below for details.

STORR TRACTOR CO.
Somerville, NJ 08876
201-722-9830



GCSAA Conference & Show

HOSPITALITY

The Houston Conference & Show marked the first, of what we trust will be many, regional hospitality suites. The four superintendent associations that joined forces were the Connecticut, Metropolitan, Long Island, and New Jersey groups. The suite was both well run and well patronized. We thank all those who assisted in the set-up of the suite, as well as those who came by to enjoy an evening of good fellowship.

Besides being a co-operative effort among four superintendent associations, it was also a co-operative effort among superintendents and many of our commercial friends and supporters. The following New Jersey companies contributed monies to make the effort a success:

Aqua-Flo, Inc.
Aquatrols Corp. of America
Double Eagle Equipment Co.
Eqypt Farms Inc.
Fertl-Soil Turf Supplies
George Schofield Co.
Grass Roots
Jonathan Green
JEP Sales
Bunton Turf Products

Koonz Sprinkler
Lebanon Chemical
Loft Seed, Inc.
Montco/Surf-Side
Steven Willand, Inc.
Storr Tractor Co.
The Terre Co.
Vaughan's
W.A. Cleary Co.
Wilfred MacDonald, Inc.

We give an honest and sincere thank you to all these companies. We truly appreciate their support and friendship.■

RECAP

I found the style and architecture of the Brown Convention Center to be quite appealing. The color scheme, and overall feel of the building was warm. It will be interesting to see this Center in a few years when the City of Houston has developed the areas around the convention center. I suspect it won't be another twenty years before we again return to Houston.

Each year we think the trade show cannot get any larger, but come the following year the show has indeed grown. We are in a very real sense the victims of our own success. An enviable position to be sure. Is the day far away when our show spills over into a second nearby exhibition area?

I think we made this statement last year but it seems that every equipment manufacturer is making some sort of aerifier. I didn't know that much aerification went on in the business.

Two of the finest individuals around are Ken Mangum of Georgia and David Stone of Tennessee. It's a pleasure to see them each year at Conference.

It's interesting to note that 35% of the floor space is already sold for the Anaheim Conference. Looks to be another big show.

Sky Bergen, at the request of The Greenside staff, kept a list of all the New Jersey people he saw in Houston. The list is quite complete and topped out at 81 names. A good showing from the Garden State.

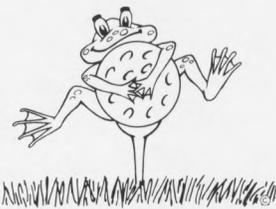
The Black Layer Follow-up Forum attracted another capacity crowd. Is the problem that wide spread or are many of us running a little scared?

Dr. Jerry Wycoff gave an excellent presentation on parenting during one of the major speaking sessions. The discussion was both insightful, as well as a pleasant break from all the "turf talk" going around Houston.■

B.E.C.

"Rationalization is a mental technique that allows you to lie or cheat without feeling at all guilty.

PARTAC[®] GOLF COURSE TOP-DRESSING



AMERICA'S PREMIUM TOP-DRESSING
HEAT TREATED

AVAILABLE IN BULK OR BAGS

ALSO HIGH-SAND MIXES, CONSTRUCTION MIXES,
AND DIVOT REPAIR MIXES

DISTRIBUTED IN N.J. BY:

FARM & GOLF COURSE SUPPLY
HOWARD SCOTT, 215-483-5000

PRO-LAWN PRODUCTS
ANDY MULICK, 201-967-9124
INGRID KERN, 215-750-1732

TURF PRODUCTS CORP.
ERNIE RIZZIO, 201-263-1234

FISHER & SON CO.
FRANK FISHER, 215-644-3300

GRASS ROOTS TURF PRODUCTS
KEN KUBIK, 201-361-5943

JONATHAN GREEN & SONS
RIP RIPPEL, 201-566-6540
ED BARBANO, 609-848-0551

PARTAC PEAT CORPORATION
KELSEY PARK, GREAT MEADOWS, NEW JERSEY 07838
201-637-4191

PLANT FOOD COMPANY, INC.:

- Manufactures and applies liquid fertilizers and limestone
- Offers complete soil testing analysis with recommendations.
- Sells fertilizer tanks, pumps, nozzles, and other liquid handling products for fluid fertilizers.

Phone Bill Smith For
Further Information ...
(609) 448-0935



PLANT FOOD COMPANY, INC.
Hightstown-Cranbury Station Road
Box 173, Cranbury, NJ 08512

COMMERCIAL VIEWPOINT

Excitement, anticipation, anxiety, and drudgery might best describe the feelings of one from the commercial side of the golf course industry as the annual golf show approaches. Excitement in anticipation that one of the manufacturers that one represents might have a surprise introduction that will set the industry in its ear. Anxiety that a competitive manufacturer may do the same. Drudgery at the prospect of long hours spent standing on hard floors trying to pick out recognizable faces in the crowd.

The GCSAA Conference and Show in Houston highlighted new technology in lightweight mowing with Jacobsen's 5-gang greenmower, and turf aeration with the Toro Fairway Aerator. The trend toward diesel power was evident in the Lesco 500D and the Smithco Super Rake diesel. New outfront rotaries from Toro, Cushman, and Jacobsen were introduced. Irrigation suppliers had an increased presence in total number and amount of booth space, and considerable interest was generated by new golf course management tools such as the Neogen Pestcaster and new computer software.

Rumors and scuttlebutt normally abound at the golf shop, focusing on takeovers, mergers, and fallout among the manufacturers. This year was no exception, as the rumor mill churned out talk about Cushman/Ryan, Lesco, and John Deere, among others.

The annual GCSAA show provides for turf distributors a forum in which to meet with manufacturers and discuss market conditions and strategy, and enjoy their hospitality. For many of the smaller manufacturers who do not have annual conventions, the show serves as their only opportunity to gather distributors for a pep talk or to present sales awards. The golf show is also an opportunity for us to entertain our local superintendents as a thank-you for past business, show new products in anticipation of future sales, and thankfully take home a few orders to help defray the expense of the trip. ■

PETER L. McCORMICK

ANNUAL MEETING

One of the final activities at each year's Conference is the Annual Meeting. Since no "hot topics" were on the agenda, it was a quiet and quick meeting. The routine business was handled briskly which led us into the election of officers and directors. GCSAA will be managed by the following individuals in '88:

President	—John Segui, CGCS
Vice-President	—Dennis Lyon, CGCS
Secretary/Treasurer	—Gerald Faubel, CGCS
Directors	—Joseph Baidy, CGCS (two year term)
	—Bill Roberts, CGCS (two year term)
	—Ken Sakai, CGCS (one year appointment)
	—Steve Cadenelli, CGCS ('88 is 2nd year of his term)
	—Randy Nichols, CGCS ('88 is 2nd year of his term)
Past President	—Don Hearn, CGCS

It should be noted that Jerry Faubel was elected to the Board for a two year term; was then selected to be Secretary/Treasurer by President John Segui. ■

B.E.C.

REGIONAL SEMINAR

It's time to mark your calendar for the next regional seminar jointly sponsored by GCSANJ & GCSAA. Insect Pests of Turf and Ornamentals, a two day seminar, will be held in New Jersey on March 8 & 9, 1989. Chris Carson is again working with our national association to set up this program. More details will follow as the year develops. ■

B.E.C.

"Exhilaration is that feeling you get just after a great idea hits you, and before you realize what's wrong with it."

James Barrett Associates, Inc.
**GOLF COURSE IRRIGATION, DESIGN
 AND CONSULTING**
 P.O. Box 853
 Montclair, NJ 07042
 (201) 744-8237

NATURAL ORGANIC FERTILIZER

For use on lawns, shrubs and ornamentals only

Long lasting, will not burn

"The Golf Course Choice"

Milorganite®
 6-2-0
 Activated Sewage Sludge
 METRO MILORGANITE
 Box 267
 Hawthorne, NY 10532

Processed Only By
 Milwaukee Metropolitan Sewerage District
 Milwaukee, Wisconsin

NEW RUBIGAN A.S.
BROAD SPECTRUM FUNGICIDE

- New Liquid Formulation
- New Expanded Label
Lower rates on all the types of patch disease
 Anthracnose
 Ornamentals
- New Performance Guarantee
- New Lower Case Price

See your local Elanco Distributor for details or call
BOB SCOTT (201) 376-7290
 Elanco Area Representative

IPM AND THE GOLF COURSE SUPERINTENDENT

CHRISTINE CASEY

IPM Agent, Ornamental Horticulture, Rutgers Cooperative Extension

Insect disease, and weed problems are nothing new to the golf course superintendent, and neither are the problems that often accompany the pesticides used to control them. Diminishing effectiveness, increasing cost, and safety considerations are all legitimate concerns surrounding pesticide usage. In response, many agriculture professionals have turned to an alternative pest control strategy called *integrated pest management* (IPM). In New Jersey, IPM programs are developed and implemented by IPM agents, county agricultural agents, and specialists who work for Rutgers Cooperative Extension. While New Jersey vegetable and tree fruit growers have had IPM programs for many years, ornamentals and turf IPM is a relatively new program in our state. IPM programs often use pesticides, but the emphasis is put on keeping pests at low levels through the use of other pest control strategies so that pesticides are used less often, and serious pest problems are prevented. IPM also differs from traditional pest control in that it employs a variety of control strategies, rather than relying on a single strategy (usually pesticides). Some of the different pest control tactics used in an IPM program include:

MONITORING

Traditional pest control programs have been based on the calendar—sprays were applied at certain times of the year, regardless of whether the pest was actually present. In an IPM program, regular plant and turf inspections (about every two weeks) are an essential way to keep track of changes in insect, disease, and weed problems. In addition to plant inspections, insects are monitored through the use of insect traps. Blacklight traps catch insects which are attracted to light, while another type of trap, the pheromone trap, uses a synthetic sex attractant similar to that emitted by the female to attract the male for mating. These traps can indicate when an insect is first present in an area, and how its population is changing. Another

useful monitoring tool for the turf professional is the diagnostic test kits which have been developed for brown patch, dollar spot, and pythium. These enable the superintendent to make a positive disease identification within a few hours. Based on monitoring, pest control decisions can be made according to what pests are known to be present, not on what is thought to be present. Regular monitoring can prevent pest problems because potentially serious infestations can be discovered while they are still minor. It is also possible to keep track of biological controls such as ladybugs when plants are being inspected regularly. Monitoring alerts the superintendents to previously undetected pest problems, so plant and turf quality improves.

In addition to plant monitoring, environmental monitoring is also important. This enables the superintendent to stay aware of the development of environmental conditions which favor a particular disease or insect.

CULTURAL CONTROL

Golf course superintendents are aware of the role that temperature, humidity, irrigation, and fertilization can play in the development of turf diseases. While the first two cannot be controlled, the latter two can be manipulated to help reduce the incidence of diseases. Also, some of the pest problems seen on the golf course are the result of plant stress from either poor soil conditions, poor plant quality, or improper plant siting (wrong amount of sun, soil moisture, etc.). A regular soil test can provide a great deal of useful information which the superintendent can use to prevent pest problems.

PHYSICAL CONTROL

Many pest problems can be prevented with physical means. A weekly washing from a hose will remove many common pests such as aphids, while many insect or disease-infected plant parts can be removed by pruning. Barriers such as burlap tree bands can be effective. Insects such as gypsy moth caterpillars and elm leaf beetles will hide under the bands during the day, where they can be destroyed. Physical barriers such as mulch can also be used to reduce weed levels around landscape plants. Mulch has the additional benefit of increasing soil moisture retention.

BIOLOGICAL CONTROL

There are many naturally-occurring predators and parasites of plant pests. These include the ladybug and the preying mantis, while an example of an introduced parasite is milky spore disease for Japanese beetle grubs. There are many others which are commonly present, but are so small they are seldom seen. When the use of pesticides is limited, natural predators are encouraged since most pesticides will kill these beneficial organisms. The New Jersey Department of Agriculture operates a laboratory in which many of these beneficial organisms are raised for release throughout the state.

PESTICIDES

As mentioned earlier, pesticides are part of an IPM program, but they are used differently than in a conventional pest control program. The monitoring which is part of an IPM program enables the superintendent to pinpoint just those areas of the course where a problem is serious enough to warrant spraying. These spot sprays can represent a great savings in the amount of pesticide applied to a property as compared with a conventional program in which all plants would be sprayed. When pesticides are necessary, an IPM program makes their use more efficient since monitoring lets the superintendent know exactly what the pest is and at what time to apply the pesticide so it will be most effective.

Landscape IPM programs have shown great potential, having reduced pesticide usage up to 70%, while improving plant quality. When monitoring costs are included, this corresponds to a cost reduction of 20-30%.

For more information, contact your county agricultural agent or the author at 609-691-1234. ■



John Deere
**GOLF AND TURF
EQUIPMENT**

JESCO INC.
GOLF AND TURF EQUIPMENT
(201) 782-4444

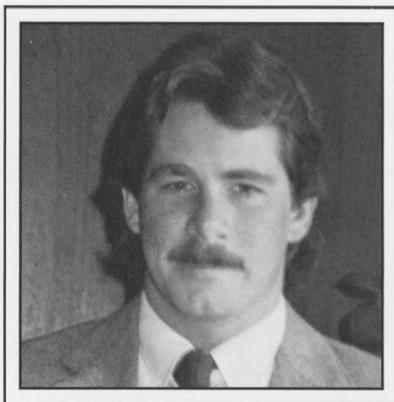
P.O. BOX
RT. 202 & SUMMER RD.
THREE BRIDGES, NJ 08887

Navesink Hosts 1987 LPGA

A press conference was held February 11th, at the Navesink Country Club for the LPGA tour. Ms. Okamoto was the center of attention. Also attending was Attorney General Carey Edwards representing Governor Kean, and a large number from the press. Ms. Okamoto spoke through an interpreter. She said that last year at the open it was difficult for her. She felt that she represented her nation and not just herself. This year the pressure is less, and she looks forward to playing.

Golf in Japan is very popular, but women are rarely players. There are over 1000 golf courses in Japan. Which is very significant in a country where land is so scarce. A round of golf could cost a player \$100-200 at a typical course.

Just prior to moving to the US, Ms. Okamoto was presented with the Prime Minister's Award in Japan. This is like being knight in Great Britain. She was the first woman ever to receive this award.



The Superintendent of Navesink Country Club, Pat O'Neill—LPGA Tournament

The Navesink Country Club's superintendent, Pat O'Neill, is ready for this year's tournament. The presence of Ms. Okamoto will make this an international event and the course will undoubtedly be under great scrutiny. Pat says the club will be ready for the TV and hoopla that goes on at a major event like the Chrysler-Plymouth Open.■

I.F.G.



Ms. Ayako Okamoto Defending Champion of the Chrysler-Plymouth LPGA Tournament at Navesink C.C.

MEET THE PATRON

This month we are pleased to have the W.A. Cleary Chemical Co. as patron of the month. Celebrating its 50th birthday, the Cleary Co. is truly a rags to riches success story growing from a small supplier of lecithin to a candy factory to a leader in the turf industry with international business dealings.

Founded in 1937 by William A. Cleary, the company survived by supplying lecithin, used in the processing of candy products until 1946 when a young chemist named Dr. Paul Sartoretto joined the company and helped change the direction of the company towards what has become today. Around this time Leo Cleary, William's Brother left the company to venture out on his own in a different direction with his own company.

During the years to follow Cleary's was breaking new ground with products such as PMAS (originally used in paper production), DSMA, Caddy (as a liquid). FLUF, 3336, an innovative and controversial tank mixing program and prepackages, premixed combined products (Bromosan).

Over the years many superintendents lives have been made a little easier by these products.

Today the company is owned and operated by Margaret and Barbara Cleary, being pioneers themselves considering how until recently there have been relatively few women who have been in the turf industry much less heading a company like this.

The original food division is still very active dealing and selling worldwide, and the chemical division is not far behind having business contacts in Europe and Asia.

Much of the field testing is done on Tara Greens, the company's own 9 hole golf course.

Other accomplishments include the first sod farms to produce commercially grown Merion Kentucky Bluegrass.

Locally W.A. Cleary's is presented by none other than Shaun O'Barry. Shaun's technical background and golfing process makes him able to relate to the superintendents problems and needs and give friendly but sound advice.

Looking into the future, Cleary's has had an ongoing program where investments are made into 12 different major Universities, selecting "programs of use" geared their products. With an impressive list of past performance and a commitment to the future, W.A. Cleary is today one of the superintendents closest allies.■

JEFF ALLEN

TURFGRASS RESEARCH AT RUTGERS

A major commitment has been made by the Board of GCSANJ to fund a research project at Rutgers beginning in May of this year. Dr. Peter Landschoot, under the direction of Dr. Bruce Clarke, will be doing post doctoral research at Rutgers on the Summer Patch problem. Landschoot has recently received his doctorate from the University of Rhode Island under the supervision of pathologist Dr. Noel Jackson.

Our requirement at Rutgers is to raise \$50,000 over a two year period to fund the salaries for this project. Rutgers University, at a cost of \$55,000, will supply all the lab and field materials needed for this endeavor. These funds will be raised by implementing a multifaceted approach. Our clubs will be asked to make a long term commitment to fund research at Rutgers; allied superintendent associations in the Northeast will be contacted for funding; golf associations in the area will be solicited, and finally our individual members will be requested to donate funds.

It's the belief of the Board that these funds can and will be raised.

Many courses, for the past few years, have been suffering from numerous patch disease problems. Summer Patch (Magnaporthe) is one of the most damaging. This research project is an opportunity for GCSANJ to take the lead in helping the industry fully understand this disease and hopefully develop the control measures we all seek.

We trust every superintendent will get behind this project by both encouraging their clubs to support Rutgers research with a yearly check and also be supporting this project with a personal contribution.

Note: If every member of GCSANJ gives \$25 to this program we would raise over \$9,000. It certainly is not much too ask!

Gerald Fountain deserves a great deal of credit for spear-heading this project on behalf of GCSANJ, along with Dr. Clarke. Our thanks to both of them.■

Superintendent Profile

Bruce Peeples

We are pleased to be profiling Bruce Peeples. Bruce is becoming more active in our association and represents the new generation of superintendents coming along.

Born in Hinsdale, Mass., he got his first taste of Golf Course Management by working at the Waconah C.C. in Dalton Mass. First starting as a seasonal groundsman, Bruce realized that he loved the game and profession and decided to attend Stockbridge School of Agriculture. After graduating in 1975 he continued to broaden his experience by working at such places as Pittsfield C.C., for Dick Bator, and then down to the Naples area on one of the fine Florida courses.

After a few years of wandering around Bruce was hired by Steve Finamore for the assistants position at Hominy Hill.

Completing a few successful years at Hominy, Bruce began to wonder what working in an allied field would be like. In Jan. 1980 he was retained by Storr Tractor as a salesman in the irrigation department. After doing a brief stint in sales Bruce could not resist the call of his true love and, soon there after, was hired by the Monmouth County Park System as the Superintendent of the newly acquired Pine Brook Golf Course. After 8 mos. of solid work Bruce was transferred to Howell Park G.C., as superintendent.

Bruce spent 4 years at Howell. Then in Jan. 1986 he was retained by the Spring Lake G.C. as their superintendent.

In the few short years at Spring Lake Bruce has introduced things as light weight mowing, clipping removal, the use of growth regulators and an ongoing bunker refurbishment program. He was also the host of the 1987 NJ State open.

Recently his wife Janet gave birth to Ellen Peeples rounding out the Peeples roster as now their son Robert, 3, has a playmate.

Bruce also speaks highly of his Assistant, Andy Schuckers. The recently wed Andy has worked out great and has become an asset to the Spring Lake G.C. ■

JEFF ALLEN



Voting Delegate

The Houston Conference was my first year as voting delegate for GCSANJ. It's rewarding to meet the candidates running for office, as well as to mingle with the delegates and alternates from across our land. My hope is that our association again asks me to fill this role in '89 at the Anaheim conference. I also hope that Steve Malikowski continues as our alternate delegate.

One change we'll make for '89 is to hold a caucus of interested members at conference to discuss our voting strategy. A time and place for this meeting will be published in both the Nov./Dec. and Jan./Feb. issues of The Greener Side. As an association we need to take a more active interest in this process.

Hospitality Suite

As stated earlier in this issue Houston was our initial effort in having a regional hospitality suite. My personal impression is that the room went exceptionally well. We had a SRO crowd on Saturday evening, and Sunday night saw us host a slightly smaller gathering. I believe the objectives of the room were realized. It was a place where members, friends, and guests could get together and share an evening of fellowship in a relaxed atmosphere. Mike Wallace and John Streeter, both of Connecticut, deserve praise for their efforts in making the suite a success.

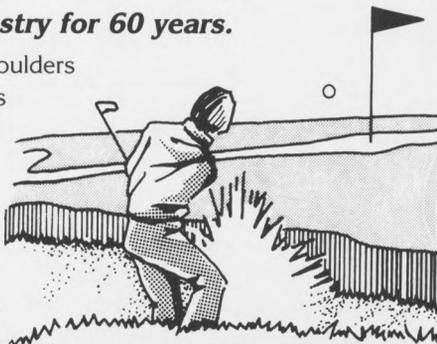
I'm happy to report that a few dollars are left over from the monies collected for the suite. These funds have been set aside and are reserved for our suite in Anaheim in '89. We'll see you there! ■

B.E.C.

Serving the Industry for 60 years.

- Decorative Stone/Boulders
- Landscape Products
- Top Dressing Sand
- White Trap Sand
- Earthlife Products
 - Top Dressing
 - Construction Mix
 - Top Soil

(201) 356-0858



Geo. Schofield Co. Inc. P.O. Box 110
Bound Brook, NJ 08805



RALPH MCGILLAN
Excavating Contractor

Specializing in Lakes & Ponds

Over 25 years experience in building new ponds, enlarging & redesigning existing ponds

(609) 655-2281

17 Stockton Drive, Cranbury, NJ

AQUA-FL[®]

Inc.

Irrigation Systems Designers and Suppliers

Buckner[®]

DISTRIBUTORS

GOLF COURSES

COMMERCIAL

ESTATES

ATHLETIC FIELDS

CUSTOM BUILT PUMPING SYSTEMS

25 YEARS OF QUALITY SERVICE

Aqua-Flo, Inc.

320 Basin Road, Hammonton, NJ 08037

609-561-1777/800-524-0895 (out of NJ)

4155A Westfax Drive, Chantilly, Virginia 22021

The Bunton Greensmower . . .

BUNTON



stands grass up - then cuts it clean.

The Bunton Greensmower's powered rotary brush brings grass to attention, then clips it off cleanly and evenly to give your greens the best grooming they've ever had. And that's just one of this high-quality mower's many features.

This self-propelled mower is highly maneuverable, with finger-tip controls and equally powered dual drive rollers to ensure the straightest possible cut. A hand brake and quick-release removable pneumatic-tired wheels provide easy transportation.

Add to this a quiet, reliable, 4-cycle Robin engine and high-quality construction throughout, and you have a greensmower that's unmatched in performance - anywhere!

Call us for a demonstration.

BUNTON TURF PRODUCTS
4054 Quaker Bridge Rd.
Trenton, NJ 08619
(609) 799-4101



Ciba-Geigy Contributes

Grass Roots Turf Prod., Inc. will present to the GCSANJ a check for \$383.78. The monies became available through a cooperative industry program between Grass Roots and Ciba-Geigy Corporation via the sale of Subdue 2E to golf course superintendents in the metropolitan area. The money is to be awarded by the GCSANJ to the turfgrass programs the association believes will best benefit the golf course superintendents in the area. Our thanks to both Ciba-Geigy and Ken Kubik.

Top Dealer

Storr Tractor Company has another record selling year in 1987, with sales topping the \$18 million mark. The Toro Company recognized Storr Tractor with its silver "Partners in Excellence" award for outstanding achievement in sales and customer service. Storr Tractor was named top dealer in the nation by Olathe Manufacturing, Royer Foundry, and CarMate trailers.

At the company's annual sales award meeting in St. Maarten in January, Paul Granger was honored as Salesman of the Year, according to Paul DesChamps, President of Storr. Members of the Million Dollar Sales Club for 1987 included Gene Tarulli, Ben Cramer, Ken Indyk, Fred Castenschiold, Paul Granger, Dean Chaltas, Tom Armbruster, and Wayne Bartolacci.

Insurance

Contamination and pollution coverage are once again available in New Jersey through the Scottsdale carrier. The Boyarin agency has reported that they now carry an "occurrence" policy which includes all necessary coverages for chemical applicators including tree and turf. If you need more information contact your agent and inquire about the coverage needed for your course and your individual liabilities.

White Grub Complex

Dr. Lou Vasvary of Rutgers University gave his assessment of the white grub complex problem here in New Jersey. He reported that white grubs attract moles and skunks which can do serious mechanical damage to turf. The control of the grubs reduces the impact of the moles. The white grub complex is not some psychological jargon, but refers to the larvae of the Japanese beetle, Oriental beetle, and the Rose Chafer beetle. In the northeastern portion of New Jersey 90% of the grubs are Oriental beetle. The best time to control them is when the larvae are small and in the upper two inches of soil. August and September are the best application times for control of the Japanese beetle larvae. Dr. Vasvary said that the Oriental beetles are more difficult to spot because they are night time feeders.



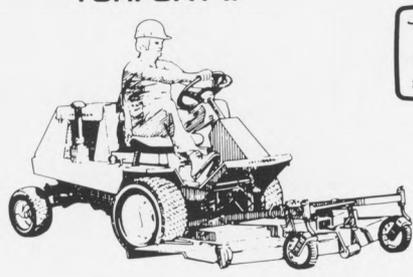
RANSOMES
GRASS MACHINERY

CONTACT
Turfgrass Division
at
Steven Willand, Inc.
(201) 579-5656

Wilfred MacDonald, Inc.

340 MAIN AVENUE, CLIFTON, N. J. 07014 · 201-471-0244

TURFCAT II




G-4X4 TRACTOR



VACS SPRAYERS ROTARIES TRIMMERS SWEEPERS
TRACTORS GANG MOWERS AERATORS TRUCKSTERS

BACK



Therefore you should look at some indicator trees such as the Linden tree for skeletonized leaves. This is a preferred food to the adult Oriental beetle. If you pull back the turf in August and the grub count is more than 3 per square foot, control measures should be taken. Always refer to the pesticide label before application. Generally pesticides penetrate the thatch zone to reach the grubs, so one-half inch irrigation is recommended.

How to Get Your Message Across

Typical memory retention curves show that within two days people forget 20 percent of what they've learned; 40 percent in just four days, and 60 percent within nine days. In 30 days, people forget as much as 74 percent of what we believe was learned. Therefore, if you explain fairly complex information to an employee twice a week, you only have to go over one-fifth of your previous message the second time. If you do this once a week, the employee remembers half of what was told before. If you give your message once within a period of one month, the odds are that your worker may not remember it at all.

Moral: Don't be afraid to repeat instructions occasionally.

Today's Supervisor, February '88 National Safety

Duck Duck Goose Goose

Many golf courses and public parks in New Jersey are faced with a growing and difficult problem. The presence of wild birds that have chosen to settle around ponds on golf courses and parks create a considerable if not unique playing hazard... you guessed it: green to dark brown pellets. We contacted the Center for Disease Control in Atlanta, Georgia to determine if this playing hazard represented a public health hazard as well. They reported that although Psittacosis (Parrot fever) can be transmitted by wild bird feces, it was unlikely that infection could be achieved in an open environment such as a golf course. Transmission of the disease, which can be serious and even fatal, would require pretty close contact. Regardless of the apparent absence of a public health problem the situation is at best unaesthetic.

One town in New Jersey is striking back! Montvale officials have made it illegal to feed geese, ducks and swans. Tom Fleming, president of the health board was quoted as saying that "last summer the droppings were just horrendous." Penalties for feeding these unwanted visitors is a \$10 fine and 2 hours of community service.

ROCKLAND

DOES IT ALL

- **Fertilizers**—Combinations of Nitroform, I.B.D.U., S.C.U. and with Insecticides and Pre-Emergence Crabgrass Killer
- **Insecticides**—Granular, Liquid, Wettable Powders
- **Herbicides**—Granular, Liquid, Selective and Total
- **Fungicides**—Granular, Flowable, Wettable Powders



Ask your supplier or write:
ROCKLAND CHEMICAL CO., INC.
© Passaic Avenue, West Caldwell, NJ

SERVING THE TURFGRASS INDUSTRY

Tractors • Mowers • Loaders • Snowblowers

Aerators • Rakes • Sprayers • Spreaders

Line Markers • Transporters • Vacuums

Sweepers • Blowers

**Cushman • Ryan • John Deere
Brouwer • Broyhill • Giant Vac
PowerBoss • Air Sweep**

Double Eagle
EQUIPMENT COMPANY, INC.
285 Dayton-Jamesburg Road
Dayton, New Jersey 08810 • (201) 329-9292



Sterilized Top Dressing

EGYPT FARMS EXCLUSIVE!

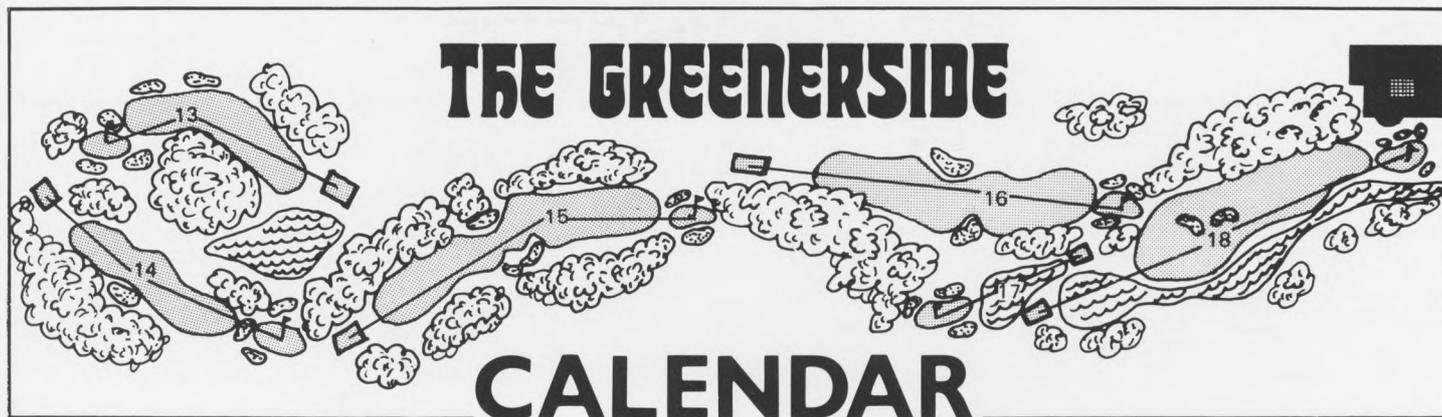
All top dressing ingredients are thoroughly mixed and sterilized by indirect heat in our special process. The sand particles are actually coated with a mixture of top soil and peat humus for a completely homogenous mixture that will not separate during handling and spreading.

(301) 335-3700

Egypt Farms top dressing is formulated especially for the transition zone to specifications recommended by the U.S.G.A., Texas A&M, Penn State, North Carolina, and the University of Maryland.

Many years of research and testing by leading universities have produced a soil mixture for superior growth; to maintain the best balance of percolation; to resist compaction; for good aeration; and for the retention of usable water and nutrients in the growing medium.

Green and tee construction materials & mixes conforming to U.S.G.A. specs are also available.



Golf Course Superintendents Association of New Jersey

EVENT	DATE	LOCATION	HOST
MGA Rules of Golf Seminar	<i>March 30</i>	Wykagyl Country Club New Roselle, NY	MGA 914-698-0390
Greenside Ad Publication Deadline	<i>April 6</i>	The Greenside	Glenn Miller 201-528-6775
Greenside Copy Deadline	<i>April 6</i>	The Greenside	Ilona Gray 201-595-7172
GCSANJ April Meeting	<i>April 19</i>	Atlantic City Country Club Northfield, NJ	Doug Fraser 609-641-7575
LPGA Chrysler-Plymouth Classic	<i>May 9-15</i>	Navesink Country Club Middletown, NJ	Pat O'Neill 201-842-0789
GCSANJ May Meeting	<i>May 17</i>	Essex County Country Club West Orange, NJ	John Schoellner CGCS 201-731-1400
GCSANJ June Meeting	<i>June 23</i>	Essex Fells Country Club Essex Fells, NJ	Larry Dodge 201-226-7395
The Autumn Classic	<i>October 3-4</i>	Quechee Golf Club Quechee, Vermont	Mark Fuller Superintendent
The MET Area Superintendent Assoc. Team Championship	<i>October 5</i>	Middle Bay Country Club Oceanside, Long Island	John Carlone Superintendent
1989—March 8 & 9, GCSANJ & GCSAA Seminar Insect Pests of Turf & Ornamentals, GCSAA 1-800-472-7878			

THE GREENERSIDE

PATRON DIRECTORY

ALPINE TREE CARE, INC.

Complete tree care
Robert Mullane – David DiBenedetto
(914) 948-0101

AMERICAN TENNIS & TRACK, INC.

Tennis Courts – Repair and Const.
Jim Snagusk
(201) 778-1171

AQUA-FLO, INC.

Irrigation System Designers and Suppliers
Phil Demarco – Jerry Purcell
(609) 561-1777 (800) 524-0895

AQUATROLS CORP. OF AMERICA

Manufacturers of Water Management Products
Andy Moore – Jerry Curtice – Demie Powell
(609) 665-1130

JAMES BARRETT ASSOCIATES, INC.

Golf Course Irrigation — Design and Consulting
Jim Barrett
(201) 744-8237

BLUE RIDGE PEAT FARMS, INC.

Top Dressing, Peat, Humus, & Potting Soil
Gene Evans
(717) 443-9596

BRUEDAN CORPORATION

Golf Cars, Turf and Utility Vehicles
Richard Lewis
(800) 535-1500 (914) 469-2275

BUNTON TURF PRODUCTS

Turfgrass Equipment
Phil Mowery – Janis Tettemer
(609) 799-4101

CLEARY CHEMICAL CORP.

Turfgrass Chemicals
Barbara Cleary – Shaun Barry
(201) 247-8000

CONSOLIDATED STEEL & ALUMINUM

FENCE CO., INC. Fencing Contractor
Eugene T. McLaughlin
(201) 272-6262

ALAN G. CRUSE INC.

Golf Course Materials
Alan G. Cruse
(201) 227-7183 (201) 992-2335

DOUBLE EAGLE EQUIPMENT

Turf Maintenance Equipment
Clyde Ashton – Jerry Pearlman
(201) 329-9292

EGYPT FARMS, INC.

Top Dressing Supplier
John Strickland – Rich Piatnek – Jeff Lacour
(301) 335-3700

E-Z-GO/TEXTRON, INC.

Golf Cars – Turf Vehicles – Personnel Carriers
Tom Sauer – Kevin Norcross – Sam Baird, Jr.
(609) 586-4000

FERTL-SOIL TURF SUPPLY, INC.

Greens Topdressing/Turf Supplies
Marty Futyma
(201) 388-0100

GOLF BY JANIS INC.

Golf Course Construction, Renovation, Irrigation
Al Janis
(301) 641-8156

GOLF CARS, INC.

Golf Cars, Turf and Utility Vehicles
Albert Wunsch – Luke Martin – Jon F. Schneider
(215) 340-0880

GRASS ROOTS TURF PRODUCTS, INC.

Golf Course Supplies
Ken Kubik – Bert Jones
(201) 361-5943 (201) 686-8709

JEP SALES, INC.

Turf Maintenance Equipment
Jack Poksay – Bill Beverline – Paul Coyle
(609) 585-2300

JONATHAN GREEN INC.

Grass Seed, Fertilizer, and Turf Chemicals
Barry K. Green II – Ed Barbano – Rip Rippel
(201) 938-7007

HARFORD INDUSTRIAL MINERALS

Sands, Top Dressing Materials
Dorothy Stancill
(609) 965-3414 (301) 679-9191

JESCO, INC.

Turf Maintenance Equipment
Joe Maslizek – Darryl Bogart – Matt Vastano
(201) 753-8080

REES JONES, INC.

Golf Course Design
Rees Jones, President
(201) 744-4031

STEVEN KAY

Golf Course Architect
Steven Kay
(914) 963-9555

KOONZ SPRINKLER SUPPLY COMPANY

Rainbird Irrigation Equipment
William Koonz
(201) 379-9313

LESCO, INC.

For all your golf course needs
(800) 321-5325

LEBANON CHEMICAL CORP.

Country Club Fertilizers & Chemicals
Steve Chirip
(201) 347-2755

LEON'S SOD FARM

Sod Grower
Samuel Leon – Irene Leon
(201) 996-2255

LOFTS SEED INC.

Turf Seed and Fertilizer Supplier
Dr. Rich Hurlley
(201) 560-1590

LONGO MOTOR & PUMP, INC.

Electric motor/pump repair/sales
Joe Longo, Jr. – Virginia Wellington
(201) 539-4141

MALLINCKRODT, INC.

Turfgrass Chemicals
John Magnus
(609) 654-0476

WILFRED MCDONALD, INC.

Turf Maintenance Equipment
Dennis DeSanctis – Ed Rockhill – Bill Luthin
(201) 471-0244

RALPH MCGILLAN

Excavating Contractor, Lakes & Ponds
Ralph McGillan
(609) 655-2281

JOSEPH M. MERCADANTE, INC.

Cart Path, Tee, and Trap Construction
Joe Mercadante – Bob Mercadante
(201) 762-1195 (201) 763-0042

METRO MILORGANITE, INC.

Turfgrass Supplies
Tony Grasso – John Wistrand
(914) 347-4222

MONTCO PRODUCTS CORPORATION

Turfgrass Chemicals
Robert Oechsle
(215) 628-3144 (215) 836-4992

NOR-AM CHEMICAL CO.

Chemical/Fertilizer Manufacturer
Jeff Johnson
(302) 737-8598

PARTAC PEAT CORPORATION

Golf Course Top-Dressing
Jim Kelsey
(201) 637-4191

PAVELEC BROS. GOLF COURSE

CONSTRUCTION CO., INC.
Golf Course Construction
Tony Pavelec (201) 667-1643
Emil Pavelec (201) 939-6182

PLANT FOOD CHEMICAL CO., INC.

Manufacturer of Fluid Fertilizers
Bill Smith
(609) 448-0935

POCONO TURF SUPPLY CO.

Turf Supplies
Ron Olsen
(215) 672-9274

PRO LAWN TURF PRODUCTS

Services for the Professional
Andrew Mulick (201) 967-9124
Ingrid A. Kern (215) 750-1732

ROCKLAND CHEMICAL CO., INC.

Turfgrass Chemicals & Fertilizer
William Dunn – Steve Stys
(201) 575-1322

R & S LANDSCAPE CO., INC.

Golf Course Construction
Claus I. Raven
(201) 278-0616 (201) 278-1954

SEACOAST LABORATORIES, INC.

Manufacturer
John C. Moynihan – Richard G. Baker
(201) 821-4769

GEO. SCHOFIELD CO., INC.

Landscape Products—Sands & Stone
Roy Malpas – Bob Beatty – Gary Merz
(201) 356-0858

O.M. SCOTTS & SONS

Fertilizer, Chemical Sales
Fran Berdine (914) 361-4105
Steve Rudich (215) 253-4003

SPRING BROOK TREE SERVICE

Tree Service
James A. Davenport – John D. Schaus
(201) 891-1764

STANDARD GOLF COMP.

Golf Course Equipment
Steve Tyler – Chief Waseskuk
(319) 266-2638

★STORMY ACRES

Premium Bentgrass Sod
Kevin Gunn
(802) 265-3046

STORR TRACTOR COMPANY

Turf Maintenance Equipment, Irrigation
Paul Deschamps – Gene Tarulli – Paul Granger
(201) 722-9830

WILLIAM STOTHOFF CO. INC.

Well Drilling, Pumps, & Pump Repairs
William L. Stothoff III – William E. Snyder
(201) 782-2717

THE TERRE COMPANY OF NJ, INC.

Distributor of Lawn Garden Nursery Products
Byron Johnson – Bryan Bolehala – Pat O'Neil
(201) 473-3393

TURF PRODUCTS CORPORATION

Turfgrass Supplies
Ernie Rizzio – Buddy Rizzio – Ron Lake
(201) 263-1234

STEVEN WILLAND INC.

Turf Equipment Distributor
Mark Ericson – Bruce Pye – Rich Brandel
(201) 579-5656

VAUGHAN'S SEED COMPANY

Grass Seed; Golf Course Supplies
Charles Usic – Sky Bergen
(201) 356-4200

VIC GERARD GOLF CARS, INC.

Golf & Utility Vehicles; Battery Whse. Dist.
Vic Gerard
(201) 938-4464

Baltusrol • Bedens Brook • Canoe Brook •
Shackamaxon • Spring Brook • Timber Trails and others . . .

What do the superintendents of these
prestigious golf courses have in common?

They use the services of . . .

KOONZ

SPRINKLER SUPPLY

. . . the smart choice for all your irrigation needs



SERVICE EXCELLENCE

- Complete inventory
- Service assistance and technical support
- 25 years experience

QUALITY PRODUCT LINES

Distributors of

RAIN BIRD®

HUNTER®

WEATHERMATIC®

Sprinkler Equipment

KOONZ

Sprinkler Supply, Inc.

39 Waverly Avenue • Springfield, N. J. 07081

(201) 379-9314

Branch Offices: Wall Township • Toms River • Hackensack