

THE GREENERSIDE

March - April 1992 • Volume 15 Number 2

Springtime in New Jersey

The first day of spring for 1992 is **March 20th**. It's also called the **vernal equinox**, which is the day when the period of daylight and darkness are equal. It was an important date for agricultural societies in the age before good scientific understanding. Today it's an important time for golf course superintendents who want to be well prepared for the upcoming season. Getting ready today is far more complicated than it was just a few years back. Fortunately, the golf course superintendent in New Jersey has some pretty sophisticated resources to help out.

We use expensive equipment, pesticides and fertilizers to keep the course in top shape. To get the most out of these aids, it's important to have that equipment in top condition and well calibrated. The company representatives and technical service personnel can give you information specific to their products. The state cooperative extension service, however, is prepared to give you the broader picture. Rutgers has published and made available through the Cooperative Extension service offices a series of fact sheets that can be obtained for **free**: **FS 197** on the "Toxicity of Pesticides"; **FS 198**, "Disposal of Pesticides"; **FS 199** "Protective Equipment for Using Pesticides"; **FS 320** "Storage of Pesticides and Their Containers"; **FS 176**, "Calibrating Field Sprayers" and **FS 178**, "Calibrating Knapsack Sprayers and Hand Guns".

Professional associations also offer a wealth of information to their members. Getting the right information can save valuable time and prevent losses. The GCSAA is an excellent source for helping you get ready for the season. The monthly publication, "Golf Course Management", and the regional seminar programs are available through the touch of a phone: **1-(800) 472-7878**. Don't forget your fellow GCSANJ members and "The Greenside" for some of those hard-to-find-out local answers. **See in this issue Dr. Bruce B. Clarke's research report on Summer Patch Control in Turfgrass.** The Alliance for Environmental Concerns also serves its members on a variety of pesticide related questions.

If your plans include the use of carbamate or organophosphate insecticides on a regular basis, consider obtaining a cholinesterase base line for those who are mixing and

applying the product. Each individual's base line is different and it must be established before the spray season begins.

Education isn't always found in a classroom, though. New Jersey also offers a wide variety of living laboratories.

Winter and spring tree identification can be learned through guided tours of the state botanical garden at Ringwood. To contact them, call **(201) 962-6800** or to reach the caretaker, Mr. Flynn, call **(201) 962-4353**. The New York and Brooklyn Botanical Gardens are, for most of New Jersey, just a few miles away.

This, I hope, has served as a reminder of all that New Jersey has to offer for the springtime.

In this issue



Editorial	2
President's Message	3
GCSANJ News	4
It's that time of the year again	9
Summer patch control in turfgrass	10
Pesticide runoff study proposed	13
Mechanics Association gets started	14
Willet Wilt	15
X marks the spot	16
Superintendent Profile	17

THE GREENERSIDE

GCSANJ Newsletter is published six times a year by the Golf Course Superintendents Association of NJ, 66 Morris Ave., P.O. Box 359, Springfield, NJ 07081

Ilona Gray, Editor
Glenn Miller, Ken Krausz,
Newsletter Business Staff
John Fenwick,
Edward Walsh, Shaun Barry,
Paul Powondra
Contributing Writers

Please address inquiries to:
The Greenside, Editor,
P.O. Box 3672, Wayne, NJ
07474-3672.

For Ad Placement: Ilona Gray,
(201) 595-7172

Art and Typography by
Association Management
Corporation, Springfield, NJ

© 1992 THE GREENERSIDE

GOLF COURSE SUPERINTENDENTS ASSOCIATION OF NEW JERSEY

66 Morris Ave., Springfield,
New Jersey 07081

Officers

David Pease, President
Chris Carson, Vice President
Thomas I. Grimac, CGCS, Secretary
Martin G. Mantell, CGCS, Treasurer
Stephen P. Finamore, CGCS,
Past President

Directors

District 1 Ken Krausz, CGCS David Mayer	District 3 Paul Powondra Glenn A. Miller
District 2 Ron Mencl Chris M. Gaynor, CGCS	District 4 Ken Thompson John Carpinelli

Executive Secretary

Judy Policastro

Commercial Representatives

Steve Chirip Shaun Barry

Opinions expressed in this Newsletter are the opinions of the authors and do not express the opinions or policies of the GCSANJ Board and its membership.

EDITORIAL



On being an advocate

"With environmental awareness at the forefront of societal concern," says Golf Course Superintendents Association of America President Stephen G. Cadenelli, "every superintendent must take an increased responsibility as a professional envoy. It is up to us to diplomatically assert the environmental benefits and explain the agronomic needs of successful golf course management." This is a direct quote from the February 1992 issue of "Golf Course Management". At the New Orleans meeting, the GCSAA brought environmental issues to an even higher level by sponsoring a major seminar on the subject.

Throughout 1991, "The Greenside" focused on giving its readers the information they needed to be advocates of environmental issues and the golf course industry. Many golf course managers must deal with environmental critics, and, therefore, welcomed this information. Articles reflected the current media concerns on golf courses. These included groundwater, pesticide exposure, use of fertilizer, avian pests and others. Environmental issues will remain central to any industry that involves altering an ecosystem for man's benefit. That covers a lot of territory and a lot of industries.

Since the Golf Course Superintendents Association of New Jersey faces issues beyond the environment, "The Greenside" has to report on a broad number of issues and areas of interest. It has to be well rounded to be a successful communication tool for the GCSANJ. This includes articles on people management skills, association news, the latest agronomic techniques, some humor and ideas and facts that help the membership do a better job. A lot of these stories come from our GCSANJ members. Our membership has always been the best source of what's important for our readers. As your editor, I depend on these contributors and, in turn, help them produce quality work. **If you would like to join the ranks of those who have published an article in "The Greenside", please give me a call at (201) 595-7172. Your point of view is important and we need to hear from you.**

"The Greenside" is a generally well read magazine. I know because each issue brings new callers who are excited and interested in what was published. "Well read" is a description that our advertisers also like to hear. Their support makes "The Greenside" possible. So, whenever you can, patronize our advertisers and patron sponsors. The back inside cover of each issue of "The Greenside" is a handy phone list of patrons. **If you do business with an advertiser or patron, please tell them that you saw their ad in "The Greenside".** Good news travels fast, so please keep it coming!

Wishing you all a successful spring and 1992 season.

Ilona Gray, Editor

PRESIDENT'S MESSAGE



Foundation for success

David Pease
President, GCSANJ

Elected representatives are at your disposal for membership activity. Should you have questions on the direction of your association, or desire to get involved with a

particular committee, the following is a list of committees and their chairmen.

The notoriety of such committee activity has been somewhat obscure to the General Membership. The punch of this report is to enlighten the Association as to the avenues and extent of committee activity.

The Executive Board meets approximately once every four weeks. Committees are chaired by Executive Board members. The Committees are comprised of board and non-board members.

The following is a breakdown of the committee structure:

- Newsletter:** Glenn Miller, Chairman, Ken Krausz, Ilona Gray
- Meetings and Speakers:** Dave Mayer and Shaun Barry
- National Delegate:** Steve Malikowski, Chairman
- Field Day:** John Carpenelli, Chairman, Steve Chirip, Ron Mencl
- Association Relations:** Steve Finamore, Tom Grimac, Chris Carson
- Invitational Tournament:** Shaun Barry, Chairman
- Benevolent:** ENTIRE BOARD
- Membership and Roster:** Marty Mantel and Ron Mencl
- Club Relations:** Steve Finamore, Chairman, Tom Grimac
- Golf:** Shaun Barry, Chairman, Ken Thompson
- Education:** Tom Grimac, Chairman, Glenn Miller
- Organizational Study and By-Laws:** Chris Carson
- Finance:** Marty Mantel, Chairman, Chris Carson
- Scholarship and Research:** Paul Powondra, Chairman
- Government Relations:** Paul Powondra, Chairman, Bob Dickison and Gerald Fountain
- Commercial Representatives:** Steve Chirip, Chairman, Shaun Barry
- Public Relations:** Chris Gaynor, Chairman, Ken Thompson
- Merchandise:** Dave Mayer, Chairman
- Public Golf Superintendents:** Ken Krausz, Chairman, A. Shuckers
- Ethics:** Steve Finamore, Chris Carson and Paul Powondra

Areas in need of membership involvement would be

reporters for "The Greenerside".

We have an extensive catalog for GCSANJ merchandise including sweaters, shirts and jackets. You need only contact your representative for such apparel.

Methods for "Membership Services" is derived directly from committee activity. The importance for communication between the general membership and their committee chairman is paramount for the success in fulfilling membership needs. I encourage you as members to take advantage of this opportunity.

If you should have concerns about certain committees or input related to such committees, please contact those representatives.

Calendar

- March 25-26** **Landscape Construction: A Demonstration of Techniques -** New Brunswick, NJ. Contact: Office of Continuing Professional Education, Cook College, (908) 932-9271.
- April 24-25** **Lake Management -** New Brunswick, NJ. Pesticide recertification credits in category 5, aquatic weed control. Contact: Office of Continuing Professional Education, Cook College, (908) 932-9271.
- April 27** **GCSANJ Monthly Meeting -** Medford Village Country Club. Contact: Judy Policastro, (201) 379-1100.
- May 13-14** **Public Recreational Bathing: Pool Operators on Location -** New Brunswick, NJ. **Attention Club Managers:** For information, contact Office of Continuing Professional Education, Cook College, Rutgers University, P.O. Box 231, New Brunswick, NJ 08903. Telephone: (908) 932-9271.
- May 18** **GCSANJ Monthly Meeting -** Suburban Golf Course. Contact: Judy Policastro, (201) 379-1100.
- June 15** **GCSANJ Monthly Meeting -** Fairmount Country Club. Contact: Judy Policastro, (201) 379-1100.



GCSANJ NEWS



OUR FAMILY TREE

I have always been amazed at Sky Bergen's attempt to name all of the New Jersey attendees at our national convention. Invariably, he comes ever so close only to miss someone. With 17,000 people in attendance, that is to be expected. When, however, a person forgets to include a former president's name with a list of other presidents, they really goofed.

Sherwood Moore did attend the President's Ball last Fall and it was noted that he had been a president of the GCSAA. He is as equally proud of having been president of the GCSANJ in 1953 and 1954. I omitted that fact in my article in the last "Greenerside".

How could I have missed him? He is one of the most well known and highly thought of individuals in our industry! The answer is simple and stupid. I did not know. Hopefully, I am in the minority, but in case I am not, a complete list of our leaders is included below. Some of

these people are no longer with us, but what you have been taught in college is a direct result of what they learned on their own. They are the parents and grandparents of our industry. They ask for nothing, but they have earned our respect. Give them that respect by remembering their efforts.

SHAUN BARRY

Past Presidents Golf Course Superintendents Association of New Jersey

1926-29	Fred J. Roth
1930-31	H.T. Isleib
1932-33	John Anderson
1934-35	Victor Eaton
1936-37	Lewis F. Weiland
1938-39	John Cameron

(Continues on next page)



On Course™ Professional Turf Fertilizers

Developed to meet the highest standards in turfgrass management

- Golf Courses
- Athletic Fields
- Corporate Parks
- Cemeteries
- Commercial Turf

West Coast Affiliate
SEED RESEARCH
OF OREGON, INC.

P.O. BOX 373
DAYTON, NJ 08810
800-522-4769



Committed to providing reliable, dependable service
and the best in quality lawn and garden products.



GCSANJ NEWS

1940-41	Edward B. Cale
1942-45	Alexander Reid
1946-47	H.T. Esleib
1948-50	Alfred J. Rathjens, Sr.
1951-52	Edward J. Casey
1953-54	Sherwood A. Moore
1955	Melvin B. Lucas, Sr.
1956-1957	Joseph Stemmler
1958-1959	Frank Svehla
1960	Joseph E. Flaherty
1961-62	William R. Riley
1963-64	Albert H. Foster
1965	Joseph Malikowski
1966	Robert Kapherr
1967	Gary Crothers
1968-69	Donald S. Marshall
1970	Alfred Caravella
1971-72	John Martin
1973-74	Maurice Cameron
1975	Alfred J. Rathjens, Jr.
1976-77	Paul Boizelle
1978-79	Joseph R. Flaherty
1980-81	Jack Martin
1982	Edward Nickelson
1983-84	Robert Dickison
1985-86	Robert Ribbans
1987-88	Edward Walsh
1989-90	Steve Finamore
1991-92	Dave Pease

NEW ORLEANS HOSPITALITY

Our national show in New Orleans is over, but the memories will remain long after. The many sounds of Bourbon Street have faded. It is a beautiful city with a complete variety of attractions. It seemed that everyone enjoyed themselves as they explored.

While meeting people from all over the world was a highlight of the convention, most of us still longed for a touch of home. That need was filled by our hospitality suite. For two nights, Connecticut and New Jersey provided a meeting place for kindred spirits. It was not a true oasis, but it did give us a chance to unwind in a foreign atmosphere.

Next year, if we continue with the suite, it will be better publicized. We will always face the problem of not knowing our room number until 48 hours before the room

(Continues on next page)



RALPH MCGILLAN
Excavating Contractor

Specializing in Lakes & Ponds

Over 25 years experience in building new ponds,
enlarging & redesigning existing ponds.
Can get all DEP permits

(609) 655-2281
17 Stockton Drive, Cranbury, NJ

AQUA-FLO[®]

Inc.

Buckner[®]

DISTRIBUTORS

- Golf Courses
- Estates
- Athletic Fields
- Commercial
- Floating Aerators
- Custom Built Pumping Systems

25 years of quality service

AQUA-FLO, INC.
320 Basin Road • Hammonton, NJ 08037 (609) 561-1777
1-800-524-0895 (outside NJ)
4155A Westfax Drive • Chantilly, VA 22021 (703) 968-7081



GCSANJ NEWS



opens. The dates, times and hotel, however, will be announced in "The Greenside". Plan on attending. You may get to see the president of the GCSANJ in his role as a replacement bartender. It was a thing of beauty.

SHAUN BARRY

NEW MEMBERS ANNOUNCED

We are pleased to welcome four new members to our association: **Diane Elwood**, Howell Park; **Paul Snyder**, Montclair Golf Club; both B-1; **Craig Theibault**, Theibault Landscape Designer, Inc., C; and **Hugh Knowlton**, Bergen Community College, D.

Ken Thompson, Stone Harbor, and **Joseph Beaudoin**, Fairway Mews, have been reclassified as A members. **Michael Vacciano**, Glen Ridge C.C., and **Timothy Garceau**, Orange County G.C., have been reclassified as B members. Congratulations to all.

MARTY MANTELL, CGCS
Membership Committee

BOYERS HAVE GIRL

Kerry Boyer, Superintendent at Overpeck G.C. and his wife, **Clair**, are the proud new parents of **Breege Marie Boyer**. All are doing well. Congratulations to the Boyer family.

DISTRICT 4 MEETING

Avalon Golf Club and superintendent, **Ken Vanfleet**, hosted a District 4 Meeting on February 3. Several years ago, the clubhouse had been renovated, making it an ideal meeting place. An excellent lunch was served compliments of the club and Ken.

After lunch, directors **John Carpinelli** and **Ken Thompson** led discussions on a variety of topics. Ken encouraged members to offer assistance to **Phil Scott** with preparations for the LPGA event at Grete Bay in June.

(Continues on next page)

Pro-Lawn™

*Products you need,
people you can count on.
Whatever your
turf-management needs.*

- FERTILIZERS
- CHEMICALS
- TURF SEEDS
- CUSTOM MIX

Pro-Lawn has a turf-management expert in your area.

Call Today! 1-800-437-9618

Lake Hopatcong, NJ 07849
Craig Lambert
(201) 663-3368

Langhorne, PA 19047
Ingrid Kern
(215) 750-1732

Wrightstown, NJ 08562
Brad Simpkins
(609) 758-7620

The future of turf management



RES. 201-992-2335

BUS. 201-227-7183

Alan G. Cruse, Inc.

GOLF COURSE & LANDSCAPE MATERIALS
DECORATIVE STONE • WHITE SAND • TOPSOIL
HUMUS-TEE & GREEN MIX • BARK MULCH
EARTHLIFE

Established 1953

460 HORSENECK RD.
FAIRFIELD, NJ 07004

★ **BENT GRASS** ★
FESCUE & BLUEGRASS

JADE RUN
TURF & SOD FARM

P.O. Box 425, Buddtown Road
Vincentown, NJ 08088

(609) 859-2400
1-800-332-1220





GCSANJ NEWS



Steve Malikowski reminded everyone to visit the joint GCSANJ, Connecticut Superintendents Hospitality Suite in New Orleans. Steve also offered to host the next district meeting in March or April.

The treasurer's report was presented by Rick Broome, and to the amazement of everyone, the district is in the black. This in spite of the fact that Bob Prickett and his ever present 50/50 tickets were unable to attend. Underwriting a ski trip, fishing trip or the August Meeting were discussed as uses for the surplus. John Carpinelli, Bernie Stuck and Pat Wall expressed an interest in possibly hosting a future district meeting.

An effort is being made to update the mailing list in the hopes of increasing attendance at future meetings. The meeting was adjourned after several members were asked to volunteer to write district reports for "The Greenside".

Following the meeting, Ken invited everyone to play the course. A few hardy (foolhardy?) souls ventured out on the cold, blustery day. (Most of the wind was caused by

our esteemed visitor from the north moaning about strokes, again.) Those who played extend kudos to Ken and his crew for maintaining the course in such excellent condition, while hosting 80,000 rounds (that's no misprint) per year.

The district would like to thank Ken Vanfleet and the entire staff at Avalon Golf Club for a most enjoyable day.

PHIL O'BRIEN, Aquatrols
KEVIN DRISCOLL, Lofts Seed Inc.

A VALUABLE LEARNING EXPERIENCE

On January 7, 8 and 9, I attended a three-day seminar. The seminar was an introduction to turfgrass management. This new and innovative program was held at Cook College. The program was designed specifically to benefit crew members who have less than two years experience and lack a formal education in golf course turf management.

(Continues on next page)

THE BEST NAMES IN TURF CARE

JACOBSEN
Commercial Products

WHITE line markers



FMC

TURF RUNNER

JEP | Sales Inc.
211 Yardville-Hamilton Square Rd.
P. O. Box 11126
Yardville, New Jersey 08620
609-585-2300
FAX: 609-585-8977

YAZOO

Aer & Way



HIJET



ROBIN
OUTDOOR POWER EQUIPMENT

SMITHCO

Specialists in Turf Maintenance Equipment

PARTAC®
GOLF COURSE
TOP-DRESSING



TERRA-GREEN®
SUPER-GREEN

TYPAR®
GEOTEXTILES & TURF COVERS

AMERICA'S PREMIUM TOP-DRESSING
HEAT TREATED

AVAILABLE IN BULK OR BAGS

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

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

PARTAC PEAT CORPORATION
KELSEY PARK, GREAT MEADOWS, NEW JERSEY 07838

908-637-4191



GCSANJ NEWS



This groundbreaking program was arranged by **Mike Mongon** of Arcola Golf Club. He successfully offered students a variety of topics and an interesting group of presenters. The majority of presenters were golf course superintendents from the metropolitan area. A few of the topics presented were turf failure, turf re-establishment, identifying and treating common turf grass diseases, mowing practices and irrigation methods. The role of pesticides and their benefits to the golf course, along with environmental safety issues, were brought to our attention as well.

Thanks to Mike Mongon and the various speakers who contributed their valuable time towards making this seminar a valuable learning experience.

ALLEN N. JORDAN
Ridgewood Country Club

ANDY SCHUCKERS RECEIVES HONOR

Andy Schuckers, superintendent/general manager for three years at the Darlington Golf Course in Mahwah, has been honored as county employee of the year for 1991. Nominated by Lawrence E. Williams, former Mayor of Waldwick, who said, "Andy Schuckers deserves the County Employee of the Year Award because he has taken a 'run of the mill' county recreation facility and turned it into a recognized golf course, statewide, and a leading asset to Bergen County."

This is the first time the County of Bergen has run an event of this kind and it is anticipated to be an annual event, says Director of Parks, Wolfgang Albrecht, Jr. The awards committee, an independent group of non-Bergen County professionals, voted Andy into the top three after receiving an overwhelming number of nominations. In an effort to identify the top quality professionals throughout the county, the nominations were open to every parks and recreation employee in the 70 municipalities in Bergen County.

Andy was honored at an awards dinner which was held at The Princess in Lodi on Feb. 27, 1992. Good luck and congratulations on a job well done.

SCHOLARSHIPS GRANTED

The recipients of the GCSANJ Turf Scholarships for 1991-92 have been selected. They are as follows:

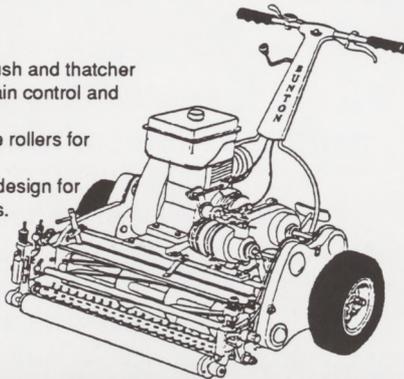
- **Robert Pierpoint** is attending Penn State University, majoring in Agronomy and Turfgrass Management. He has

(Continues on page 12)

BUNTON 22" and 26" Greensmowers — The Premier Choice Of Golf Course Maintenance Pro's.

FEATURES:

- Powered rotary brush and thatcher attachments for grain control and healthy turf.
- Dual powered drive rollers for straight cuts.
- Non-floating head design for true cutting heights.



see your Bunton dealer.

Double Eagle
EQUIPMENT COMPANY, INC.
285 Dayton-Jamesburg Road
Dayton, New Jersey 08810 • (908) 329-9292

With Country Club, a great-looking course is in the bag.



- * Homogeneous Granulation
- * High Methylene Ureas (W.I.N.)
- * Great N-P-K Ratios
- * Agronomically Correct
- * Contact Your Local Lebanon Distributor

COUNTRY CLUB
The Better Choice For Better Turf
Country Club is a registered trademark of Lebanon Chemical Corporation.

Lebanon, PA (800) 233-0628 • Dayton, NJ (201) 329-4011

It's that time of the year again



It's that time of the year again. You know, the winter time. When all the members and all my friends ask, "What do you do now that the season is over?". It seems that because the golf season is over, so is our work, **NOT**. How many times have you had to explain about budget preparation and equipment maintenance. If it was not for the winter time, my tree work would never get done.

How about vacations, my crew can only take vacations during the winter. I tell people I am going to become "the king of winter vacations". Do not forget seminars and conferences in the winter. No time during the season. Prime Rib tastes good, but by April 1, I hope that I do not see it again until next winter.

It is January 31 and I am doing nothing now, **NOT**. I have had a heating contractor in my shop for the past week installing a gas heat system because I have to remove my oil tanks. I also have a fire protection company here installing a sprinkler system in my shop. The manager is on vacation and the cart company is here to deliver 70

carts and install tops on them. All of this is going on before 10 a.m. and the golfers want to know when the frost is going to lift. We will put out over 140 rounds by the end of today and they all want to get going. I can not type this today because with all the contractors working here, the electricity is turned off in my office.

The winter is half over and the contractor has not started the pond work yet and let's not forget the oil and gas tanks that have to be removed and new fuel tanks installed. The Golf Course Architect is meeting me next Friday at 6:45 a.m. to let me know what work has to be done by the spring.

Well, it is time to finish my report for my commission meeting, so I have to go now. Next time someone asks me what I do

all winter, I will give them my normal answer, "Drink beer and play cards" and after I see the look on their face (it is always the same), I will give them a copy of this article instead of having to take the time to explain it to them.

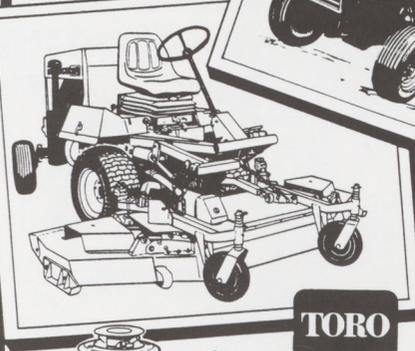
I do not know about you, but I can't wait until the spring when the fun part of this job starts. Between now and then, don't forget about the bid openings and awarding them in time so we are ready to work when we need the materials.

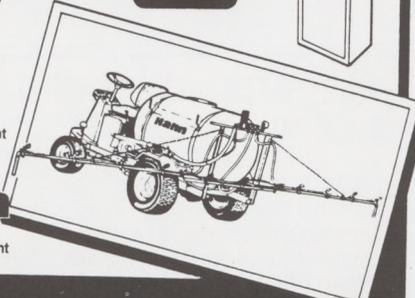
Here is hoping you all have a good year.

KEN KRAUSZ, CGCS

(P.S. We are not the only ones facing such statements. I showed this article to a friend who is a Minister at a local church and he laughed and said everyone asks what he does the rest of the week because he only works for one hour on Sunday.)





STORR TRACTOR CO.

3191 U.S. Highway 22
Somerville, N.J. 08876
201-722-9830

1385 Lakeland Ave.
Bohemia, L.I., N.Y. 11716
516-589-5222



Poa Free

Pennsylvania Grown PENNCROSS

BENTGRASS SOD

CALL 800-USA-TURF or 717-898-5000



An integrated approach to Summer patch control in turfgrass

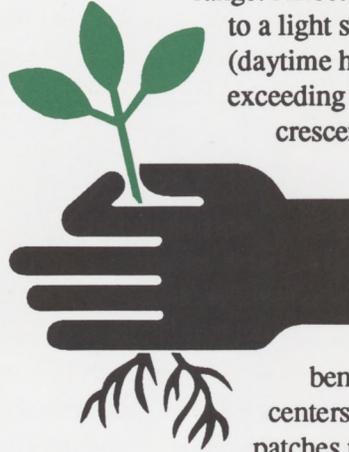
by Dr. Bruce B. Clarke
Extension Specialist in Turf Pathology
Rutgers University

Summer patch was first recognized as a disease of cool-season turfgrasses in 1984. Prior to that time, it was an unidentified component of Fusarium blight. Summer patch has been reported in North America on fine fescue and Kentucky bluegrass. The casual agent has also been isolated on occasion from bentgrass and perennial ryegrass. The disease generally occurs on turf that has been established for more than two years.

SYMPTOMS

On Kentucky bluegrass, symptoms first appear in early summer as small, circular patches of wilted turf 1.5

to 3.5 inches in diameter. Patches may enlarge to more than 24 inches, but generally remain in the 2 to 12 inch range. Affected leaves rapidly fade from a grayish-green to a light straw color during sustained hot weather (daytime highs 82 to 95°F and nighttime temperatures exceeding 68°F). Irregular patches, rings, frog-eye and crescent patterns may also develop and coalesce into large areas of blighted turf.



In mixed stands of bentgrass and bluegrass maintained under putting green conditions, patches are circular and range from 1 to 12 inches in diameter. As annual bluegrass yellows and declines, bentgrass species frequently recolonize patch centers. On fairways and lawns, rings or frog-eye patches may not develop. In such cases, symptoms may appear as diffuse patterns of yellowed or straw colored turf that are easily confused with heat stress, insect

(Please turn to page 11)



WHITE MARSH, MD.

1-800-899-SOIL (7645)
FAX (301) 335-0164

Sterilized Top Dressing

Our top dressing is formulated especially for your area to specifications recommended by leading universities and testing laboratories.

EXCLUSIVE! All materials 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.

Computerized blending of soil mixtures for a superior growing medium.

Green and tee construction materials and mixes conforming to specifications are available.

Custom on-site soil blending and testing with a portable computerized blender to meet your specifications are available.

Available in
New Jersey through
**Ferti-Soil
Turf Supply, Inc.**



Marty Futyma
(201) 322-6132

NATURAL ORGANIC
FERTILIZER

Milorganite®

4% Iron
Activated Sewage Sludge

METRO MILORGANITE
365 Adams St.
Bedford Hills, NY 10507

Processed Only By
Milwaukee Metropolitan Sewerage District
Milwaukee, Wisconsin



STULL EQUIPMENT COMPANY

TURF and INDUSTRIAL DIVISION

201 WINDSOR RD. • POTTSTOWN, PA 19464

AUTHORIZED DEALER FOR:

BUNTON REEL MOWERS • CUSHMAN TURF
CUSHMAN FRONT LINE MOWERS
CUSHMAN INDUSTRIAL & COMMERCIAL VEHICLES
RYAN TURF MAINTENANCE EQUIPMENT
RANSOMES TURF EQUIPMENT
HOWARD PRICE TURF EQUIPMENT
S.D.I. SPRAYING EQUIPMENT
VICON SPREADERS • BECK TRAILERS
MITSUBISHI MIGHTY MITS TRUCKS

800-724-1024

Summer patch control in turfgrass



(Continued from page 10)

damage or other diseases. Infected roots, rhizomes and crowns turn brown as they are killed. Examination of these tissues typically reveals a network of sparse, dark brown to black, ectotrophic hyphae from which hyaline penetration hyphae invade the underlying vascular tissue. In the latter stages of infection, vascular discoloration and cortical rot are extensive. No fruiting structures have been observed under field conditions.

CAUSAL AGENT

Magnaporthe poae Landschoot and Jackson, the causal agent of summer patch, is a newly described fungus whose asexual stage had previously been misidentified as **Phialophora graminicola** (Deacon) J. Walker. The fungus forms dark brown to black, septate, ectotrophic runner hyphae on roots, crowns and rhizomes of turfgrass hosts. Sexual fruiting bodies, which have only been observed in culture, are black, spherical and have long cylindrical necks.

DISEASE CYCLE

The pathogen is believed to survive the winter months as mycelia in previously colonized plant debris and in perennial host tissue. Colonization and suppression of root growth has been shown to occur between 70 and 95°F under controlled environmental conditions, with optimum disease development at 82°F. In the field, infection commences in late spring when soil temperatures stabilize between 65 and 68°F. The fungus moves from plant-to-plant by growing along roots and rhizomes. Symptoms develop during hot (86 to 95°F), rainy weather or when high temperatures follow periods of heavy rainfall. Patches may continue to expand through the summer and early autumn and are often still evident the following growing season. Summer patch may be spread by aerification and dethatching equipment as well as by the transport of infected sod.

(Please turn to page 12)



SHEARON
ENVIRONMENTAL DESIGN CO., INC.
5160 Militia Hill Rd., Plymouth Meeting, PA 19462

*A FULL LINE GOLF COURSE ARCHITECTURAL
DESIGN-BUILD COMPANY SPECIALIZING IN:*

- GOLF COURSE ARCHITECTURAL SERVICE
- GOLF COURSE REDESIGN & CONSTRUCTION
- GOLF COURSE IRRIGATION SYSTEMS
- SEEDING, SODDING, GRADING
- LARGE TREE TRANSPLANTING
- ARBORICULTURE SERVICES
- CLUB HOUSE & POOL DESIGN
- FULL LINE LANDSCAPE SERVICES

We service Pennsylvania, New Jersey, Delaware and Maryland. For information contact our Pennsylvania office at 215-828-5488 or our New Jersey offices in Voorhees 609-424-1727 or Princeton 609-466-0666. Please ask for our client reference list. FAX # 215-828-9164.

Used Equipment for sale

1980 Ford 531 turf tractor
\$5000

50HP diesel, dual clutch, P.T.O., 3 pt hitch, 4000 hrs.

1989 Chem pro 20' spray boom
\$300

Three section folding boom set up for Cushman
trucksters

1980 Roseman hyd fairway mowers
\$1000

7 units w/power pack for mounting on 3 pt hitch, 6 blade
reels, 15' cut

Roseman rough unit
\$500

pull behind units, 5 mowing units, 5 blade reels, 11' cut

Contact-
Bob Dickison
Upper Montclair Country Club
Clifton, NJ
(201) 916-5391

Summer patch control



(Continued from page 11)

EPIDEMIOLOGY

Summer patch is most severe during hot, wet years and on poorly drained, compacted sites. Although heat stress plays an important role in disease development, drought stress is usually not a predisposing factor. Under ideal conditions, the causal agent can spread along roots, crowns and stem tissue at a rate of up to 1.5 inches per week. Symptom expression has been shown to increase with the use of nitrate-based fertilizers, arsenate herbicides and many commonly used contact fungicides. The disease is frequently stimulated when turfgrass is maintained under conditions of low mowing height, high pH (> 6.0), compaction and frequent, light irrigation.

CONTROL

Because summer patch is a root disease, cultural practices that alleviate stress and promote root development will reduce disease severity. Since low mowing enhances symptom expression, avoid mowing turf below recommended heights, particularly during periods of heat stress. In the Northeast, symptoms are less apparent when lawns are maintained at a height of 2 to 3 inches and golf greens and fairways are cut at or above 5/32 and 3/8 inches, respectively. Fertilize turf with ammonium sulfate or a slow-release nitrogen source such as sulfur-coated urea. Irrigate deeply and as infrequently as possible without inducing drought stress. Aerification, improving drainage, reducing compaction, and syringing to reduce heat stress are other practices that will aid in the control of this disease.

Overseeding affected areas with perennial ryegrass, tall fescue, or resistant cultivars of Kentucky bluegrass represent one of the most cost-effective means of controlling summer patch. Use mixtures or blends of

resistant turf cultivars or species for best results. Conversion of golf areas from bluegrass to bentgrass will also reduce disease incidence.

Fungicides are available that can effectively control summer patch. Applications should commence on a preventative basis in late spring or early summer when soil temperatures stabilize between 64 and 68°F. Systemic fungicides, such as fenarimol (Rubigan), propiconazole (Banner), triadimefon (Bayleton), and the benzimidazoles (i.e., Tersan 1991 and Cleary 3336), have proven to be most effective but must be applied at high label rates. Repeat two to three times at 21-28 day intervals for best results. Efficacy is enhanced when products are applied in at least 4 gallons of water per 1000 square feet. The continued use of contact fungicides at high label rates may stimulate symptom severity.

The author would like to express his sincere thanks to the GCSANJ and the Metropolitan GCSA for supporting this research.

GCSANJ NEWS

(Continued from page 8)

worked at Ardsley Country Club under his father, George.

- Vivian (Tony) Gordon completed the second year of the Rutgers Winter School recently. He has been working at Rock Spring Club, where Wayne Remo is Superintendent.

These two individuals will be invited to one of GCSANJ's monthly meetings later this year where members can get to meet and know them. GCSANJ congratulates them on their commendable academic and professional efforts.



SERVING ENTIRE
MID-ATLANTIC
REGION

- Environmental Audits
- Site and Remedial Investigations
- Underground Storage Tank Closures
- Environmental Drilling and Consulting Services
- OSHA Trained and Certified
- Single Source Contractor/Consultant

TARGET ENVIRONMENTAL CO., INC.

P.O. BOX 703/NEWFIELD, NJ 08344
NJ 609-692-7575 PA 215-735-7004 FAX 609-692-8685

MUNTHNER'S SPRAYING SERVICE, INC.

Complete Golf Course Spraying since 1947
Fairway Programs
References Available
Owner - Operator

Larry Munther
(201) 540-9764

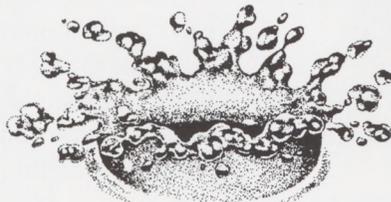
9 Shadyside St.
Morristown, NJ 07960

Pesticide runoff study proposed



The New Jersey Department of Environmental Protection and Energy (NJDEPE) Pesticide Control Program (PCP) is interested in conducting a monitoring program for pesticides and fertilizers on New Jersey golf courses.

The monitoring program will seek to evaluate the use, accumulation and runoff of pesticides from golf courses. Application records of the courses will be examined to determine peak pesticide and application periods. Samples will be obtained during these peak periods, especially just after significant rainfall if possible. The data collected will be used to assess the potential risk posed by the pesticides and fertilizers and to aid in the development and refinement of guidelines and management practices for pesticide applications on golf courses. The data will not be utilized for compliance purposes.



All costs associated with sampling will be borne by the Pesticide Control Program. All sampling will be accomplished at a minimum of disruption to normal course operation. The NJDEPE Division of Fish, Game and Wildlife will also be involved in the project.

The PCP is taking a pro-active approach to this environmental situation. The intent is to define the scope of a potential problem and address possible mitigation, with the results useful for both NJDEPE and New Jersey golf courses. All results, conclusions and recommendations will be shared with participating course managers. No data will be published until the study is completed.

To participate in this program or for further information, contact Roy Meyer, NJDEPE Pesticide Control Program at (609) 530-4124.

PAUL POWONDRA

Dramatically improves turf quality while reducing vertical turf growth, clippings and water use

TGR® Turf Enhancer 50 WP improves turf quality, consistency and playability of golf course greens and fairways for 6 to 8 weeks by producing a dense, tightly knit turf stand. It also reduces clippings up to 50 percent and stimulates extended greening for up to 12 weeks when used with a nitrogen fertilizer.

Ask your ProTurf Tech Rep for details.





TGR Turf Enhancer 50 WP

KEEP OUT OF REACH OF CHILDREN
WARNING
 MAY BE FATAL IF INHALED. HARMFUL IF ABSORBED THROUGH SKIN. CAUSES EYE IRRITATION.

ACTIVE INGREDIENT
 Paclobutrazol (±)-(R)-β-(4-chlorophenyl) methyl-a-(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol 50.00%
 INERT INGREDIENTS 50.00%
 Total 100.00%

EPA Reg. No. 538-239 EPA Est. 33967-AU-1 Product of USA
 See Foil Pack for Directions for Use and Additional Precautionary Information.
 Sold by:
 ProTurf Division, The O M Scott & Sons Company, Marysville, Ohio 43041
 © 1990 The O M Scott & Sons Company. All rights reserved.

Net Weight 8 ozs.

SAVE PAR

with GREEN T Liquid Fertilizer!



New
**FOR GOLF COURSES
 & TURF GRASS**



PLANT FOOD COMPANY, INC.
 Manufacturers of Fluid Fertilizers
 Hightstown-Cranbury Station Road, Box 173
 Cranbury, NJ 08512
 609-448-0935 • 1-800-562-1291

Mechanics Association gets started



January 13 marked the first official meeting of the New Jersey Golf Course Mechanics Association at the Echo Lake Country Club. Over 30 mechanics and golf course superintendents were in attendance as the NJGCMA elected officers and appointed committee chairmen for the 1992 year.

Ray Schroeder, Crestmont C.C., is the association's first president. **Bob Lay**, Mountain Ridge C.C., is the vice president. **Wayne Frew**, Echo Lake C.C., was appointed secretary and **Gary Drozdowicz**, Ridgewood C.C., will be treasurer.

The Roster and Equipment List Committee will be jointly chaired by **Mike Kompier**, Rockland C.C. and **Joe Ciecierski**, Rock Spring C.C. A committee to contact equipment manufacturers regarding product update information was also formed. This committee will be chaired by **Paul Givliano**, Green Brook C.C. and **Mike McKenna**, Essex County C.C.

During the meeting, **Pete Pedrazzi** and **Ed Walsh** gave their overviews of what this association can provide for the golf course superintendent and his or her

maintenance operations. Both suggested that exchanging information and experiences, the ability to have input in the educational opportunities that distributors offer and the potential to assist superintendents in their search for a qualified mechanic with a job referral service will be the keys to a successful association.

Those of us who have had their mechanics involved in this association's efforts to get started have already seen what this group can do. Many have utilized the experiences of other courses and their mechanics when purchasing new equipment while some have exchanged parts until an order can be filled by a distributor. Others have assisted a peer in handling the maintenance and/or repair problems of a new or unfamiliar machine.

The GCSANJ has become a successful association utilizing these same ideas. Let's all help this new association by getting your mechanic involved. After all, we have everything to gain.

EDWARD WALSH, CGCS



**THERE'S NOTHING
LIKE IT ON TURE**

THE NEW HR-5111

- 51 HP KUBOTA DIESEL •
- 4WD STANDARD •
- 11 FT CUT •
- CRUISE CONTROL •
- HYDROSTATIC TRANSMISSION •
- HYDRAULIC DECKS—NO BELTS •
- ★ 2-YEAR WARRANTY ★

Wilfred MacDonald, Inc.
340 MAIN AVENUE, CLIFTON, N.J. 07014
201-365-6801

**JACOBSEN
TEXTRON**

Jacobsen Division of Textron, Inc.

Willet Wilt by Ken Kubik

"Working with Budget Cuts"

Willet Wilt has developed a number of cost-saving measures that can be introduced on the golf course during these difficult economic times. The possible saving measures are as follows:

Don't change pin placements. Have seven locations on each green numbered from one to seven. The golfer is to putt to the hole that corresponds with the day of the week.

Replace the Evian and Perrier water in the coolers with pond water.

Make your own tee markers, i.e., recycle old golf shoes from the locker room by painting them red, white and blue.

Take courses in rain dancing in order to save on irrigation.

Don't fertilize. Let cows graze on the fairways—you have probably heard comments about a cow pasture anyway.

Make your own putting cups from old coffee cans. Remember to punch a big hole in the middle for the flag stick. A rake handle can be used for a flag stick and used tee towels for flags. Use magic marker to write the hole number on the tee towel, a.k.a. flag.

Don't get new tee towels—just buy replacement grommets.

Cutting the greens, tees and fairways at the same height will eliminate the need for multiple mowers. If you do this, expect to have slow greens and fast fairways.

Replace the floral plantings on the course with plastic flowers that can be reused every year. These can be cemented into old tires and moved about the golf course wherever needed.

Old tree stumps make good benches. Try to cut the trees required as close to the tee as possible.

Old 55 gallon drums can be used as waste receptacles. Remember to clean out all toxic chemicals and paint them natural colors to blend with the environment.

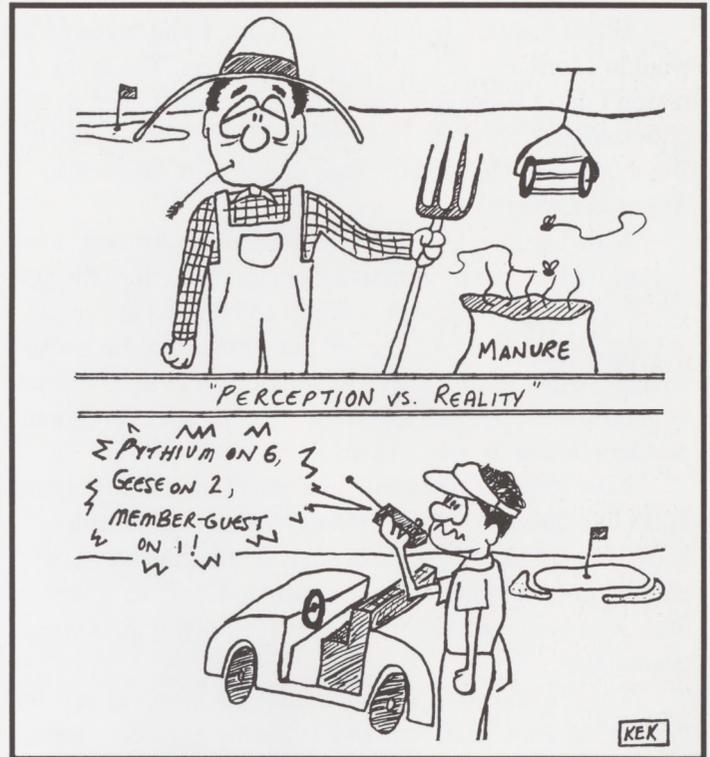
Let the rough grow to U.S. Open standards. This will give you a manpower savings and increase your supply of golf balls.

Terminate your mechanic and take all your equipment repairs to "Mr. Goodwrench".

Don't replace the golf ball washer soap. Just tell the golfers not to breathe as they clean their golf balls.

You can realize an approximate savings on your budget of 8% if you eliminate a par five hole from play.

Willet Wilt hopes that these cost-saving measures, if implemented, will stretch your golf course maintenance budget. A video of these measures in action can be purchased c/o Ken Kubik, Mt. Freedom, NJ.



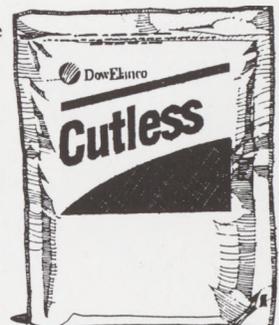
"It's like a maintenance program in one product."

That's what Golf Course Superintendent Scott Niven of the Stanwich Club in Greenwich, Connecticut, says about Cutless® turf growth regulator.

Look at all the dramatic results you'll see with just one product:

- Reduced grass clippings — up to 50%.
- Reduced water use — up to 30% less, resulting in less turf wilt and savings in irrigation costs.
- Reduced mowing — up to 33% less, so you can mow in less time with less strain on your equipment.
- Improved turf quality, more playable fairways.
- Improved turf density and color.

Prove Cutless for yourself. Stop in today and give your course a maintenance program with just one product.



X marks the spot

When I started writing this column, I told myself I wouldn't seriously criticize any of my peers. The main reason I don't is because I would leave myself open to be criticized and, although I can give it, I really can't take it. But this has all changed because of one of my nemesis, **Armand LeSage**.

Now I am not going to criticize the job Armand does or his involvement in various associations because his golf course is always in super condition and he's as active as anyone I know in the politics of our profession. He's also an outstanding family man and works hard to keep himself in good shape physically. But there is this one, very small problem he has. It's his office.

Now some of you know just what I am talking about. Folks like **John Wantz** or **Ilona Gray** or **Ken Kubik** know. Others like **Steve Roberts** and other members or past members of his staff know. Armand's office is not neat. As a matter of fact it's not even messy. It goes way beyond that.

To give you some idea of what I am trying to say, try this one on. Last year, Armand called me to discuss some thing or another. During the conversation, I mentioned

some literature I had and suggested I would send it to him. He asked if I had a fax machine in my office and when I said I didn't, he started laughing and told me he had one and how he must be further advanced in today's technology than I was. Well, I thought about that for a minute and responded with, "Armand, it doesn't make any difference because in your office it will probably get lost in a few days anyway." I hope that gives you some idea what a mess his office is.

Now I have always figured that a person's office is an extension of the job that's being done on the course. You know, neat office, neat golf course theory. In most cases that holds true but Armand defies that theory and/or any logic that I might have thought coincides with that theory. As a matter of fact, Armand defies any theory or logic of any kind.

The bottom line is he's a very good golf course superintendent who happens to have a not-so-neat office.

You know, sometimes I think I am getting too mellow in my old age. I am just not as critical as I used to be. I wonder how that happened?

EDWARD WALSH, CGCS

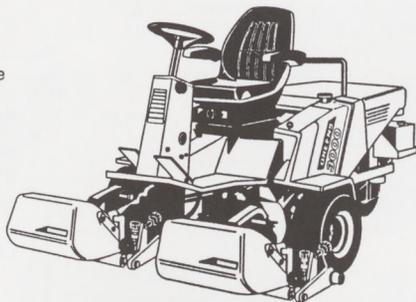
RANSOMES GREENS 3000 BRINGS GREENS CARE INTO THE 21st CENTURY

Versatile reel options
are all interchangeable. Choose from 9 blade front mounted Verti-Groom, 9 blade Greens, 7 blade Fairway and Tees, or Verticut reels.

High cutting frequency
of 138 cuts per yard at 4 mph with 9 blade reels.

Cutting height adjusts
quickly and easily without the use of tools to as low as 1/8".

Armchair comfort
reduces operator fatigue. Adjustable tilt steering wheel and power steering. All controls and gauges are in easy reach and sight. Padded seat with adjustable back rest.



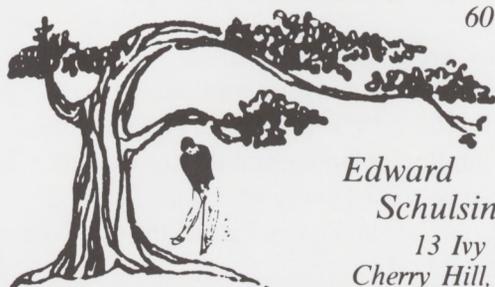
**RANSOMES
GREENS 3000**

WHERE GREAT IDEAS START

For a **FREE** demonstration contact:

Steven Willand, Inc.
201-579-5656

609-667-0939



*Edward
Schulsinger*
13 Ivy Lane
Cherry Hill, NJ 08002

**Horticultural Consultant
To The Golf Industry**

Don't Fall into the Same Old Trap

Call on Dallenbach, the Pros in quality sand products, to supply all your course needs...

White Trap Sand
Washed Sand * Screened Top Soil



908-422-3106

DALLENBACH SAND CO., INC.
BOX 333 • DAYTON, NEW JERSEY 08810

Superintendent Profile



LEWIS WEILAND

It is customary at Christmas time for the District Directors to deliver fruit baskets to the Life members of GCSANJ, and having tracked down Lewis Weiland to a nursing home in Englishtown, I was able to hear about the "good ole days" of taking care of golf courses in New Jersey. In so doing, the cliché "The more things change . . ." kept coming to mind.

Born in 1898 in Greentown, Pennsylvania, Lewis is, to the best of our knowledge, the oldest living GCSANJ member. For a time, he delivered mail in the Scranton area with a horse and buggy, and in the early part of this century, he came to the Princeton area to work with his brother, Arthur, on the grounds of the Russell Estate.

Lewis got involved with golf courses around 1918 when Princeton Country Club changed its name to Springdale, and the Green Chairman, Curtis McGraw, took the running of the club out of the golf pro's hands and installed Lewis as greenkeeper. He also arranged for Lewis to be exempted from military service in World War I. It was the beginning of a tenure of nearly 30 years for Lewis at Springdale.

During his years there, Lewis recalled that in the 1920s and 30s, few people had solid knowledge of turf and schools such as Rutgers had no one who knew about golf courses. Consequently, the greenkeepers were the source of much of the early information on the management and benefits of turf. There was much early experimentation, including an attempt at using Virginia bent at Springdale. "We had very poor results with that bent," Lewis remembered. Another experiment he tried was to modify the fifth hole by installing numerous plugs with a cup cutter. He chuckled that the "experts" had told him he was using the wrong kind of grass on the replacement plugs, yet he pressed on with the project and it turned out that the green lasted nearly 20 more years.

During the formative years of GCSANJ, Lewis was an active participant. He already belonged to the Philadelphia group of greenkeepers, and in 1926, he went to Crestmont Country Club and sat under a tree with other greenkeepers to organize what became GCSANJ. These men included Fred Ross of Plainfield, Ed Cale of Canoe Brook and Walter Todley of Echo Lake. Lewis later served on the

(Please turn to page 18)

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

Since 1923



Geo. Schofield Co., Inc.

P.O. BOX 110, BOUND BROOK, NEW JERSEY 08805

- White Trap Sand
- Construction Mixes
- Suprgro Topsoil
- Landscape Products
- Top Dressing Sand
- Drainage Gravels
- Cart Path Materials
- Compost
- Bagged Lime & Gypsum Products

OVER 60 YEARS OF QUALITY SERVICE

(908)
356-0858



Superintendent Profile



committee which changed the title of greenkeeper to superintendent, arguing that it was a more accurate appellation due to the broadening responsibilities of golf course turf managers.

The World War II years were a challenge for all golf courses. Manpower and resources were in short supply. Lewis found himself taking care of Springdale virtually all alone, working seven days a week from 4 a.m. to 10 p.m. Help was so hard to come by that even convict labor was tried. "That didn't work out very well at all," Lewis mused. Even after the war ended, the labor pool left something to be desired, as he had six ex-GIs working for him, and each would arrive and depart at different hours as the mood struck them.

In 1946, Lewis decided to leave Springdale for personal reasons and he went to Hopewell Valley Country Club. By 1949, he moved on to Green Acres for a couple of years, but in the early 1950s, he started working as a clerk in a hardware store in Hopewell. He took time out to help build Tara Greens as a favor for the Clearys, but he returned once again to the hardware store when that project was completed.

At that time, he was not in the best of health, and family problems were of some concern, but he eventually went into business for himself mowing lawns and taking care of estates in the Princeton area. By the late 1960s, he retired and settled into his home on the Delaware and Raritan Canal in Griggstown. One of the men on my crew lived next door, and he recalls the immaculate lawn that Lewis kept, mowed with a small gang of ancient reel mowers. When the bedknives on those mowers wore out, we tried unsuccessfully to track down replacements for Lewis, and I think it nearly broke his heart to have to retire those machines.

Lewis remained in Griggstown until last year, when it was felt it would be best if he moved to the Pine View Manor home in Englishtown. He remains in rather good physical condition, and I found him to be a sharp conversationalist, astonishing me with his remembrance of names and dates. If anyone wishes to drop Lewis a line, his address is Pine View Manor, 49 Lassotta Dr., Englishtown, NJ 07726, (908) 446-6608.

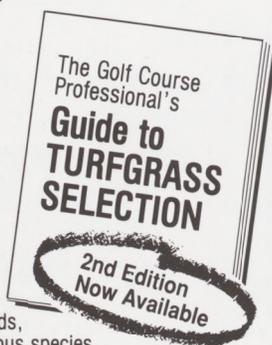
PAUL POWONDRA

FREE... Turfgrass Guide Specifically for Golf Courses

What turfgrasses would work best on your golf course? The right choice now can make a big difference later. **The Golf Course Professional's Guide to Turfgrass Selection** will help you decide.

The **free Guide** is a quick, easy reference arranged by geographical areas. It suggests turfgrass species, and lists the varieties and seeding rates best suited to your locale. A separate section on southern winter overseeding details new trends, listing the advantages and drawbacks of various species.

Get your **free copy** by contacting Lofts Seed Inc., Research Dept., Chimney Rock Road, Bound Brook, NJ 08805. (908) 560-1590.



Lofts Seed Inc.

PAR FOR THE COURSE... ...AND BEYOND!

Saxton Falls has many products to help you keep your course looking beautiful.

Topsoil Mixes • Gravel • Screen Fill
Fill Materials • Sand • Riprap • Boulders
And more! Give us a call today.



PATRON DIRECTORY

ALPINE TREE CARE, INC.

Complete tree care - Robert Mullane-Peter Orszulak-Brian Nadriczny; (914) 948-0101

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 - Phil O'Brien - Drew Efron
(800) 257-7797

ATLANTIC MILLS INC.

Tee Towel, Tee Acces. and Ball Wash Detergents
Pete Donnelly - Jack Brady; (908) 774-4882

JAMES BARRETT ASSOCIATES, INC.

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

* SKY BERGEN/TURF SPECIALIST

Sales to the professional industry
(201) 635-6469

BLUE RIDGE PEAT FARMS, INC.

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

CIBA-GEIGY

Turf and Ornamental Products
Randy Moser; (908) 530-4252

W.A. CLEARY CHEMICAL CORP.

Somersset NJ
Bob Leslic; (201) 993-6696, (908) 247-8000

CONSOLIDATED STEEL & ALUMINUM

FENCE CO., INC. Fencing Contractor
Eugene T. McLaughlin; (908) 272-6262

ALAN G. CRUSE INC.

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

DeBUCKS SOD FARM

Grower and Supplier of Bluegrass and Tall
Rescue Sod
Leonard DeBuck, Ray Dorsey; (914) 258-4131

DISPRO DISPLAY PRODUCTS CORPORATION

Manufacturer of Golf and Country Club Signage
Jerry Baine; (908) 988-5400

DOUBLE EAGLE EQUIPMENT

Turf Maintenance Equipment Clyde Ashton -
Jerry Pearlman - Stan Stevenson (908) 329-9292

EGYPT FARMS, INC.

Top Dressing, Construction Mix, Aqua-AID
John Strickland - Jeff Lecour - Dean Synder
(301) 335-3700

E-Z-GO/TEXTRON, INC.

New & Used Golf Cars & Turf Equip.
Tom Sauer, Branch Mgr.; John Myers, No. &
Cen. NJ; Paul Proter, So. NJ; (609) 586-4000

FERTL-SOIL TURF SUPPLY, INC.

Greens Topdressing/Turf Supplies
Marty Futyma, Catherine Futyma
(908) 322-6132

FINCH GOLF & TURF COMPANY

John Deer Turf Equipment, Dennis Wagner -
Mike Reynik - Ray Finch; 1(800) 78-DEERE

FISHER & SON CO., INC.

Grass seed Fertilizers Chemicals
Allan C. Phillips - Frank Fisher - Mike Fisher
(800) 262-2127; (609) 478-6704

GOLF BY JANIS INC.

Golf Course Construction, Renovation, Irrigation
Al Janis; (301) 641-5108

GOLF CARS, INC.

Golf Cars, Sales, Service; Jon F. Schneider, Gen.
Mgr. - John Czerwinski, Rep, Albert Wunsch,
Pres. (215) 340-0880

GRASS ROOTS TURF PRODUCTS, INC.

Golf Course Supplies, Ken Kubik - Bert Jones
(201) 361-5943 (908) 686-8709

GREENWOOD TREE EXPERTS

Full Service Tree Care
Bob Dubec; (201) 335-6650

* JERSEY TURF SPECIALISTS

Golf Course (Deep Tine Aeration)
Jack Montecalvo; (609) 567-9001

JONATHAN GREEN INC.

Grass Seed, Fertilizer, and Turf Chemicals
Barry K. Green II - Ed Barbano - Todd T. Pretz
(908) 938-7007

JEP SALES INC.

Turf Maintenance Equipment, Sales & Service
Jack Poksay, Michelle Poksay; (609) 585-2300

REES JONES, INC.

Golf Course Architects - Rees Jones - Keith
Evans - Greg Muirhead; (201) 744-4031

STEVEN KAY

Golf Course Architects - Stephen Kay - Ron
Turek - Barbara Kotler; (914) 699-4437

KOONZ SPRINKLER SUPPLY COMPANY

Rainbird Irrigation Equipment
William Koonz; (201) 379-9314

LAWN & GOLF SUPPLY COMPANY

Specialists in Equipment and Supplies for
Maintenance of Turf
Sam Baird Jr.; (800) 362-5650

LESCO, INC.

Serving the GCSAA of NJ
Dan Cavallo; (800) 321-5325

LEBANON CHEMICAL CORP.

Country Club Fertilizers & Chemicals
Steve Chirip; (717) 894-3133

LEON'S SOD FARM

Sod Grower
Samuel Leon - Irene Leon; (908) 996-2255

LOFTS SEED INC.

Turf Seed and Fertilizer Supplier
Dr. Rich Hurley; (908) 560-1590

LONGO MOTOR & PUMP, INC.

Electric motor/pump repair/sales
Cathy Hughes - Bob Tal; (201) 539-4141

RALPH MCGILLAN

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

JOSEPH M. MERCADANTE, INC.

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

METRO MILORGANITE, INC.

Turfgrass Supplies
Rich Apgar - Scott Apgar; (914) 666-3171

MONTCO/SURF-SIDE

Wetting Agents/Defoamers
Robert Oechsle; (215) 836-4992

NK LAWN & GARDEN CO.

Medalist Turf Div., Turfgrasses for the
professional user - George Rosenberg - Branch
Mgr.; Tom Koubek - Turf Specialist
(800) 828-5856

NOR-AM CHEMICAL CO.

Chemical/Fertilizer Manufacturer
Shaun M. Barry; (908) 846-8173

NORTHEASTERN ASSOCIATES

Sales & Service for Golf Course Industry
Vincent Dujets - Chuck Kolenut
(201) 227-0359

PARTAC PEAT CORPORATION

Golf Course Top-Dressing
Jim Kelsey (908) 637-4191

PAVELEC BROS. GOLF COURSE CONSTRUCTION CO., INC.

Golf Course Construction
Tony Pavelec (201) 667-1643
Emil Pavelec (201) 939-6182

PLANT FOOD COMPANY, INC.

Manufacturer of Fluid Fertilizers
Ted Platz - Anthony "Rip" Rippel
(609) 448-0935 (800) 562-1291

POCONO TURF SUPPLY CO.

Turf Supplies - Ron Olsen; (215) 672-9274

P & P EXCAVATING INC.

Excavating Contractor, Lakes & Ponds, Equip.
Rental, Grading
Bob Laner; (201) 227-2819 (201) 227-2030

PRO LAWN PRODUCTS, INC.

Ingrid Kern; (215) 750-1732
Craig Lambert; (201) 663-3368
Brad Simpkins (609) 758-7620

ROCKLAND CORPORATION

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

R & S LANDSCAPING CO., INC.

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

GEO. SCHOFIELD CO., INC.

Golf Course Supply
Kevin Schofield - Bob Carson - Tom Casmer
(908) 356-0858

THE SCOTTS COMPANY - PROTURF DIV.

Turf Fertilizers, Protectants, Seed
Fran Berdine (914) 361-4105
Steve Rudich (215) 253-4003

SEACOAST LABORATORIES, INC.

Granular Turf Prod., Grass Seed
John C. Moynihan - Richard G. Baker
(800) 522-4769

SEQUOIA TREE SERVICE INC.

Paul Portsmore - John Schaus - J.T. Kievit
(201)-891-0309

SHEARON ENVIRONMENTAL DESIGN

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

STORR TRACTOR COMPANY

Turf Maintenance Equipment, Irrigation
Mary Lou Deschamps - Gene Tarulli -
Paul Granger; (908) 722-9830

WILLIAM STOTHOFF CO. INC.

Well Drilling, Pumps & Pump Repairs
William L. Stothoff III (Pete) - William E. Snyder
(908) 782-2717

SWEENEY SEED CO.

Seed (turfgrass) - A. M. Sweeney - Jeff Schockley
- John Pew, III; (215) 275-2710

* TARGET ENVIRONMENTAL CO., INC.

Environmental Consultants/Contractors
Mark Hartman - Linda Crane; (609) 692-7575

THE TERRE COMPANY

Seed - Fertilizer - Pesticides - Nursery stock
Byron Johnson - Bryan Bolchala - Pat O'Neil
(201) 473-3393 - FAX 473-4402

TURF PRODUCTS CORPORATION

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

* TURF & SOIL DEV./ISOLITE

Soil Development and Infrared photography
Peter Van Drumpt - (908) 922-4743

WILFRED MCDONALD, INC.

Turf Equipment Specialists
Dennis DeSanctis - Mike Pelrine - Blair Quin
(201) 365-6801

STEVEN WILLAND INC.

Turf Equipment Distributor - Mark Ericson
- Bruce Pye; (201) 579-5656

* New Patrons for 1992

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