

*file*

Golf Course Superintendents Association of New Jersey

# THE GREENER SIDE

Vol. 11 No. 2

March-April 1987



## 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.

Jim Gilligan, *Editor*  
 Bruce Cadenelli, *Associate Editor*  
 Ken Kubik, *Special Projects*  
 Jeff Allen, *Editorial Staff*  
 Glenn Miller, *Editorial Staff*

Please address inquiries to the Editor, P.O. Box 143, Skillman, NJ 08558, 609-466-1820.

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

© 1986 The Greenerside

### GOLF COURSE SUPERINTENDENTS ASSOCIATION OF NEW JERSEY

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

#### Officers:

Ed Walsh, CGCS, *President*  
 Bob Matthews, CGCS, *Vice President*  
 Dave Pease, *Secretary*  
 Wayne Ballinger, CGCS, *Treasurer*  
 Bob Ribbans, CGCS, *Past President*

#### Directors:

<b>District 1</b>	<b>District 3</b>
Joe Kennedy	Gerald Fountain
John Wantz	Bruce Cadenelli
<b>District 2</b>	<b>District 4</b>
Dan McGlynn	Len Forlenza
Paul Kuehner	Steve Malikowski

#### 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.

#### INDEX

Editorials .....	2
President's Message .....	3
Willet Wilt .....	3
GCSANJ News .....	4
GCSANJ Seminar .....	5
GCSAA Annual Meeting .....	6
Superintendent Profile .....	7
Cook College .....	8,9
GCSAA Director .....	10
Meet the Patron .....	12
Roughly Speaking .....	13
Commercial Corner .....	14
Back-9 .....	15
Calendar .....	16
Patron Directory .....	17

## COOK COLLEGE—RUTGERS UNIVERSITY

GROWING FINE TURFGRASS on golf courses is not an easy task.

There are some who grow it by "the seat of their pants". There are others who practice turfgrass management "by the book". Finally there are those who accomplish their objectives by "trial and error". These general methods are successful now, but will they be in the future? With newer technology on the horizon, increased impact from the environmental community, and eroding economic resources superintendents will be forced to seek more sophisticated and efficient methods of turf management.

We need Cook College and its environs to initiate, analyze, and stimulate education and research in the New Jersey turf industry. Cook College is the key ingredient: combined with superintendents expertise in the field and the resources of the industrial complex we can confidently create the tools we need to progress in the next decade.

JIM GILLIGAN

## RECOGNITION

IT HAS BECOME CLEAR that we, as a profession, are not receiving enough recognition. It is the personal and professional responsibility of the host Superintendent of an event of any size to promote himself and his profession.

Our association, whether on a district or State level should have a group or committee to assist that Superintendent in the preparation and distribution of an article or release uncovering the hidden side of the Tournament; the story that is seldom seen.

Even at the press conference at Navesink the only club professional that received repeated, voiced recognition was the gold pro.

This is the perfect time for our association to seize the initiative and distinguish itself among our neighboring associations. There are many tournaments in the state over the season and we would get a lot of mileage out of such a plan. We could receive national recognition by tying this into the GCSAA's Silent playing partner.

I am sure that with the cumulative talent our associations has that we could give ourselves a degree of visibility and recognition we deserve.

JEFF ALLEN

## REGIONAL SUITE

AFTER THE '86 CONFERENCE in San Francisco I discussed the merits of a regional suite at each year's conference. In Phoenix we again enjoyed the support and co-operation of the Metropolitan and Connecticut Superintendent Associations in funding and staffing this tri-state suite. Although our effort was successful, the suite was not the gathering place it should have been. Part of the problem can be traced to the hotel locations in Phoenix. Once people left the downtown area they did not want to take another thirty minute drive to come back to the headquarters hotel and find the suite.

Many of us have already begun laying the ground work for a true Northeast suite at the '88 Houston show. Five chapters are interested in supporting this activity. Association funds, coupled with patron funding, will make this a reality. We in New Jersey will be part of a first-class hospitality suite in Houston come February. Give us your support!

BRUCE E. CADENELLI

## President's Message

In the very near future all class A and B members will be receiving a survey/questionnaire. The purpose of this survey/questionnaire is to gain information pertaining to budget, salaries, benefits and other pertinent information related to our golf course maintenance operations. We feel this information can be utilized in many ways. Examples include budget, salaries, and benefit comparisons.

Similar information has been gathered and evaluated on a local level by our own District III. Every member I have talked to from that District has suggested the ideas and figures exchanged have been beneficial to improvements within their operations. Interestingly enough, District III experienced better than 60% cooperation with their survey. This shows me the concept is sound and the direction is valid.

We are hopeful that this information can be utilized when new positions open within our state. I can envision a club seeking to fill a vacant superintendents position and having us provide them with information that we have gained from these surveys. How helpful this information can be in upgrading the new superintendents position and budget. Approximately 10 years ago a survey of this type was sent to all GCSANJ members. The response was negligible. It is obvious, based on the experience of District III and other associations throughout the country, that this idea is being accepted now. We are hopeful all Association members will cooperate and assist in this program. We welcome your comments and suggestions. If we are successful in upgrading one superintendents position or budget, we will be successful. We anticipate assisting a large percentage of our association members with this information.

It is important to understand that the first decision made in preparing this survey/questionnaire was that no one will receive the information gained if they do not participate. We are hopeful we can better the 60% achieved in District III.

I must take this opportunity to thank Bob Matthews and Dave Pease for an outstanding job on our recent seminar. The speakers and topics were pertinent and timely. Many of us who attended left a bit scared, but we now know the direction we must take at our clubs regarding EPA regulations and insurance coverage (or lack thereof). I am hopeful this is the type of seminar we will provide on a regular basis for our membership. Everyone left Cook College well informed. Thanks again to Bob and Dave.■

Ed Walsh, President

## Willet Wilt says:



**"The Golf Course Superintendent—  
The Obsessive Compulsive Weather  
Fanatic"**

It is said that attitudes and emotions are supposed to be affected by the weather. The Golf Course Superintendent is an outstanding example of this. He is a walking barometer whose emotional state is directly correlated to the latest weather forecast. He does not consider weather to be a sunny sky with pleasant temperatures, but rather obnoxiously hot and humid days, major snow storms, or any other catastrophic inversions to be "real weather."

Just to prove that the G.C. Supt. is obsessed with the weather, what is the first question he asks his spouse when he gets home? How is she or how did the kids do in school? No way! It's "Did you hear the latest weather report for tomorrow?"

One thing you can guarantee is that no matter what the weather is, not every G.C. Supt. will be happy. One wants it to rain so he won't have to water the fairways, and another doesn't want it to rain because he plans to topdress greens.

With today's use of the computer, the G.C. Supt. now receives more technically wrong weather predictions than ever before. Remember, a weatherman is a profession in which you still get paid even when you're wrong. There have been situations in which the G.C. Supt. has had more than one T.V. on in hopes that one station would give a more favorable weather report than another. Probably the only time there is quiet around his home is when the weather report is on.

One G.C. Supt.'s wife was disappointed to learn that the only reason they started to receive cable T.V. was to get the nationwide weather channel out of Atlanta, and not to get the movie channels.

Willet Wilt's latest book, *The Weather is Your Friend*, has been banned by the GCSAA as a subversive fiction that plays upon the vulnerability of the G.C. Supt. who believes the printed word. Willet Wilt is also working on a new movie entitled "The Weather can be Fun." It's a situation comedy. You true weather fanatics can obtain the official "Willet Wilt Walkman Radio" that only tunes into the NOAA weather channel. In this way you will never have to go through withdrawals because you are without the latest weather report. It is available c/o Ken Kubik, Mt. Freedom, NJ.■



Congratulations to **Dan McGlynn** of Suburban G.C. and **Marty Mantell** of American Golf Corporation. Both have recently become Certified Golf Course Superintendents.

At the recent International Conference & Show in Phoenix two GCSANJ members were part of the education program. **Ed Walsh, CGCS**, gave a presentation on pesticide storage buildings, while **John Boyer** of Marriott Seaview C.C and Resort gave a talk titled "From Country Club to Resort."

Our 1987 Equipment Field Day has been set for Tuesday, October 6. **Wayne Ballinger** and **Henry Indyk** will again be in charge of the event. ■

## LPGA Classic

Navesink Country Club held a press conference for the upcoming Chrysler-Plymouth Classic, to be held May 15-17. The focus of the event was 1986 champion **Ms. Becky Pearson**. Based in Boca Raton Fla., Ms. Pearson showed herself as a true professional in the way she handled the many questions asked. Ms. Pearson mentioned, among other things, how last years victory has increased her confidence and that she was really looking forward to returning to NJ and defending her title. One interesting item was that she used the services of a hypnotist who had taught her to hypnotize herself in order to raise her level of concentration.

This years \$225,000 in total prize money is the largest purse offered in the tournaments history with \$33,750 going to the winner. That, along with the highly professional and competitive nature of the Womens Tour, promises to make Navesink a truly classic Classic.

Also attending the conference, along with the usual representatives and officials, was host Superintendent **Larry Dodge**. Larry has done an outstanding job in preparing for the LPGA. Seated next to Larry was GCSANJ president **Ed Walsh CGCS** and representing The GREENERSIDE, **Jeff Allen**.

Our association was acknowledged and thanked by Tournament Director **Peter Busatti**. Also expressing appreciation was Navesink Green Chairman **Gene Bonstein**. ■

JEFF ALLEN

## April Meeting

**Kenneth Thompson**, superintendent at the Sands Great Bay C.C. will be our host for the April meeting of GCSANJ. Ken, a 1981 graduate of Penn State, has been a member of our association since '84. The Great Bay Club is owned by the Sands Hotel Corp. The golf course is a resort club which also has some private membership play. Approximately 40,000 rounds of golf are played yearly at the club.

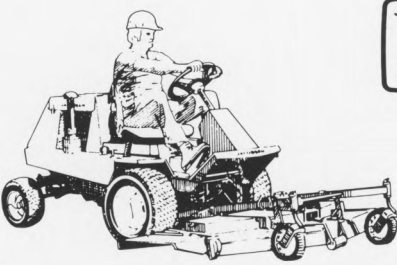

1986 was a very busy year for Ken and his staff. During the year a new irrigation system was installed, after which all tees and fairways were completely renovated. All turf areas received a treatment of Roundup and were heavily overseeded. Ken states he had a great catch from the seeding and he is looking forward to showcasing this fine club to his fellow GCSANJ members. ■

"Writers seldom write the things they think. They simply write the things they think other folks think they think."


Elbert Hubbard: *Roycroft Dictionary and Book of Epigrams*, 1923

*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

**WE CAN HELP YOU GROW**

**better quality turf**

**Jonathan Green** stocks more bluegrass, fine textured ryegrass and turf-type tall fescue varieties than any other seed house in the mid-atlantic and eastern states.

**Jonathan Green** stocks an entire range of insecticides, herbicides, fertilizers and specialty turf products for professional lawn services, golf courses, municipalities, sod growers, hydro-seeders and all landscape contractors.

**Jonathan Green** provides you with product information, custom turf care programs and prompt knowledgeable attention to your particular turf problems...large or small.



CALL **Jonathan Green**  
FOR THE FASTEST SERVICE IN THE EAST

RIP RIPPEL: 201-566-6540  
ED BARBANO: 609-848-0551

**Jonathan Green**  
FARMINGDALE, NEW JERSEY 07727

IN NEW JERSEY      OUT OF STATE  
201-938-7007      1-800-526-2303



# GCSANJ Winter Seminar

On February 18, GCSANJ held its annual winter seminar at the Cook College Student Center. The seminar covered a very important and interesting topic: "Pesticides: Safety and Liabilities."

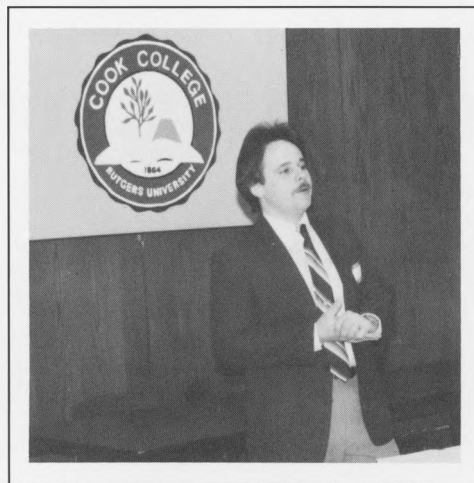
The meeting opened with John Pitonyak, Department of Environmental Protection, and an informative presentation on state regulations and inspections. He assured us that the State's main concern is not to harass anyone but to help all applicators and insure that all regulations are followed properly. The State plans to increase its inspections to one annually per application facility covering records, safety equipment, storage, container disposal, and rinse areas.

Dr. George C. Hamilton, Ph.D, Extension Pesticide Coordinator, followed with a talk on proper storage and disposal of pesticides. Dr. Hamilton stressed that storage areas must be locked and identified to local fire departments, and must have warning signs posted.

They should also have good ventilation, be kept neatly organized, and have a wash facility. Records must be available to the New Jersey D.E.P., and must be kept for two years.

Hamilton continued with pesticide disposal guidelines. Containers that have not held acutely hazardous pesticides can be disposed of in a "type 27" landfill once empty. A list of landfills, along with a list of acutely hazardous waste, is available through Dr. Hamilton, who can be contacted at 201-932-9801.

Next on the podium was Peter Bark, with the Office of Public Safety, who spoke on safety in the workplace. He pointed out that flammables, such as gas oil mixes and oil base paints should be stored outside the shop area. All machined guards should be kept in good condition. Bark noted that 70% of accidents reported result from improper use of lawnmowers. He also said



that personal protective equipment such as goggles, face shields, rubber gloves and protective suits should be available to all employees.

Iлона Gray, Director, Alliance for Environmental Concerns, discussed the objectives of the Alliance and services the Alliance can provide, such as keeping members posted on what new state and local environmental laws are planned, and how those laws impact members.

Dr. Neil Dougherty, Rutgers University, followed with a discussion on insurance safety. Dougherty covered the proper procedure for filing accident reports, and made some recommendations about posting safety precautions on equipment. John Dana, with Fowler Insurance Counseling, also talked about superintendent insurance liabilities.

Martin McGinn, Cleary Chemical Corporation, and Robert F. Hughes, Mobay Chemical Company presented the chemical industry's progress and new developments in pesticides. ■

**the  
BROUWER  
difference**

3 FORWARD SPEEDS  
1 REVERSE

DYNAMICALLY  
BALANCED REELS

FINE TUNED REEL  
AND  
BEDKNIFE SETTINGS

CONVENIENT CONTROLS

ROBIN WISCONSIN  
6-1/2 h.p. ENGINE

FOOT BRAKE PLUS  
PARKING BRAKE

EASILY RAISED  
CUTTING UNITS

FREE FLOATING  
CUTTING UNITS

ANTI-SHOCK ROLLERS

TOP BLADED REELS

**Triplex-376**

**Quality . . . Reliability**

FEATURES

- 5.8 m.p.h. (9.4 Km/h) transport speed
- 76 in. width of cut
- Rear reel can be operated independently
- Height of cut: 1/2 in. to 3 in. (1.3 cm. to 7.6 cm.)
- Transport width only 71 in. (180 cm.)
- Low center of gravity

**Double Eagle**  
EQUIPMENT COMPANY, INC.

285 Dayton—Jamesburg Road • Dayton, New Jersey 08810 • (201) 329-9292 • (212) 772-0828

**NEW 3336<sup>WP</sup>**  
**In Water Soluble Bags**

- **SAFE**
- **CONVENIENT**
- **ECONOMICAL**

**W-A-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)

# GCSAA Annual Meeting

The Annual Meeting of GCSAA was held in Phoenix, Arizona on Monday afternoon, February 2nd. It was a briskly paced meeting that lasted approximately two hours.

Two major items of business were conducted. The first was the election of officers and directors. Results of the elections are as follows:

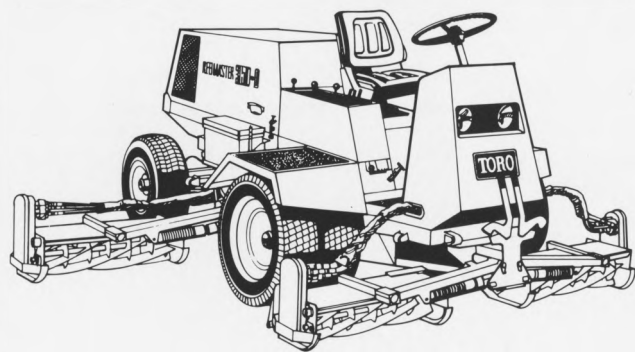
President:	Don Hearn	
Vice-President:	John Segui	2,318 votes
	Dennis Lyon	1,525 votes
Directors:	Steve Cadenelli	2,832 votes
	Dennis Lyon	2,823 votes
	Randy Nichols	2,625 votes
	Len Berg	1,451 votes
	Jim Taylor	1,120 votes
	Marque Randall	310 votes

Cadenelli, Lyon, and Nichols were elected for two year teams.

The second major order of business was the voting on the dues increase. This vote was taken by only those members present at the meeting. By a near unanimous vote the dues increase was passed. Dues are now \$175 per year. It was somewhat surprising that not a single member spoke against the dues increase. I guess most must agree with the scope and direction that GCSAA is taking. ■

BEC

## 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 Phoenix Conference



Although the weather was certainly nice in Phoenix I was not impressed with the city. Those who stayed in the outer areas of Phoenix were actually in the finer locations. I guess you needed to visit Tucson or Scottsdale to see the better areas.

Anyone who traveled to Sedona and the Oak Creek Canyon area of Arizona saw some beautiful sites. The red rock country is quite impressive. It was fascinating driving through the Oak Creek Canyon area and seeing how the vegetation changed from one end of the canyon to the other. A lot changes when the elevation goes from 4,000 feet to 7,200 feet.

Mel Summer sends regards to all his friends in the Garden State. Mel is at the Canyon Lake C.C. in California.

I was somewhat surprised by the margin of victory that Randy Nichols posted over Len Berg. Going into the election I believed that Randy would win, but that the vote totals would be much closer.

After watching now for a two year period what a candidate has to go through for election to the Board of Directors of GCSAA I've concluded it simply isn't worth it. I'm not saying that serving isn't worth the time and effort; I'm simply saying that the political hassles which some voting delegates put a candidate through isn't worth the aggravation. All must realize that election to the Board of GCSAA is not going to alter the course of world history. Some delegates would be wise to put the entire election process into its proper perspective. As one present Board member, (not Steve Cadenelli) said to me: "It's very difficult when you have to undress in public every two years to win re-election—it can diminish your enthusiasm for the tasks at hand."

It's interesting to note what competition will do to a company's attitude. For years the people from Ryan did nothing when Superintendents asked them to improve the mechanics of their Greensaire. But within a year after Toro introduces their machine Ryan has a new and improved Greensaire 24 on the market. So much for the power of the consumer!

Certainly did enjoy the variety and quality of the country and western music stations in the Phoenix area. Puts the one New York C&W station to shame.

Jake Kaine did a marvelous job with his presentation titled "Who's In Your Driver's Seat?" Although it was a four hour session the time passed quite quickly. His talk focused on personnel management. The presentation was much better than I expected. ■

BRUCE E. CADENELLI



WHITE MARSH, MD

(301) 335-3700

## 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.

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.

# Superintendent Profile

PETER L. PEDRAZZI, CGCS



Pete Pedrazzi is the certified golf course superintendent at the Cresmont CC, West Orange. Twenty-two years have elapsed since he came over from Suburban Golf Club in Union, New Jersey, in early 1965. Pete had been superintendent at the Lake Mohawk Golf Club, Sparta, New Jersey in the summer of 1959, later moving over to Suburban in August of that year.

Pete is a turf management graduate from the Stockbridge School of Agriculture (1959), coming down to New Jersey soon after graduation. His placement training was taken at the Crestview CC in Agawam, Massachusetts under the direction of Geoffry Cornish who was building the course that summer of 1958. Pete and Mr. Cornish have maintained contact through the years exchanging ideas and concepts.

Pete's successful tenure at Crestmont can be attributed to constant attention to the relationship he maintains with his members. He keeps this relationship on a high level by being visible on the golf course as superintendent and as a player. His professional image with the women golfers is legendary; landscaping ladies tees, keeping them informed of maintenance programs, and adjusting schedules to reduce interference are some of the things he does to maintain his image.

Insuring work doesn't consume all his time Pete has been active in athletics as a participant, coach, and official. As a youth

he was a fine soccer player, basketball player, and still tees it up with the best of them. As an adult he maintained his interest in sports by coaching his five sons through youth leagues and as they achieved success as quality high school athletes he closely watched their progress. Today he is a respected high school soccer official and he will be returning to the hardwood as a basketball official as soon as his youngest son completes his eligibility.

Carole, his wife, completes the picture of this talented family; she is an avid tennis player, participating in local tournaments in their home area. Does Pete officiate at her matches? The athletic genes of mother and father are evident in the accomplishments of their sons.

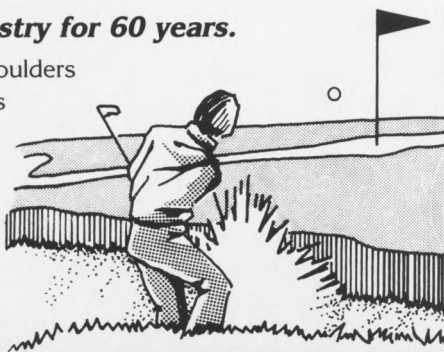
Tom, the first born, played soccer at Ohio State and is now an architect in Los Angeles; Bob, a graduate of the University of Tampa, has embarked on a career as a golf professional; Peter, a Stockbridge graduate, is following his fathers path to a career on the golf course; John, a junior at Ohio State, is a member of the varsity soccer team; Bill, the youngest, is a junior at Hanover Park High School playing varsity basketball and baseball.

This being a profile it is only an outline of a person's life and career, but we offer it as a glimpse of a fine person and golf course superintendent and a credit to our profession. ■

JIM GILLIGAN

## 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



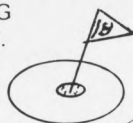
(201) 356-0858

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

## JOSEPH M. MERCADANTE, Inc.

PAVING, EXCAVATING  
SOUTH ORANGE, N.J.

762-1195



PARKING LOT AND  
CART PATH  
CONSTRUCTION

DRAINAGE SYSTEMS  
TEE BUILDING  
GRADING

# RANSOMES

## GRASS MACHINERY

### CONTACT

Turfgrass Division

at

Steven Willand, Inc.

(201) 227-5656



# COOK COLLEGE AT

Cook College and its predecessors the College of Agriculture and the College Agriculture and Environmental Sciences have been endowed with the responsibility of agricultural research, extension, and instruction service to all New Jersey residents. These responsibilities are fulfilled at the New Jersey Agricultural Experiment Station (founded 1880); the New Jersey Cooperative Extension Service (created in 1912); Cook College (established 1973).

In 1923 the Department of Agronomy was formally organized in the College of Agriculture, under the direction of George W. Musgrave. Musgrave began the first turfgrass experiments at the Experiment Station: an evaluation of Virginia (C-38), Metropolitan (C-50), and Washington (C-50) bentgrasses to determine their adaptability to soils in New Jersey. The United States Golf Association Green Section provided financial and technical assistance to initiate additional turfgrass experiments in 1925. This work included a study of factors influencing the development of grasses used in fine turf; specifically the comparison of the effect on fine turf of various basic and acidic nitrogenous fertilizers.

Dr. Howard B. Sprague, appointed agronomist in 1927 and Dr. Edward E. Evalul, first turf management specialist, reported the results of these early experiments. They listed the value of various grasses; they published the effects of applying inorganic and organic fertilizers to creeping bentgrasses and their influence on turf density, disease incidence, presence of weeds and earthworms.

1928 was a difficult year for New Jersey greenskeepers; *Poa annua* suffered through a tough summer disappearing almost overnight. The concern for this problem spurred the efforts of the staff at the College of Agriculture. It was during this period that the golf course superintendents understanding the need to

organize, for mutual benefit, formed an association. In 1926 the New Jersey Greenskeeping Superintendents Association was chartered.

The first Rutgers Turf Short Course was held in 1928 with 54 students.

The State of New Jersey appropriated special funds for turf research in 1929. The money was used to expand the facilities at the Experiment Station. Some of the experimental projects at the Station included: soil types and different grasses, organic nitrogen carriers, height of cut studies, and fairway seed mixtures.

Dr. Sprague continued his soil research, working with peat as a substitute for manure. Turfgrass theories were changing as experimental work provided new data supporting field instinct. Early results showed that turf grasses needed calcium, nitrogen, phosphorus, drainage, to ensure a high water holding capacity.

In 1931, Sprague undertook a study of root development in turfgrasses. It was known then that the height of cut affected root development; the lower the cut, the smaller the root system. Sprague continued his work in the greenhouse on studies on the utilization of nutrients in Colonial Bents and Kentucky Bluegrasses. This work was supported by the New Jersey State Golf Association and the Metropolitan Golf Association.

The New Jersey State Golf Association began a Turfgrass Advisory Service in 1932 for its member clubs. Dr. Edward Husted, from the Ridgewood Country Club was the person who led this effort. This advisory service continued until 1956 when the United States Golf Association Green Section began their service. In addition to the four visits each club received there was a monthly bulletin sent to each club, during the golf season, edited by Dr. Sprague. The annual fee for this service was \$25.00.

## FREE TREES AVAILABLE

Big Tree Nursery has specialized equipment (tree spades) capable of transplanting trees 10'-50' tall. Tree spades **gently** dig the tree, transport it down the road, dig the receiving hole, and place the tree in that hole. Survival rates average 90% or **better**. Most builders have trees growing in wooded areas or in the wrong locations. You may not recognize them, but they're there. **These are your free trees!!** You already have them. All you need now is to hire one of our tree spades with an experienced operator to transplant them to the desired location. In essence you get free trees, paying only a minimal transplanting fee. Call us now for a detailed, no-cost, no obligation tree survey to locate **your** free trees.

For more info, call:

### BIG TREE NURSERY

The Big Tree Experts

(201) 225-4727

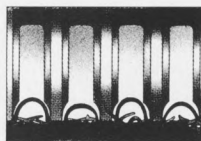
P.O. Box 6081, Edison, NJ 08818

*P.S. We sell trees also!*

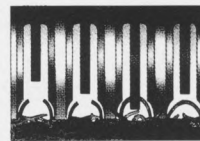


Member: NJ Association of Nurserymen

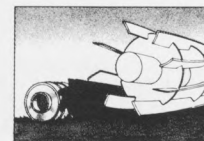
## Improve your putting surfaces with the Greens King® IV and Turf Groomer™.



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



# RUTGERS UNIVERSITY

Dr. Edward E. Evald resigned his position in 1932 to join the Soil Conservation Service. Thomas Longnecker a graduate student in 1935 filled the position vacated by Dr. Evald. Dr. Evald remained interested in turfgrass research while at the Soil Conservation Service.

Sprague and Longnecker experimented with the effects of lime on fine turfgrass. In 1937 Sprague and Burton conducted experiments on *Poa annua*, studying the effects of temperatures, day length, fertility, and pH on the growth of *Poa*.

The New Jersey Agricultural Experiment Station announced the introduction of a new Velvet Bentgrass called Raritan in 1938.

World War II commenced in 1941. The effects of the war effort were immediate: people went into the service, there was a scarcity of materials, and less time to care for grass. This silenced the campus in New Brunswick. John Stephenson working for T.C. Longnecker who was in the service maintained the plots and did the turf service work during the war. Professor Gilbert H. Ahlgren helped guide and assist the turf program during the war. By 1953 Dr. Ahlgren had been chairman of the Farm Crops Department and delivered a key address at the national conference in Atlantic City in 1953.

2,4-D was discovered as part of the war effort and at the close of the war in 1945 Rutgers began testing the compound making comparisons of the relative effectiveness of various concentrations of different salts on the weeds. Work was also being done by the Entomology Department on the control of the Japanese beetle grub and chinch bug. Dr. Longnecker returned after the war to assume control of the turf management program at Rutgers.

In 1946 a ten-week short course in turf management was installed at the College of Agriculture. It was designed to train golf

course personnel in various turf management subjects. Included were: Turf Management, Turf Grasses, Weeds, Soils, Pests, Landscape, Horticultural Marketing, and Accounting. This short course continued until 1958 when it was discontinued. In 1962, to meet the demands of the turf industry a two year turf course was started to replace the original ten week course. The original five day short course begun in 1929 continued until 1957 when it was displaced by a shorter three day program. The advent of the New Jersey Expo in 1974 merged the shorter programs with a trade show. But even since then an advanced turf seminar is held each winter for advanced credits for graduates of the ten week program and other interested turf people.

The first turf field day was held in 1928. This was an annual event held at the turf plots on the campus of the College of Agriculture. In recent years the field day has been held at the plots on Ryders Lane or at the turf research facility in Adelphia. These valuable programs provide turf people the results of research and development work of the Cook College faculty.

The Adelphia Center was established in 1962 as part of the New Jersey Experiment Station. It is located on the border of Freehold and Howell Townships in Monmouth County. It contains more than 200 acres of land with support structures including offices, sample prep building, machine shed, three greenhouses, and three storage buildings. Work with forage crop production, land use, environmental quality, turfgrass breeding and management, water use, weed control and soil fertility and management.

The end of World War II in 1945 signalled the surge of interest in turf management throughout New Jersey. The war had forced many golf courses to limit their maintenance prog-

*Continued on Page 10*

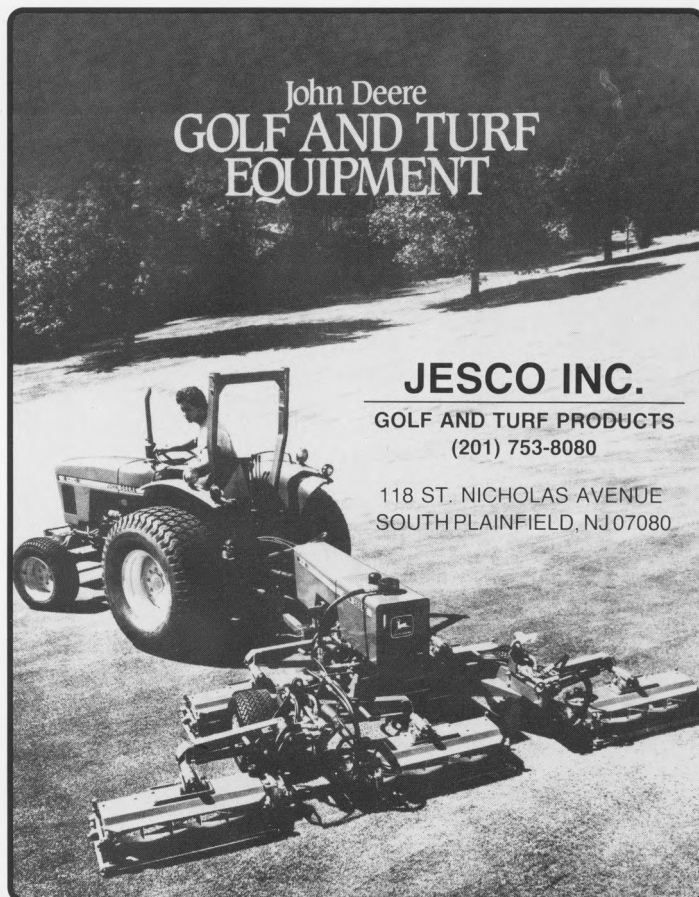
## **PAVELEC BROS. GOLF COURSE CONSTRUCTION Co. INC.**

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**



John Deere  
**GOLF AND TURF  
EQUIPMENT**

**JESCO INC.**  
GOLF AND TURF PRODUCTS  
(201) 753-8080  
118 ST. NICHOLAS AVENUE  
SOUTH PLAINFIELD, NJ 07080

rams, lowering the quality of conditioning. Golf course greenskeepers returning from the war effort were concerned about the weakened condition of many golf courses. They felt confident they could restore these beautiful courses to their prewar condition if they had the men and materials. They felt so confident they could accomplish this task they invited the national association to hold their annual meeting in New York City in 1947. The invitation was accepted.

There was also a feeling among the superintendents that a full time turf position should be established at Rutgers. The following is taken from the November-December, 1945 issue of The Greenskeeper's Reporter, contributed by John Anderson.

"On October 24 a meeting was held at the New Jersey Experiment Station in New Brunswick, to consider a Regional Program of research and extension in turf work. This meeting was the result of many tries on the part of the U.S.G.A. Green Section, the authorities at the N.J. Experiment Station, N.J. Golf Assn. Greens Section, Metropolitan Golf Assn. Green Section and the N.J. and Metropolitan Greenskeepers to get together and discuss ways to start a full time turf research program. Attending this meeting were: Dr. Fred Grau, Director, U.S.G.A. Green Section; Dr. G.H. Ahlgren, Dept. of Agronomy, Rutgers University; Dr. M.E. Husted, Chairman Green Section, N.J. Golf Assn. (Ridgewood CC); Eugene Larkin, Chairman Metropolitan Golf Assn. (Wykagyl CC); and the following superintendents: T.T. Taylor, Westchester CC, Rye, N.Y.; Emilio Strarra, Round Hill CC, Greenwich, Conn.; Harold LaFurgy, Winged Foot Golf Club, Mamaroneck, N.Y.; Alex Reid, Twin Brooks Golf Club, Plainfield, N.J.; Carl Treat, Montclair CC, Montclair, N.J.; John Anderson, Essex County CC, West Orange, N.J.

These men were in full agreement that the services of a full time turf man was needed and that the proposition should be on a permanent basis."

This ends this portion of this three part series. The third and final installment will appear in the next issue of The Greener-side.■

# GCSAA Director's Chair

Let me begin by expressing my very sincere thanks and appreciation to all members of GCSANJ for their support of my candidacy for GCSAA Director. The reception and support of everyone in New Jersey since my arrival here, still less than two years ago, has been so much more than anyone could possibly expect. It is this support that paved the way for victory in Phoenix, a victory that truly was a team effort, not only for everyone in New Jersey, but a team effort for the tri-state area of New Jersey, Metropolitan New York and Connecticut. I look forward to the challenges ahead as a member of GCSAA's Board and will do all that I can to represent the profession of golf course management in the most positive manner possible.

I am very anxious to receive any and all comments regarding the educational program at conference, future conferences and other educational offerings, as well as comments on GCSAA's Certification program as I have been appointed Chairman of the Education and Certification Committees of GCSAA. I am pleased to chair these very significant committees and seek as much input as possible as to how the membership can be best served in these areas. Do not hesitate to contact me with your thoughts, suggestions or concerns along these lines.

Again, thank you for your support. I look forward to working with—and for you—on behalf of our profession and the great game of golf.■

STEVE CADENELLI

"Grass is the forgiveness of nature—her constant benediction... Forests decay, harvests perish, flowers vanish, but grass is immortal."

John J. Ingalls: Speech in the Senate, 1874

## Liquids are the Future!

### PFC offers you:

- **Our High Quality Liquid Fertilizers** in many formulations, including clear liquids and suspensions.
- **Custom Formulations**, based on soil testing results.
- **Our Applications.** Minor elements and herbicides mix with liquid fertilizers—to save trips across the field.
- **PFC's** own delivery trucks insure delivery of products when you need them.
- High Calcium Limestone, High Magnesium Limestone and our new product **Liquid Limestone.** Limestone helps you get your money's worth from the fertilizer and herbicides applied. The dry pulverized limestones are applied through our "Chain-driven, boom-type" lime applicator trucks.
- The complete line of **Stanford Seed.**

**PFC has been in business for over 35 years.**  
**Please contact us for your Turf needs.**



**PLANT FOOD CHEMICAL COMPANY, INC.**

609-448-0935

Hightstown-Cranbury Station Road, Box 173, Cranbury, NJ 08512



**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

**grass roots**  
turf products, inc.

**You can't grow GRASS without ROOTS**

**KEN KUBIK**

(201) 361-5943

**BERT JONES**

(201) 686-8709

# 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

# MEET THE PATRON



**Aqua-Flo, Inc.** is an Irrigation Equipment Distributing Corp. started in May 1976 by Philip F. De Marco, formerly of De Marco Turf Irrigation Contractors, Inc. De Marco Turf Irrigation installed many golf course irrigation systems in the state of New Jersey, i.e., Plainfield C.C., Echo Lake, Canoebrook, Ridgewood, Hackensack, Manasquan River C.C., Seaview C.C. and many others.

Aqua-Flo, Inc. is devoted to the sales, service and system designs of irrigation equipment to golf courses, athletic fields and commercial turf and shrub areas.

Presently on staff is Jerry Purcell, Certified Golf Course Irrigation Designer by the Irrigation Association of America. He has been in the irrigation business for over 20 years, joining Aqua-Flo, Inc. in 1978, covering golf courses in eastern Pennsylvania, central and southern New Jersey and Delaware.

Joe Philipczak also enhances our staff with 15 years in the irrigation industry. Joe covers golf course irrigation sales and design in New Jersey, with special emphasis on custom design for pumping stations and related control systems.

Rick Hill is in charge of irrigation sales and design in Virginia, Maryland, West Virginia and Washington, D.C. Rick joined Aqua-Flo in 1985 with 15 years previous experience with Hills Irrigation, Front Royal, Va.

Mike Pastori, is a graduate of Utah State University, with a degree in Landscape Architecture, registered in Pennsylvania and Maryland. Mike calls on commercial and residential irrigation contractors and also assists landscape architects and engineers in design of turf irrigation systems.

Aqua-Flo's total staff of sales and inside personnel have accumulated over 125 years of irrigation experience to better serve the turfgrass irrigation industry in the northeast. ■

## NGF—Golf Consumer Profile

The typical American golfer reports that he plays an 18 hole round of golf in 25 strokes over par, or an average score of 97. This, and other information has been provided for the first time by a survey of American golfers conducted by the National Golf Foundation. The survey, titled the Golf Consumer Profile, was recently published by the NGF and contains never before available information on how golfers view themselves as players, consumers, media observers, and much more.

Two-thirds of all golfers, according to the Golf Consumer Profile, report they normally break 100 on a regulation 18 hole golf course. Only one-third regularly complete play in under 90 strokes, and the elite group that posts scores in the 70's accounts for only eight percent of all golfers. ■

## TURF MAINTENANCE EQUIPMENT

**CUSHMAN  
RYAN**

**BROUWER**

**JOHN DEERE**

**BROYHILL**

**VICON**

**GIANT VAC**

**MAGLINE**

**SALES • SERVICE • PARTS • LEASE**

**Double Eagle**  
EQUIPMENT COMPANY, INC.

285 Dayton—Jamesburg Road • Dayton, New Jersey 08810 • (201) 329-9292

Personnel Carriers • Burden Carriers • Security Vehicles • Refuse Collectors • Sweepers  
Scrubbers • Vacuums • Tractors and Implements • Fine Turfcare Equipment  
Sprayers • Spreaders • Line Markers • Trailers • Batteries

**AQUA-FLO**  
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.  
P.O. Box 454  
HAMMONTON, N.J. 08037**

**N.J. (609) 561-1777  
800/524-0895**



## Roughly Speaking

At the recent Annual Meeting of GCSAA in Phoenix a dues increase of \$30 per year was proposed, and by a near unanimous vote of those present, was passed. Yearly dues are now \$175. I think this is a very reasonable sum for the programs and activities which GCSAA offers its membership. Also, in relationship to other professional associations in golf, our dues are on the low end.

Although I do agree with the dues increase I do have two concerns with the actions that took place in Phoenix. My first is that so few of our total membership in Phoenix attended the annual meeting and actually voted on the dues increase. Remember, this vote is not taken on a chapter basis. Only those present at the meeting voted on the issue. It should be pointed out that all members in Phoenix had the right to attend the meeting and make their wishes known. It's disappointing that only 300 to 500 members feel the meeting is important enough to attend. I question whether it is wise to have so few of the membership vote on an issue which impacts us all? Maybe this issue is something that GCSAA's Board should investigate! Not all members can attend the International Conference and Show so GCSAA needs to be aware of their feelings as well.

My second concern deals with the GCSAA member who does not have his dues paid for by his employer. At present we do not know what percentage of membership falls into this category. I'm concerned that we are asking this individual to pay his total dues in one lump sum, and with life's other economic pressures will he now decide that GCSAA is something he can't afford. He may still believe that GCSAA is a very worthwhile organization to be a member of, but his own economic situation

forces him to pass on membership. I don't know if this is a real issue for many in our profession, but it is an area that needs to be investigated. Randy Nichols, newly elected Director and membership chairman for our national association shares these concerns and in telephone discussions we've had has stated that he and his committee will look into these issues and report to the Board on any action GCSAA should take. I've proposed that for those individuals who pay their own dues that a system be set up which allows them to pay on an installment basis. This is just one workable idea. I'm sure Randy and his committee will come up with many more.

If we want GCSAA to be the voice of the Superintendent in this country than we must make it attractive to as many in our field as possible. As we come under greater governmental scrutiny we need to act in one unified manner. GCSAA can be our conduit in these areas so we must keep membership available to all. ■

B.E.C.

NATURAL ORGANIC  
FERTILIZER

For use on lawns, shrubs  
and ornamentals  
only

Long lasting,  
will not burn

"The Golf  
Course  
Choice"



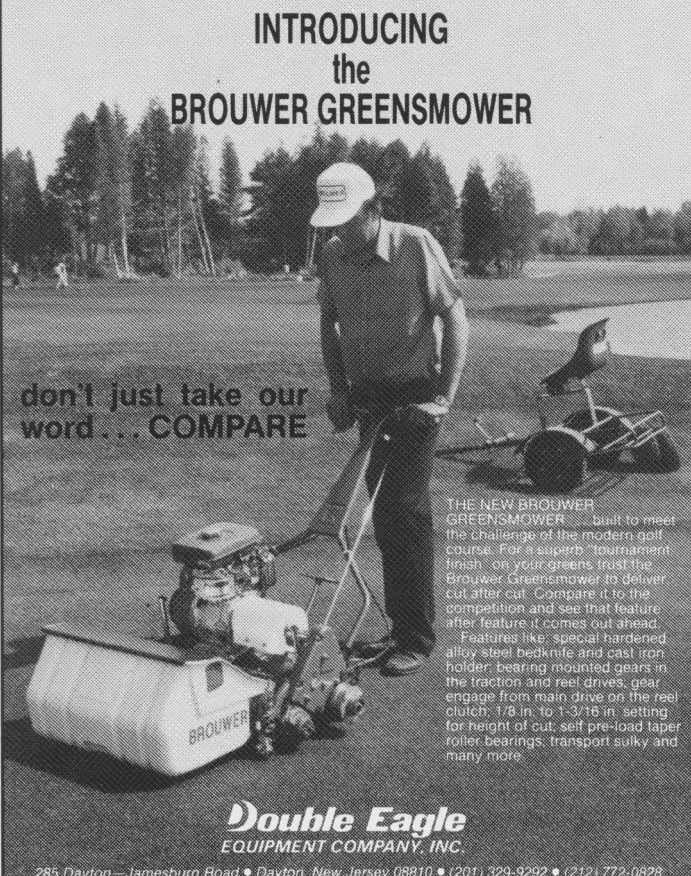


6-2-0  
Activated Sewage Sludge

METRO MILORGANITE  
Box 267  
Hawthorne, NY 10532

Processed Only By  
Milwaukee Metropolitan Sewerage District  
Milwaukee, Wisconsin

**INTRODUCING  
the  
BROUWER GREENSMOWER**



don't just take our  
word... **COMPARE**

**THE NEW BROUWER GREENSMOWER** built to meet the challenge of the modern golf course. For a superb "tournament finish" on your greens trust the Brouwer Greensmower to deliver cut after cut. Compare it to the competition and see that feature after feature it comes out ahead.

Features like: special hardened alloy steel bedknife and cast iron holder-bearing mounted gears in the traction and reel drives, gear engage from main drive on the reel clutch; 1/8 in. to 1-3/16 in. setting for height of cut; self pre-load taper roller bearings; transport sulky and many more.

**Double Eagle**  
EQUIPMENT COMPANY, INC.

285 Dayton—Jamesburg Road • Dayton, New Jersey 08810 • (201) 329-9292 • (212) 772-0828

## To Keep Your Course In Classic Condition, Use These High-Quality Products from NOR-AM®

- **NITROFORM® SLOW-RELEASE NITROGEN**  
Releases by slow bacterial action to provide consistent 38% nitrogen
- **TURCAM® INSECTICIDE**  
Controls a wide range of turf and ornamental pests
- **PROGRASS® HERBICIDE**  
Controls certain annual grasses and broadleaf weeds in ornamental turf
- **DEL TIC® INSECTICIDE**  
Gives fast knockdown and long-term control of fleas, ticks and other pests
- **ACTI-DIONE® TURF AND ORNAMENTAL FUNGICIDES**  
Control a broad range of diseases on turf grasses and ornamentals

- **BANOL® TURF AND ORNAMENTAL FUNGICIDE**  
Controls pythium and phytophthora
- **PROXOL® 80SP INSECTICIDE**  
Controls white grubs, sod webworms, cutworms and armyworms in fine turf

**NOR-AM**  
NOR-AM CHEMICAL COMPANY  
Wilmington, DE 19803

THE FAIRWAY CLASSICS  
to keep your course in  
top condition



# Commercial Corner



## Agri-Diagnostics

We would like to introduce our easy-to-use test kits for detecting Pythium Blight, Dollar Spot, and Brown Patch. These tests have been developed by Agri-Diagnostics and are being offered in your area exclusively by:

**Grass Roots Turf Products, Inc.**  
Mount Freedom, New Jersey  
201-361-5943

## Koonz Named Hunter's Distributor of the Year

**Bill Koonz, Sr.** of Koonz Sprinkler Supply, Springfield, NJ, was recently named Distributor of the Year by Hunter Industries, a sprinkler manufacturer based in San Marcos, CA. The presentation took place at a national sales meeting in San Diego, CA.

Koonz was honored for outstanding sales and customer service during 1986. A handcrafted tourmaline plaque was presented to him by **Ed and Frances Hunter**, founders of Hunter Industries.

## Blue Tags

A request has come from **Al Radko**. He would like all superintendents to save the blue tags from our seed bags, and send these tags to him at his New Jersey address. Each blue tag that Al collects goes to a seed company which in turn gives \$1.00 per tag to the O.J. Noer Turfgrass Research Foundation. Al thanks us all in advance for our co-operation.

## Utility Vehicle

The new **John Deere 1500 Utility Vehicle** has been designed as a multifunctional vehicle for maximum productivity. The 4-wheel construction and square tube rigid frame provide a low center of gravity for increased operational stability. The 1500 Utility Vehicle can perform as a spreader, sprayer and utility truck, all packed into one compact and dependable unit.

The 1500 Utility Vehicle features a 16 horsepower Kohler-Magnum engine providing excellent power and durability. The synchronized manual transmission features 3 forward speeds up to 11 mph plus reverse.

## New Ryan Turf Care Distributor

**Double Eagle Equipment Company, Inc.** is happy to announce our appointment as the Ryan Turf Care Equipment distributor for Central and Northern New Jersey. We will supply new Ryan equipment, parts, and service consistent with the performance that has earned our valued reputation.

## Soluble Bags

**W.A. Cleary Chemical** will have available their systemic fungicide 3336 in **WATER SOLUBLE BAGS** for the 1987 season. The new **WATER SOLUBLE BAGS** are safe, easy to use, no exposure to chemical dust fumes or residue and no container disposal. Packaged 4 (8 ounce) **WATER SOLUBLE BAGS** in a foil packet/6 packets per case.

## On The Road Again

**Golf Cars, Inc.** announces its move to new and expanded facilities at 4180 Skyrion Drive, Buckingham, PA 18912. New phone number is (215) 340-0880. Office hours to suit the needs of the superintendent are 7:30 am to 4:00 pm. They are the manufacturers authorized exclusive distributor of **CLUB CAR** golf cars and utility vehicles for the following New Jersey counties: Morris, Hunterdon, Somerset, Mercer, Burlington, Camden, Warren, Gloucester, Salem, Cumberland, Cape May and Atlantic. They continue to offer the area's finest sales, leasing and service organization.

**Steven Willand, Inc.** has moved since January 1, 1987. They are now located on Route 206, South of Ross Corner, P.O. Box 9, Augusta, NJ 07822. Telephone Number: 201-579-5656.

## PARTAC<sup>®</sup> GOLF COURSE TOP-DRESSING



### AMERICA'S PREMIUM TOP-DRESSING

HEAT TREATED

AVAILABLE IN BULK OR BAGS

DISTRIBUTED IN N.J. BY:

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

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

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

**GREEN HILL TURF SUPPLY**  
JIM ROACH, 201-938-7007

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

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

# ROCKLAND

## INSECTICIDES FERTILIZERS FUNGICIDES

GRANULAR  
LIQUID  
WETTABLE POWDERS

COMBINATIONS OF  
NITROFORM  
I.B.D.U.  
S.C.U.

GRANULAR  
FLOWABLE  
WETTABLE POWDERS

O  
E  
S  
I  
T  
A  
L  
L

## HERBICIDES

GRANULAR  
LIQUID  
SELECTIVE  
AND  
TOTAL

And  
WITH INSECTICIDES  
And  
PRE-EMERGENCE  
CRABGRASS KILLERS

Ask your supplier or write:

**ROCKLAND  
CHEMICAL CO., INC.**

© Passaic Ave.. West Caldwell, N.J.

# BACK



## HELP WANTED SALES REPRESENTATIVE

JESCO, New Jersey's John Deere Golf & Turf distributor is currently interviewing for sales representatives. John Deere's new line of Golf products will continue to expand during 1987 and so will the opportunities here at Jesco. If you have turfgrass experience, interest in representing a quality line of products, and would like to work for a superior organization, I would like to hear from you. Please call **Bill Daly** at 201-753-8080 for more information.

## FOR SALE!

1975 — Ryan Greensaire II (Good Running Condition)  
 1974 — Giant Vac Leaf Collector (Engine 4 yrs. old, minimum use)  
 1984 — Toro Groundsmaster 62 Twin  
**Contact: Louis Polidor**, Fairmount Country Club, 201-377-8904.

## New Arrivals

**Jim and Judy Snow** are the parents of a new son, **Kevin**, born January 30th. Kevin came in at 7 lbs. 11 oz. Both mother and son are doing well.

**Bruce and Janet Peeples** are the proud parents of a baby girl, **Ellen Margaret**. Congratulations!

## Changes

**Richard Byers**, CGCS, is new Golf Course Superintendent at Fiddler's Elbow, 32 Tree Top Road, White House Station, NJ 08889. Richard, a graduate from Cornell University (1976) was previously at Rutland Country Club, Rutland, VT (1977-1980) and Park Country Club of Buffalo, Williamsville, NY (1980-1986).

**Pat Campbell**, previously from Tara Greens, has joined Basking Ridge Country Club (NEE Pennbrook Country Club).

**New Patron for 1987—Stephen Kay**, Golf Course Architect, based in Purchase, NY is a new patron for 1987. He specializes in long range planning, remodeling and new design, and construction management.

Stephen believes "remodeling should help to create a greater golf course which is a more memorable playing experience."

**Eric G. Shiel**, U.S.G.A. Regional Affairs announced a U.S.G.A. regional conference to be held at the Columbia Country Club, Chevy Chase, Maryland on Thursday, April 9, 1987. For additional information contact **Mr. Shiel** at U.S.G.A. Golf House, Far Hills, N.J. 07931.

**Dr. Paul Sartoretto**, Technical Director, W.A. Cleary Corp. will speak in the morning session. His topic will be: "How Toxic Are Golf Course Chemicals!."

Other topics on the program include a panel discussion on fairway grasses. **Stanley J. Zontek**, Director Mid-Atlantic region will moderate this panel.

"Progress needs the brakeman, but the brakeman should not spend all his time putting on the brakes."

Elbert Hubbard: *Roycroft Dictionary and Book of Epigrams*, 1923

"The crop always seems better in our neighbor's field, and our neighbor's cow gives more milk."

Ovid: *Ars amatoria*, I, c. 2 B.C.

"We can live without our friends but not without our neighbors."

IBID

## CORE AND CATEGORY TEST DATES AND LOCATIONS FOR 1987

LOCATION	DATE	LOCATION	DATE
Atlantic County Extension Service 1200 West Harding Highway Mays Landing, NJ	Apr. 7 May 5	NJ Dept. of Env. Protection Bureau of Pesticide Control 380 Scotch Road West Trenton, NJ	Apr. 13 May 13
Camden County Extension Service 152 Ohio Avenue Clementon, NJ	Apr. 9 May 8	Sussex County Extension Service St. Paul's Abbey (Rt. 206) South of Newton, NJ	Apr. 21 May 21
Monmouth County Extension Serv. 20 Court Street Freehold, NJ	Apr. 15 May 19	Union County Extension Service 300 North Avenue East Westfield, NJ	Apr. 24,29 May 11,27

TEST SIGN-UP NUMBER IS: (609) 530-4133

## GCSANJ Membership News

The following individuals have been accepted for membership in the GCSANJ:

**CLASS B** ..... Kenneth VanFleet, Avalon Golf Club  
 ..... Keith Bunnell, NAEC, Lakehurst Golf Club  
 ..... Steven Bradley, Hopewell Valley Golf Club

**CLASS B-1** ..... Eric Tomzick, Ramsey Golf & Country Club  
 ..... Andy Schuckers, Spring Lake Golf Club  
 ..... Dough Kauffman, Hollywood Golf Club

**CLASS C** ..... Alan Phillips, Fisher & Son  
 ..... Richard Brandel, Steve Willand Inc.

The following change of status requests were approved by the Exec. Committee:

Ed McSeaman, Toms River Country Club	from B1 to B
Ron Mancl, Mendham Golf Club	from B1 to B
Paul Kuehner, Rock Spring Club	from B to A

Membership applications may be obtained from Dr. Indyk's office or from Paul Kuehner. Please send completed applications with a check for dues to Rock Spring Club, Rock Spring Road, West Orange, NJ 07052, 201-736-2154.

# THE GREENERSIDE



# CALENDAR

## Golf Course Superintendents Association of New Jersey

EVENT	DATE	LOCATION	HOST
NJPGA Show	March 30	Aspen Hotel Parsippany, NJ	Steve Jubb
GCSAA Seminar: Environmental and Water Issues in N.E.	April 6-7	Cape Cod, Mass.	Betsy Evans (913) 841-2240
Greenside Deadline	April 15	P.O. Box 143 Skillman, NJ	Jim Gilligan, CGCS (609) 466-1820
GCSANJ Meeting	April 16	Sands Greate Bay CC	Gary Schmidt, Host
MGA Intercollegiate Championship	April 27	Crestmont Country Club	Pete Pedrazzi, CGCS Host
LPGA Classic	May 14-17	Navesink Country Club	Larry Dodge, Host
GCSANJ Meeting	May 21	Rumson Country Club	Jeff Allen, Host

## GCSANJ 1987 Monthly Meeting Schedule

DATE	LOCATION	HOST	TOURNAMENT
April 16	Sands Greate Bay CC	Ken Thompson	Blind 9
May 21	Rumson CC	Jeff Allen	District Tournament
June 25	Knob Hill CC	Terry Sawyer	Two Man Best Ball
July 23	Trenton CC	Gerald Fountain	Four Man Best Ball
August	Lake Mohawk GC	Dick LaFlamme	Scramble
September 17	Hominy Hill GC	Dave Pease	Invitational
October 21	Ridgewood CC	Ed Walsh, CGCS	Championship
November 17	Forgate CC	Bob Ribbans, CGCS	Annual Meeting



# 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 Snagusky  
(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
- BIG TREE NURSERY**  
Tree Spades for Hire; Suppliers of Nursery Stock  
Stan Lubowicki  
(201) 254-8834
- 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 – Stan Stevenson  
(609) 799-4101
- W.A. CLEARY CHEMICAL CORP.**  
Turfgrass Chemicals  
Barbara Cleary  
(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 – Bob Vail – Sam Baird  
(609) 586-4000
- ★**FAIRWAY GOLF CAR & TURF EQUIPMENT CO.**  
Golf Vehicles – Buntun Mowers  
Ron Kotz – Bob Petre  
(201) 575-0995
- FERTIL-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
- VIC GERARD GOLF CARS, INC.**  
Golf & Utility Vehicles; Battery Whse. Dist.  
Vic Gerard  
(201) 938-4464
- GOLF CARS, INC.**  
Golf Cars, Turf and Utility Vehicles  
Albert Wunsch – Luke Martin – Bill Wister  
(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 – Peter McCormick – James C. Taft, Jr.  
(609) 585-2300
- JONATHAN GREEN INC.**  
Grass Seed, Fertilizer, and Turf Chemicals  
Barry K. Green II – Ed Barbano – Rip Rippel  
(914) 938-7007
- HARFORD INDUSTRIAL MINERALS**  
Sands, Top Dressing Materials  
Jack Montecalvo – Dorothy Stancill  
(609) 965-3414 (301) 679-9191
- ★**JESCO, INC.**  
Turf Maintenance Equipment  
William "Bill" Daly  
(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  
Bill Nist  
(201) 329-4011
- LEON'S SOD FARM**  
Sod Grower  
Samuel Leon – Irene Leon  
(201) 996-2255
- LOFTS INC.**  
Turf Seed and Fertilizer Supplier  
Dr. Rich Hurley  
(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 Grass – 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  
Russell P. Balunis – Michael Stair – Roy Malpas  
(201) 356-0858
- O.M. SCOTTS & SONS**  
Fertilizer, Chemical Sales  
Fran Berdine (914) 361-4105  
Steve Rudich (215) 253-4003
- SHEARER/PENN**  
Tree Surgeons  
Dena Dobenski – Steve Willard  
(609) 924-2800
- 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
- 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**  
Turfgrass Supplies  
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  
Bill Rapp – Kurt Wagner – Mark Ericson  
(201) 227-5656
- VAUGHAN'S SEED COMPANY**  
Grass Seed; Golf Course Supplies  
Charles Walkiewicz – Sky Bergen  
(201) 356-4200

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 • Wyckoff