

THE GREENERSIDE

March - April 1994 • Volume 17 Number 2

An old team comes back to town: Team Concept Maintenance

by Martin Mantell, CGCS

We have all heard "tales of olde" when greenkeepers or section men were responsible for two or three holes and took care of most of the maintenance tasks for those particular holes. A few of you out there may even be old enough to remember when the practice was common, but we understand if you don't care to admit it.

In today's world of "POLITICALLY CORRECT" terminology this latest rehash of an old practice is now known as TEAM CONCEPT MAINTENANCE. It has something of a new twist. Instead of pairing up on a "one man, one hole" basis, the crew is divided into teams that are each responsible for nine holes. Now I've heard of similar programs used at larger facilities, such as 27- or 36-hole complexes, but the idea of implementing such a program on your average 18-hole course took me by surprise.

In the quest at our course to always try to do things better, to be more efficient or just more economical, we have adopted team concept maintenance for the coming year. The entire facility is going to try the team concept in one fashion or another. The Marshals will assist with policing the course for litter, the repair of ball marks, divots and replacing traffic control and hazard stakes. The maintenance teams will work with the golf shop teams and be rated together on a lot of the aspects to re-enforce ownership of the program.

The model for this particular plan came from Pat Holt, CGCS, of the 27-hole Hunt Valley Country Club outside Baltimore. Holt, who has a background in business manage-

ment, has been using the concept for a total of about six years at Hunt Valley and before that at Fowlers Mill in Cleveland. "The business community has been using programs like this for years; I'm surprised it hasn't become more popular in the golf industry."

"It definitely has increased our productivity," although he has an admittedly complicated method for tracking the effectiveness of the program, but he feels it is necessary for the plan to work. Of course the teams are held responsible for a specific area of the golf course, and they must be for the program to work. "One thing is for sure, they definitely will let me know

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Election results

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THE GREENERSIDE

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EDITORIAL



Dallas

by Ilona Gray

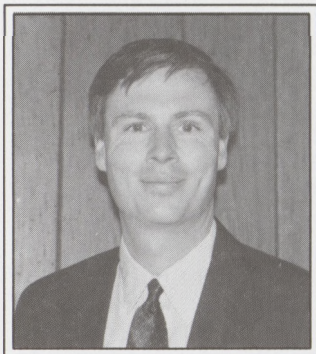
The name of the city says it all. Superbowl Champions. Site of the 1994 GCSAA National Convention, and the spot where "The Greenside" was selected as #1 in its category for Golf Course Superintendent state

association newsletters.

It's great being recognized as being the top in the field. It says a lot about the standards used and the quality of the publication we know as "The Greenside". It is fitting, therefore, for the editor to thank all of the individuals who made the 1993 "Greenside" #1. First, it is **our advertisers**, for without their financial support, "The Greenside" would be difficult for the association to support. Next, it is the individuals who donate their time and efforts and bring in great stories and photographs that make "The Greenside" so readable. The GCSANJ leadership team headed by President **Chris Carson** set the pace and standard to drive "The Greenside" to the top. They perform the function of both coach and general manager. I also feel that those who read "The Greenside" help make it special as well. As editor, I am acutely aware when a particular article is well received or is controversial, or just not up to the expected standard. I am aware of this and get the needed feedback from those who read "The Greenside". It also provides a great morale boost for those who contribute to the newsletter. We hear that the newsletter is read cover to cover by some, and that's great. We also hear that it is most often found in the "reading" room in many superintendent's offices, and that's great too.

This winter "The Greenside" team took a hard look at the process of the making of "The Greenside". There was no video on the "Making of 'The Greenside'" and no documentary rights to sell to other association newsletters. This was a serious attempt to ensure consistent and continuous improving quality to the newsletter. **Ken Krausz, Paul Powondra** and **Chris Carson** met at Echo Lake CC. They were joined by this editor, **Tony Rosa** of trendMULTIMEDIA and **Dale Nieves** and **Judy Policastro** of GCSANJ Headquarters in Springfield. Together the team reviewed the overall process from the conception of an article to the printing and distribution of the newsletter. We worked hard to smooth out the wrinkles, and it is our promise to you, the GCSANJ membership, that the 1994 "Greenside" will be another winning volume.





Communication - As requested

One of the most important goals your Board has is to encourage more members to get involved with our Association. A great step toward this goal has been our new fundraising activities,

which brought together so many of our 400+ members for a common purpose. Beyond helping a lot of ill children, the excellent public relations value of this effort has been a real plus for GCSANJ (see especially January's issue of "Golf Course Management".)

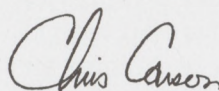
Communication is the most valuable tool your Board has in working towards our goals. We encourage input, suggestions and comments from the entire membership, and we have received some excellent suggestions and support. The purpose of this message is to tell you about one idea that has been raised and to solicit your opinion about it.

A number of our members have asked if GCSANJ can expand our benevolent activities to include relief for members in need. This is a topic that has been discussed a number of times at Board meetings over the past years, but we have never been able to get around certain specific problems—some legal and some philosophical. The current rising support of this idea from a number of members, coupled with the wealth of new options made possible by the establishment of our new Foundation (an offshoot of our charitable initiative), has encouraged your Board to revisit this suggestion. An ad hoc committee has been formed to investigate all aspects and possibilities of benevolence and relief. Glenn Miller has volunteered to be the chairman of this committee. Issues that will be looked at include relief to unemployed members or members experiencing other disruptions, and other topics that relate and are brought forward to the committee.

Glenn has three other Board members working with him, and he will shortly be asking for your help and input. If you feel you can contribute to this initiative, I encourage you to become involved with these discussions. Glenn will be looking for your opinions, both *pro* and *con*, so if you feel strongly about the concept, what better way to let your feelings be known than to become involved with its development? By listening to all of your concerns, both for and against, this committee will bring to the Board informed suggestions.

I would like to thank the members who have taken the time to encourage your Board to look again at this idea. This is

exactly the kind of information that your Board is looking for ... we want to improve GCSANJ and need you to tell us where you think improvement is possible. As always, I encourage all members to let us know your ideas and concerns. By working together, we can make GCSANJ the best it can be!



Chris Carson
President, GCSANJ

Calendar

- Mar. 27 • NJPGA Golf Merchandise Show and Exhibition.** Rutgers Athletic Center, Piscataway, NJ. Contact Fran Owsik, (908) 821-8899.
- April 5 • USGA Regional Seminar.** Holiday Inn, Taunton, MA. These seminars are open to all and are designed to provide information of current interest on golf course maintenance and other golf related issues. Contact James Farrell, USGA, (401) 295-5430.
- April 8 • Core Training Course.** 1:00-4:00 p.m., Cook College, New Brunswick. 6 recertification CORE credits are available for those already certified. Contact (908) 932-9801. Seating limited.
- April 12 • April Monthly Meeting, Cape May National GC.** Low Gross, Low Net Tournament and Qualification Round for the 2-Man Net Team Championship. Contact Judy Policastro, (201) 379-1100.
- May 10 • May Monthly Meeting, Fiddlers Elbow CC.** Modified Stableford and First Round for the 2-Man Net Team Championship. Contact Judy Policastro, (201) 379-1100.

An old team comes back to town



Continued from page 1

if someone isn't doing the job," he said.

"The optimum team size will be between 4 and 6 members depending on the time of year," says Holt. He runs the program during the months when the course maintenance is relatively routine, and staffing levels are sufficient.

I, however, have modified Pat's plan to fit my particular circumstances. First, my club's two nines are so vastly different that it would be difficult to compare the results of the two teams. So, to this end, I am looking at rotating the teams to keep the chores a little more balanced. Secondly, my two teams may consist of three or less members for a large part of the season, so some latitude must be taken in choosing the tasks that the teams will be rated on. Some tasks will just have to be completed with the teams "lending" labor to one another.

I envision the plan as working something like this: Each maintenance team would consist of a team leader (foreman) and one or more team members. The workers in team A head off for the front nine as team B heads off for the back. At least two of the team members each have a vehicle with a walking greensmower on a trailer. Each vehicle also has a cup cutting setup and trash can. As the teams spread out and begin to mow greens, they can change the cups before they move to the next green (if play is light). In our situation, with over 50,000

rounds, we regularly change cups in play (we just carry an extra cup in the topdressing pail and don't have to hold up anyone while the cup is changed). Once the greens have been mowed, the remaining cups can be cut, tees moved and serviced, and the traffic control straightened before break time. After break, one or more of the team members can be detailed to another area such as fairway mowing if needed, but generally the team would then return to the assigned nine and begin the trimming, bunker work or mowing for the remainder of the morning. Afternoon assignments would be adjusted each day as required (hand watering, bunker repair or other project work). The teams would switch nines every two to four weeks, which would allow us to see which team has a greater impact on the course.

The department heads would have to check the progress constantly and assist the team leaders with adjustments to the daily program. At least once a week the progress of the teams will be audited using a simple but consistent form. The auditors will be varied occasionally to ensure a fresh pair of eyes is always looking at the product. I am fortunate in that I have a good relationship with the General Manager and Pro, so that I can use the ability that they have to look at the golf course differently than I do. And both the Manager and Pro

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am



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GCSAA NEWS

GCSAA ANNUAL MEMBERSHIP MEETING

by Wayne Remo

Here are the election results for the GCSAA Annual Membership Meeting held on February 7 in Dallas, Texas. 15,499 votes were available. New Jersey had 125 delegate votes and 2 proxy votes. New Jersey missed out on 43 additional votes because these individuals, although registered to vote, did not vote and did not assign their vote to a proxy. Please, next year, let's try to make every potential vote be counted. It takes two-thirds of the available delegate votes to pass a By-Law, and this year the number was 3,516 to pass out of a possible 5,275. The delegates worked in a two-hour session to vote on the 15 By-Laws and the slate of officers and directors. 

Elected as Officers

- President: **Joseph G. Baidy**, CGCS (Acacia GC, Lyndhurst, OH)
- Vice President: **Gary T. Grigg**, CGCS (Naples National GC, Naples, FL)
- Directors: **Paul S. McGinnis**, CGCS (Union Hills CC, Sun City, AZ)
Bruce R. Williams, CGCS (Bob O'Link GC, Highland Park, IL)
R. Scott Woodhead, CGCS (Valley View GC, Bgrade, MT)

Joseph Baidy appointed **Tommy D. Witt**, CGCS (Bent Tree CC, Dallas, TX), to fill the 1 year unexpired term of Gary

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Grigg and Bruce Williams was appointed Secretary-Treasurer. 

By-Laws Approved at the Annual Membership Meeting

Several By-Laws involved the establishment of authority to set dues for different classes. New Jersey voted "NO" on all By-Laws that would allow the Board of Directors to set the dues structure on any classification.

BY-LAW #1: Updates the GCSAA's office address and the addresses of its resident agents. It also changes the statement of the GCSAA purpose to be consistent with the wording in the proposed By-Law amendment #2.

BY-LAW #2: Changes the statement of the GCSAA's purpose to match the wording in the proposed articles of incorporation. It also simplifies the definition of a golf course superintendent.

BY-LAW #3: Allows the Board of Directors to establish membership qualifications and levels of privilege for all classes except classes AA, A, B, and C. This includes the dues.

BY-LAWS #5 and #6 were defeated.

BY-LAW #7: This By-Law creates a new non-voting class for educators and extension officers. It also allows the Board of Directors the option of restricting the level of privilege for affiliate members through standing rules. Honorary membership becomes permanent unless revoked by the Board of Directors. Authority is also granted to the Board of Directors to lower retired members' dues.

BY-LAW #8: The membership's authority to establish dues for Classes AA, A, B and C is preserved under this By-Law. The vote on this was 4,232 to 1,043. The voting procedure to set the annual dues was changed from a voice vote to regular balloting, allowing all voting members who do not attend the annual meeting to have a voice through their voting delegate or proxy. The Board of Directors was authorized to set the dues structures for non-superintendent members.

BY-LAW #9: This prohibits and provides for punishment for submitting false information on any membership application or dues statement.

BY-LAW #10: The publication of the voting records will be required in a membership publication.

BY-LAW #11: The Secretary/Treasurer position becomes an elected office rather than a presidential appointment. The nominating committee is required to present at least two

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GCSAA NEWS

candidates for the Secretary/Treasurer position and at least one for the Vice President. All officers and directors shall be elected by a plurality vote.

BY-LAW #12: This requires a two-thirds majority vote of the Board of Directors to approve the execution of a mortgage or loan document that would incur indebtedness of future Boards of Directors.

BY-LAW #13: Bonds the Secretary/Treasurer's position and makes it more like an officer than an operations administrator.

BY-LAW #14: Changes the title of the GCSAA's Chief Executive Employee from Executive Director to Chief Executive Officer (CEO).

BY-LAW #15: The trustees of the Benevolent Fund shall be the President, Vice President and Secretary/Treasurer.

A GATHERING PLACE IN DALLAS

By Shaun Barry

Things are bigger in Dallas and one of those things was our hospitality suite. Most of the associations in the Northeast contributed to its existence. It, however, was run by the Connecticut Superintendents Association, and they did a great job! The large number of those attending did stress the supply of food and beverages, but everyone left smiling.

Most people were surprised by the SIZE of the room. Historically we have been in a hotel suite, but this time we gathered in a large meeting room. It allowed everyone to move about freely, and many old friendships were renewed. Its purpose was fulfilled, and everyone who attended looks forward to gathering again in San Francisco. 🌱

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COMMERCIAL NEWS

by Shaun Barry

In August 1994, we will send out a form to all commercial members. We will be asking for the names of any C member with a desire to be a Commercial Director on the Board. The office would have a two year term. The names will be placed on a ballot and mailed for a write-in vote. The results will be announced at the GCSANJ Annual Meeting.

NEW MEMBERS

Welcome to the following new members of the GCSANJ:

Peter Siegel	C	Bruedan Corp.
Sean McHugh	A	Golf Corp.
Alex Treece	C	Trenton Ford New Holland

Khlar Holthouse	B-1 Wildwood G & CC
Gus Steiger	A Culver Lake GC
Samuel Baird, Jr.	C Finch Turf Equipment Inc.
Jon M. Johnson	C Greenway Group (reinstated)
Jay McKenna	C Grass Roots Turf Products
Ray Remien	B-1 Green Brook CC
John T. Roussey	C Stormy Acres (reinstated)
Janis Tettemer	B Leisure Village West
Darrin Batisky	B-1 Arcola CC (reinstated) ▶

GCSANJ 1994 TOURNAMENT SCHEDULE

by Shaun Barry

Check your calendars and clear the following days for the GCSANJ 1994 Tournament. Remember: when you plan to attend one of these monthly meetings, please arrive at least 30 minutes before the first scheduled tee-off time. Compliance is



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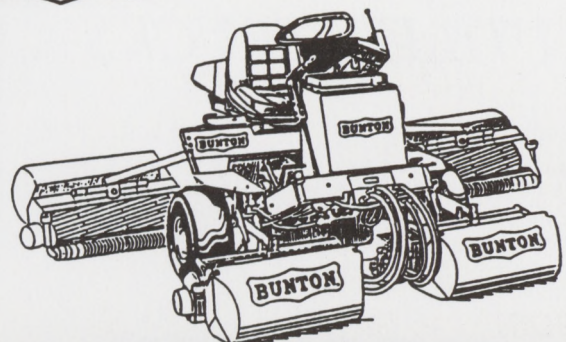
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necessary to be part of the tournament. Handicap cards will be required for each meeting. The November Election Meeting is T.B.A.

April 12

Cape May National G.C.

Monthly Event: Low Gross - Low Net
Special Event: 2-Man Net Team Championship Qualification Round. Matches will be played at our monthly meetings, so please consider this before attempting to qualify. Fifteen teams will be qualified. The defending champions will be exempt if they remain a team. Single Elimination Tournament. \$10.00 per person entry fee.

May 10

Fiddlers Elbow C.C.

Monthly Event: Modified Stableford

June 16

Essex Fells C.C.

Monthly Event: Match Play versus Par
Special Event: Quarter-finals 2-Man Net Team Championship

July 12

Crystal Springs G.C.

Monthly Event: ABCD Net Best Ball. Teams will be picked blindly and the team must play together.
Special Event: Semi-finals of 2-Man Net Team Championship

August

Site T.B.A.

Continued on page 11

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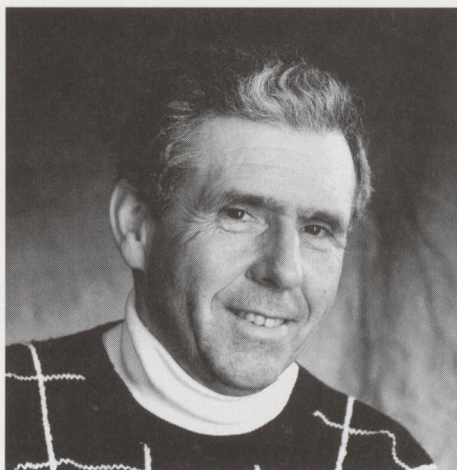
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*Dave Southard, Superintendent,
Bellevue Country Club, Syracuse, New York*

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Spring comes late in central New York, and Dave Southard, course superintendent at the Bellevue Country Club in Syracuse, knows he can count on plenty of moisture and cool temperatures. "That means Leaf spot," Dave says. "Then we go right from Leaf spot to Dollar spot to Brown patch to Snow mold."

That's why, when the last snow melts in mid-April, Dave begins a season-long program of turf protection that centers on Daconil 2787® Flowable Fungicide from ISK Biotech Corporation.

Fairways, tees and greens

"I don't think we have more Leaf spot problems than other courses, but we do seem to have a longer time during which you have to control it," Dave explains. "We spray fairways, tees, and greens about every two weeks for a six- or seven-week period."

Bellevue Country Club is an 18-hole Donald Ross course, built in 1916. Much of its character comes from the course's rolling, woodsy terrain. In fact, the trees create some moisture problems on greens, tees and fairways.

"We're trying to thin out the trees a little, but we're really overplanted," Dave admits. "Many parts of the

course are slow to dry out in the morning. Early or late in the year, when the sun is low in the sky, there are parts of the course that really don't get any sun at all. The trees cut down on air circulation, too. And that increases disease pressure."

"I always come back to Daconil."

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GCSANJ NEWS



Continued from page 9

Monthly Event: Qualify for District Team that will compete for District Championship at our Championship. The six best gross scores will qualify.

Special Event: Qualify for Flighted Long Drive Contest. Finals will be held at our Championship.

September 27 Echo Lake C.C.

Monthly Event: The Invitational Tournament

October Montclair G.C.

Monthly Event: Championship

Special Event: Finals of 2-Man Net Team Championship

GCSANJ 1993/1994 SCHOLARSHIPS

by Dennis Shea

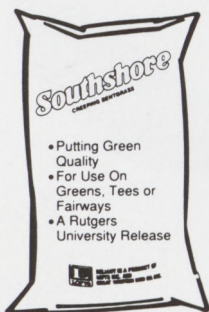
The GCSANJ recently awarded the 1993-94 scholarships. The recipients of this year's awards are Brian Feldman, William Gilligan and Brian Remo. Brian Feldman is presently enrolled at Rutgers Cook College in a four-year program. He has maintained a 3.7 cumulative and is found on the Dean's List every semester. Brian has worked at Metedeconk, Fort Monmouth and, most recently, at Spring Lake CC under the tutelage of **Bruce Peeles**.

William Gilligan is a Delaware Valley College four-year program student. Bill gained his early field experience and some valuable insight from his father when **Jim Gilligan** was at Bedensbrook CC. He continued to amass experience while

Continued on page 12

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Continued from page 11


working at Cherry Hill CC during the construction and transition periods of the course.

Our third recipient, Brian Remo, was also inspired to pursue a career in turf by his father, **Wayne Remo**. Brian is completing his four-year program at Delaware Valley College and attained solid field experience under Wayne at Rock Spring CC.

We wish all three recipients the best and will look forward to their joining the ranks in the near future.

GCSANJ GETS SOME NATIONAL ATTENTION

The January 1994 issue of "Golf Course Management" reported in detail on GCSANJ's contribution to Project

F.A.I.T.H. The two-page article carried a photo of **Steve Chirip** presenting a check to Linda Ludvick. F.A.I.T.H. is a non-profit group based in Piscataway, NJ specializing in providing physical fitness for the special needs of children suffering from cancer. The 1993 GCSANJ program resulted in a donation of \$20,000. The October Annual Championship at Deal CC, hosted by Superintendent **Angelo Petraglia** and General Manager **Jozsef de Kovacs**, raised \$6,000 through a longest drive contest and commercial signage. A raffle sponsored jointly by the GCSANJ and the Manasquan Elks Lodge #2535 raised another \$14,000. The raffle awarded 32 prizes of a round of golf for four at the several participating clubs. The January/February "Greenerside" had reported on additional details. It is encouraging to get so much attention for such a worthy cause. 

Team Concept Maintenance

Continued from page 4

play often enough that someone will always be able to audit.

The results of the audits will be discussed with the entire staff at regular intervals. The key to a program like this is the natural competitiveness that is created when two groups of co-workers are rated and compared to each other. Monetary rewards aren't needed, in fact they have proven to create unhealthy competition. Recognition or perhaps a pizza party to the winners will keep things down to earth.

I know that I will be pressed to abandon the plan as soon as I feel I'm losing my grip on the operation when the weather

gets too bad, or half the crew goes on sabbatical, but I'm willing to commit the plan to writing, which I believe is imperative if you wish to keep any plan like this on track. Patience and perseverance will be the watch words if the program is to get a fair chance. Pat Holt concurs, "Into the second year you will begin to see results. During the first year you'll scratch your head a lot as you try to work it out." Looks like I'm in for a lot a scratchin'.

Look for more on this subject from Pat Holt in "Golf Course Management" coming in the near future; also Larry Gilhuly in the May/June 1991 "Green Section Record".

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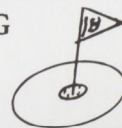
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An integrated approach to controlling summer patch



by Bruce B. Clarke, Ph.D.
Rutgers, The State University
New Brunswick, NJ

Summer patch is one of the most destructive diseases of cool-season turf in North America. Prior to 1984, it was an unidentified component of the disease Fusarium Blight. Summer patch has been reported on annual bluegrass, Kentucky bluegrass and fine fescue.

SYMPTOMATOLOGY

In mixed stands of annual bluegrass and bentgrass 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, rings or 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 damage or other diseases.

Infection commences in late spring when soil temperatures stabilize between 65° and 68°F. 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.

MANAGEMENT

Chemical Control

Systemic fungicides, such as fenarimol (Rubigan), propiconazole (Banner), triadimeton (Bayleton) and the benzimidazoles (i.e., Tersan 1991, Fungo 50 and Cleary 3336), have proven to be most effective when applied at label rates. Applications should commence on a preventive basis in late

Continued on page 15

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(It's about time.)

Danger: Trees

by Ilona Gray

Preventive pruning generally eliminates most winter storm damage. Without the ounce of prevention, however, a harsh winter can wreak havoc on trees. Ice build up and the cold can combine to weaken older trees or bend and even break some tree limbs. On any golf course trees add beauty and difficulty to the game. They are great immovable obstacles to the player and provide a tranquil vista while contemplating the game. Picture a golf course without any trees and you immediately get my point. It pays to take good care of such key features of the course. Players and Greens Committee members recognize the value of specimen trees and the overall role they play on the course.

The one thing a tree should not be, however, is a danger to a player or to the people who work on the course.



This spring inspect the trees on your course to insure that there are no limbs about to come crashing down on someone, or trees that are so weakened that they could fall in the next storm.

How to you know by looking? Some will be obvious, while others may require an expert opinion from a professional arborist. A weakened tree may need pruning, addition of fertilizer or to be removed. These decisions are best made by an expert. Need an arborist? Check the *patron page* of "The Greenerside" or contact the Arborists Association of New Jersey by calling their president, Paul Blejwas, at (908) 583-0002. The New Jersey Chapter of the International Society of Arboriculture can also be a source for an expert on tree care. Contact them through Harry P. Banker at (201) 731-0594.

Controlling summer patch

Continued from page 13

spring or early summer when the maximum daily soil temperature exceeds 60°F for four to five consecutive days. Soil temperatures should be monitored at a two-inch depth during the warmest part of the day. Fungicides should be repeated two to three times at 21- to 28-day intervals for best results. Efficacy is enhanced when products are applied to 4 to 5 gallons of water per 1,000 square feet. Post-treatment irrigation has not been shown to increase disease control and may, at excessive levels (i.e., 1/2 to 1 inch of water), actually decrease fungicide effectiveness.

Cultural Control

Because summer patch is a root disease, cultural practices that alleviate stress and promote good 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 golf greens and fairways are cut at or above 5/32 and 3/8 inches, respectively.

Summer patch is most severe on poorly drained, compacted sites. Aerification over a period of several years should reduce compaction and decrease the incidence and severity of this disease. Spring and spring plus fall aerification schedules are more effective than fall aerification in reducing disease development. Summer patch is stimulated at high soil pH.

Therefore, for best results, maintain soil pH between 5.5 and 6.0 with the application of ammonium sulfate or a slow-release nitrogen source such as sulfur-coated urea. Irrigate deeply and as infrequently as possible without inducing drought stress. Conversion of golf areas from annual bluegrass to bentgrass will further reduce disease incidence.

Reducing Fungicide Rates

The use of fungicides to control summer patch can be reduced through the implementation of good cultural practices such as aerification, raising the height of cut and fertilizing with acidifying nitrogen sources. Although cultural management practices may take two to three years to reduce disease severity, they represent an environmentally sound means of improving turfgrass vigor and reducing fungicide rates 25 to 50%. The integration of acidifying fertilizers and systemic fungicides has also been used on golf greens to effectively control summer patch and increase the population of bentgrass 11 to 20% over a three year period.

This research was supported by the Golf Course Superintendents Association of New Jersey, the Tri-State Turf Research Foundation, the New Jersey Turfgrass Association and the Rutgers Center for Interdisciplinary Studies for Turfgrass Research.

What to do when faced with a violation by DEPE

by Doug Mampe, Ph.D.

Originally published in the NJPCA's "Pest-O-Gram", February 1994. This article has been reviewed and edited by John Orrok, Enforcement Division, Pesticide Control Program, NJ DEPE and further modified by Ilona Gray to include golf course situations.

When the DEPE visits your office or inspects the golf course because of a complaint or a routine inspection, there is the possibility that you may receive an Administrative Order or Notice of Prosecution. This notice will be based on allegations which show that you may have violated some provision of the state's Pesticide Control Regulations. Administrative Orders are sent for license suspensions, revocations and pesticide embargo or impoundment actions. Notices of Prosecution are sent for the vast majority of violations and may contain a monetary penalty or charge for sampling conducted during the investigation. There are differences in your legal rights of appeal between Administrative Orders

and Notices of Prosecution. In most cases though, the Bureau of Pesticide Compliance is willing to meet with you informally to discuss the charges before any formal court action takes place.

Whenever the DEPE investigates a claim brought by the public, perhaps the owner of neighboring property, they will request certain documents from you that are pertinent to the investigation. The best defense in such cases is a good offense. That means you should have your activities well documented. Your application records should be complete. You should be



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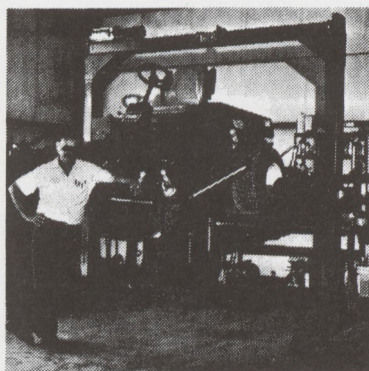
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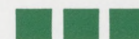
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Faced with a violation by DEPE



able to verify that the necessary notification was provided, and read the labels of the pesticides used to make sure you were in compliance. If your records are complete, and you did everything right, the investigation may end there. Obviously, if you violated a regulation or can't document everything you did, the investigation will proceed.

In some cases, however, your version of what took place might differ from that of the complainant or, you have a different interpretation of the regulations or label wordage than does the DEPE. Or, the facts are insufficient to draw conclusion. Then you might feel wrongly accused. So what do you do?

If the notice that you receive is an Administrative Order for license suspension, revocation or pesticide embargo, you must send a written request to the DEPE within 15 days to be granted a formal administrative hearing. If you do not request this hearing, the order against you would become final and effective without you being able to exercise your rights of appeal.

If the notice you received is a Notice of Prosecution, you do not have the legal right to an administrative hearing. If you disagree with the violation and refuse to pay the penalty, the

case will be referred to the State Attorney General's Office which will then file a Notice in the Supreme Court for collection of the penalty or sampling fee (whatever was stated in the original Notice of Prosecution). It is here, in the

If the notice you received is a Notice of Prosecution, you do not have the legal right to an administrative hearing.

Supreme Court, that your rights for formal "Due Process" will be exercised. Keep in mind that most penalties issued for pesticide violations are considerably less than the \$3,000 maximum allowed by law. If you fail to pay, for instance, a \$600 penalty for a licensing violation, the Attorney General's Office will withdraw that "Offer of Settlement" and usually seek the maximum \$3,000 when filing the collection action in the Supreme Court.

However, with either a Notice of Prosecution or Administrative Order, the DEPE's Bureau of Pesticide Compliance is usually willing to grant you an informal conference before the case goes through the more formal process. (Don't forget, you must still request a hearing, when entitled, within 15 days.) During such a conference, you will have an opportunity to tell your side of the story again and to discuss label or regulation interpretations. When granted such a conference, bring all of the records which are pertinent including labels if necessary.

Since this conference is informal, it is not recommended that you bring legal counsel with you. You might consider bringing another golf course employee who has first hand knowledge of the situation, or a third party who has had experience in dealing with similar situations.

Be prepared to make your case based on the facts at hand, and don't hesitate to question an interpretation, which in your opinion is inappropriate. In some cases, the DEPE has reconsidered proposed actions and sometimes either dropped them or reduced the charges. But it is up to you to make your case to the DEPE.

Finally, when requesting a conference be patient so that the DEPE can complete its investigation. There is no point in having a conference when all of the facts are not in. To request a formal hearing and/or informal conference after a violation has been issued to you, write to: **William Dargay, Enforcement Manager, DEPE, Bureau of Enforcement Services, CN 422, Trenton, NJ 08626.**

Please include your business name and the log numbers from the Notices in your correspondence.



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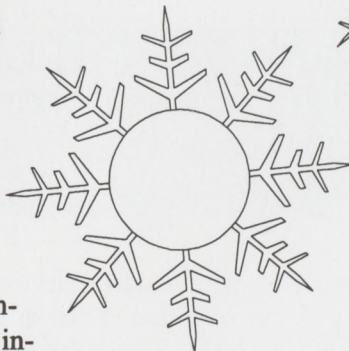
What to expect from winter's wrath

by James Murphy
Extension Specialist in Turf Management
Rutgers Cooperative Extension

Most of us have experienced relatively mild winter weather during the last decade. In contrast, the winter of '93-'94 has and, as I write, continues to provide cold temperatures and some form of frozen precipitation.

Snow cover protects turf from winter desiccation and traffic-induced injury; however, winter diseases are favored under snow cover. For this reason, diseases such as pink and gray snow mold are treated with preventative fungicides prior to snow fall. The potential for desiccation is greatest when the soil is frozen and the turf is exposed to strong drying winds.

Many areas in New Jersey have not only received snow, but freezing rain and sleet. There is little evidence to suggest



that short, temporary ice cover can result in serious injury to turf. Most problems associated with ice cover occur when the ice thaws and water accumulates in low spots with poor subsurface drainage. The submerged crowns of the turf plants may absorb enough water to reduce their cold-

hardiness. Extensive damage can occur with repeated freezing and thawing of these submerged plants. Exposure to a long period of ice coverage is rare, although this year may prove to be an exception, particularly in low-lying areas shaded from the sun by trees or buildings. Annual bluegrass will be

more susceptible to kill under such conditions than Kentucky bluegrass or creeping bentgrass.

Work by Dr. J.B. Beard (1964) showed that annual bluegrass could tolerate ice cover up to 60 days at -26°F; however, after 90 days of exposure substantial kill of annual bluegrass did occur.

Low temperature stress will be most severe on annual bluegrass turfs. The specific temperature which will kill turf is related to the time of season and level of hydration in the plant tissue. Dr. Beard showed that annual bluegrass which was allowed to harden in late fall required a 5-hour exposure to 0°F temperatures before substantial kill was observed, whereas substantial kill would occur at 10°F in early spring prior to spring greenup. Annual bluegrass is particularly prone to low temperature kill on poorly drained sites where submerged crowns become hydrated. Generally, low temperature kill is not a problem when an adequate snow cover is present because the snow insulates the turf from harsh low temperatures.

If a prolonged ice cover is a concern, you should identify those areas of greatest importance and risk. Once identified, a partial removal of a thick ice cover may be advisable. Solid sheets of ice should be fractured to allow air to enter below the ice sheet. Of course, putting greens are of the greatest concern for many superintendents, but it is probably impractical to remove ice or snow from all greens. Therefore, select greens located in low-lying areas and having poor surface drainage (bowl- or saucer-shaped). Greens surrounded by trees should also be evaluated since these will be the slowest to thaw.

If removal of ice is impossible, and you anticipate significant turf loss, plan ahead for your turf renovations. Estimate the area of turf needing repair and begin developing labor and material budget requirements. Identify sources of seed or sod. Also, consider whether this "renovation" provides you an opportunity to introduce a new species or cultivar that may be better adapted.

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Three men and a deer

by Ilona Gray

Just like the movie, "Three Men and a Baby", these three men found a group of deer in trouble this winter and took some independent action. This winter was harsh and particularly tough on the wildlife in New Jersey.

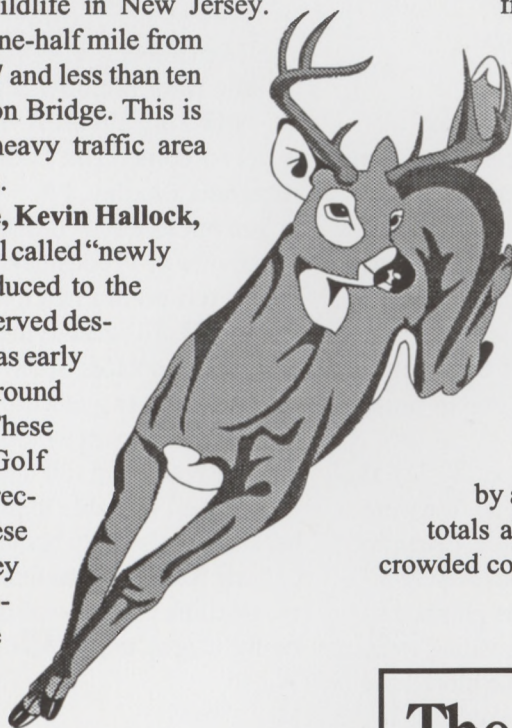
Paramus, New Jersey, is located one-half mile from the intersection of Routes 4 and 17 and less than ten miles from the George Washington Bridge. This is the heart of Bergen County, a heavy traffic area renowned for its shopping centers.

It all began when **Bill Baselice**, **Kevin Hallock**, and **Lou Schwarz** noticed what Bill called "newly planted azaleas that had been reduced to the size of carnations." Deer were observed desperately feeding on the small azaleas early in the morning at day break, again around 10 a.m. and just before dusk. These three employees of Paramus Golf Course, an 18-hole public course, recognized the need for forage for these deer and took immediate action. They contacted a local horse feed supplier who advised them to purchase about 150 pounds of "Sweet Tena", a Purina horse feed product, and a salt lick. He cautioned them that they would have to provide fresh water for the deer because the feed will make them thirsty. Water was provided by breaking the ice on the pond on the course with a sledge hammer every day. This commitment and effort was cheerfully accepted by the three men.

Bill, Kevin and Lou now could observe the deer chowing down three times a day and gained the satisfaction that they had helped these animals make it through this tough season. This act of wildlife conservation prompted them to look for other ways of protecting wildlife in this urban area. They built a wood duck box, which at this time has remained unoccupied.

This spring, however, should bring some interesting tenants. Seed and suet are likely to be the next steps for these conservationists. **Ken Krausz**, Superintendent at Paramus, just back from Dallas, Texas, said, "These fellows did it all on their own, and I'm really proud of them."

Golf courses often serve their communities in a double duty capacity as a habitat for wildlife and as a golf center. A small wooded area in Paramus serves as the only habitat in this community for large mammals such as deer. This is the same area that last year had a small, lost black bear who also arrived around day break. It consists of Arcola CC, an 18-hole private club; George Washington Cemetery; Ridgewood CC, a 27-hole private club; Bergen County College; Orchard Hills GC, a 9-hole public club; and Paramus GC. Separated by a roadway is the Bergen County Park. This land totals about 1,000 acres which, this winter, made for crowded conditions for foraging animals.



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Stephen Kay

GOLF COURSE ARCHITECTS

X marks the spot

by Ed Walsh, CGCS

About every three or four years, I spend a couple of days with my good friend, Ken Mangum, and his family just before the GCSAA Golf Tournament and Convention. The Mangums live just outside Atlanta so I usually visit them when the convention is in New Orleans, Houston, Dallas or Orlando. I'll spend a few days, just short of the time when folks would normally ask me to leave, and then we will travel to the tournament site together. Sometimes this is done by car while other times (this was one of those other times) we will take a plane.

When we drive we generally stop a few times to play at some really outstanding golf courses along the way. We were supposed to do just that this year and play Shole Creek in Birmingham, Alabama, and a new Nicklaus course in Jackson, Mississippi. Well, things didn't work out as planned so we decided to fly to Dallas on Friday and play Preston Trails. Now, this wasn't so bad, but it did give us a little more time to just hang around in Atlanta.

It's when you don't have anything planned that things happen. It was just one of those uninterrupted moments when Ken started to tell me about his Green Committee at his last club. The Idle Hour Country Club, in Macon, Georgia. You're probably trying to figure out just what I am getting at by this time, and maybe what I am about to tell you won't be as funny to you as it was to me, but Malikowski thought it was pretty funny when I told him, so here goes.

Seems Ken had a Green Committee made up of regular folks with some pretty unusual names, you see. As an example, his chairman's name was Duck Swan. Now that's his real, honest to God name, Duck Swan. Now suppose Ken's on the course, and he calls out to Duck. I guess if you're a hunter you look up but if you're a golfer you throw yourself on the ground anticipating a ball coming your way. I know that's what I would do.

Now it doesn't stop there either. His Assistant Chairman's name was Low Wall. I am not kidding. His name was Low Wall. Now Low Wall wouldn't be so unusual if you didn't have a chairman named Duck Swan. Hey, you think it stops there? No way. The committee had two brothers named King and Wormy Solomon. Try those on for size. King and Wormy, and we are not close to the end. Another member was Castex Conners, while yet another was Pink Persons. We are going from fairy tales to rock and roll with these names, and I am telling you they are LEGIT. I read them, with these two

eyes (remember it's my hearing that's bad, not my sight) from the Idle Hour Membership Directory.

Now I am almost in tears with these names, but the best is yet to come. The Ladies Golf Chairperson's name was Airawana Bradley. I don't know what the name sounds like to you but to me it sounds like something that was found in abundance at Woodstock in 1969.

At this point I had to look through the entire roster, and I am glad I did because the names kept on going. Seems there were a few doctors at the club with some descriptive names too. How about a gynecologist with a name like Dr. Handberry and a dentist named Toof Boone. The last is my personal favorite (rock and roll again): Dr. Fleetwood Maddox.

I hope I was able to put these names in a humorous light, because that's just what they seemed to me. I also hope none of these folks ever see this column. I don't know, maybe they would think Malikowski or Prickett or Grimac or Walsh were funny names too. NAW. At least not Prickett, Grimac or Walsh.

Rules of Golf

by Doug Vogel
Rules of Golf C.C.

**NOTE: Before going on vacation, Greens Chairman Ilona Gray demanded an additional nine holes be submitted to the Rules of Golf C.C.*

Hole #19

Q. Dennis DeSanctis purposely refuses to identify a ball as his. Ed Walsh casts an evil eye at him as the partially visible orange and black letters "acobsen extron" can be seen on the ball in the 8" grass 3 yards off the left side of the tee. What can Ed do in such a case?

Hole #20

Q. During a round, may Pat Campbell apply chalk to the face of an iron club in order to obtain more backspin?

Continued on page 21

Rules of Golf



Hole #21

Q. A practical joker removes the flagstick from the hole and sticks it into the putting green some distance from the hole. Steve Chirip and Shaun Barry play toward the flagstick and not the hole. Do they have the option to replay?

Hole #22

Q. During the Sherwood Moore Cup, Fran Owsik's group went into the clubhouse after nine holes and watched Championship Wrestling on television for 45 minutes. Then the group resumed play. Should the group be penalized under Rule 6-7, Undue Delay or Rule 6-8, Discontinuance of Play?

Hole #23

Q. Dr. Rich Hurley plucked a daisy and marked the position of his ball with it. Is this permissible?

Hole #24

Q. Does Shaun Barry, as referee of a match, have authority to declare an area of ground under repair *during* the match?

Hole #25

Q. Carl Quazza's ball rests in the fork of a branch of a tree. Carl climbs the tree to play his next stroke. The branch bends under his weight. Although the ball has moved relative to the ground it has not moved relative to the fork. Is the ball deemed to have moved?

Hole #26

Q. Is a man-made reservoir a water hazard?

Hole #27

Q. Jim Pelrine's ball comes to rest 3 yards off the left side of the tee against an abandoned ball. What is the procedure?

See answers on page 22.



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Rules of golf...answers

by Doug Vogel
Rules of Golf C.C.

Hole #19

- A. Ed has the right to be satisfied about the identification of a player's ball. If Dennis has dishonestly not identified his ball, Ed may refer the dispute to the Committee. The Committee would be justified in imposing a penalty of disqualification.

Hole #20

- A. No. Not even if his greens are like pool tables.

Hole #21

- A. No. In equity, the Dynamic Duo must accept the resultant advantage or disadvantage.

Hole #22

- A. Fran's group would be disqualified under Rule 6-8a, Discontinuance of Play. They would have been penalized anyway because they were seen carrying foreign objects onto the course.

Hole #23

- A. Yes, however, it is advisable to mark the position of a ball with something that might not be blown away.

Hole #24

- A. Yes, but will he?

Hole #25

- A. The ball is deemed not to have moved since it did not move in relation to the fork of the tree in which it was lodged. Strong quality nursery stock goes a long way.

Hole #26

- A. Yes, but is a man-made reservoir politically correct?

Hole #27

- A. An abandoned ball is a movable obstruction. Jim may remove it without penalty. A victory for Jim, sort of.

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Baltusrol receives NJTA's Recognition Award for 1993

Baltusrol Golf Club and Joseph Flaherty were recipients of the New Jersey Turfgrass Association's Recognition Award for their outstanding work in hosting the 1993 U.S. Open Golf Championship.

The Recognition Award is presented annually to a person, persons or organization in grateful recognition for conscientious efforts toward better turf, thereby contributing to the beautification of facilities, a greener world and a more attractive environment in New Jersey.

NJTA Recognition Award recipients are selected annually from among those individuals and/or organizations that have performed in a distinguished manner in the design, implementation or presentation of projects in which turf is the primary focus.

Joe Flaherty is pictured here accepting the award on behalf of Baltusrol. Baltusrol is perennially ranked as one of the best golf courses in the world. NJTA and the citizens of



New Jersey rightfully recognize Baltusrol and Joe Flaherty for their outstanding efforts.

NJTA announces Hall of Fame Award

The New Jersey Turfgrass Association is pleased to announce the recipient of its annual Hall of Fame Award.

Bob Dickison, golf course superintendent at Upper Montclair Country Club, was inducted into the New Jersey Turfgrass Hall of Fame and is pictured here receiving a plaque commemorating the occasion from Dr. Richard Hurley, immediate past president of New Jersey Turfgrass Association. Pictured from left to right are Dr. Hurley; Hall of Fame recipient, Bob Dickison; and Dr. Richard G. Caton, executive director of NJTA. The award was given at the annual Hall of Fame Dinner Show held in connection with NJTA's annual Turfgrass Exposition. The education program and trade show were held at the Taj Mahal Casino Resort in Atlantic City, New Jersey, in December 1993.

The Hall of Fame Award is presented annually to a person in recognition of a continuing lifetime commitment of dedica-



tion, service and achievements contributing to the advancement of the turfgrass industry of New Jersey.

Continued on page 24

What's in a name?

by J. (Dr. Bob) Gray

Poa pratensis L. is the Latin name for Kentucky bluegrass. It's not from Kentucky, and it is really not "blue". Not blue like the flag blue, but maybe to some a little blue in the green. The "L" at the end of the name means that it was named by none other than Linnaeus, the founding father of modern taxonomy. Taxonomy is the science that classifies plant species, species into genera, genera into families, etc. But what's in a name?

Poa is the name of a genus or group of species. It literally means "grass" in Greek. Perhaps because *Poa* is so common a grass or so representative of all grasses it was given that honor. "*Pratensis*" refers to the slender creeping rhizomes that make Kentucky bluegrass such a popular choice in lawns, golf courses and pastures. But that's a digression. Back to *Poa*. There are over 200 species in the genus *Poa* and about 65 of them are native to the United States. *Poa pratensis*, however, is thought to have originated from Europe. Maybe we should call it English Bluegrass? But I don't think so. But what do they call it over there?

Regardless, we got it right when we refer to English and Italian ryegrasses. The English ryegrass is *Lolium perenne* L. and the Italian ryegrass is *Lolium multiflorum* Lam. Lam refers to another famous early scholar of plant taxonomy, Jean Baptiste Pierre Antoine de Monet, Chevalier Lamarck, or Lam for short. *Lolium* is an old Latin name for darnel, which is not some high tech polyester fabric but rather an old French word for weeds.

Now not all turf type grasses, of course, come from Europe. *Zoysia japonica* you may suspect comes from Japan. It could have come just as easily from the Philippines or Korea. When species travel, they don't carry passports. The origin of the word, *Zoysia*, however, is clear. The genus was named after Karl von Zois. But I don't know who he was or why he was so honored.

Another important turf type grass is *Agrostis stoloniferous* or creeping bentgrass. The word "*Agrostis*" is also from the Greek. It refers to "agros" or the field. Modern words like agriculture, agronomy, agrarian and agrostology (the science of grasses) have agros as their origin.

The word grass itself is likely derived from the ancient Aryan (India) word ghra. It's not a big leap to more modern words like grain, green, grow and to the Latin word for grass, "gramen".

So what's in a name? If it's a name like Lamark, it could be dozens of letters! But for the name of a few key grass species, the origin of names is fun and part of the learning process.

Our thanks to Dr. James Murphy, Turf Specialist, Rutgers University, for reviewing and correcting this article.



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NJTA Hall of Fame Award

Continued from page 23

NJTA Hall of Fame recipients are individuals who have made significant contributions to the advancement of turfgrass science, research, education or industry and have supported or served NJTA in an exemplary fashion for extended periods of time.

Bob Dickison has over thirty years of distinguished service in his chosen profession and has dedicated countless hours of service to NJTA and his community of Verona. Bob is a past president of NJTA and has been appointed as chairman of NJTA's annual Expo for the fourth consecutive year.



Back Nine

500 MUGS

Don't miss the GCSANJ booth at the NJ PGA Merchandise Show and Exhibition being held on Sunday, March 27th, between 10am and 4 pm at the Rutgers Athletic Center in Piscataway, NJ. 500 free mugs will be given out to the first 500 to visit the booth. The mugs have the GCSANJ logo and address and statement, "We Keep Golf Green".

THE SUPREMES


Ladies golf hits a new level of play when Supreme Court Justices, Sandra O'Connor and Ruth Ginsburg, go out as a twosome. The two justices are among the 5 million women golfers in America. In the last five years 40% of all new golfers have been women.

OWNER RETAINS RIGHTS TO LOST BALLS

A judge in Vancouver, Canada, ruled that balls driven into a lake may not be lost forever. They still belong to the original owner. The Mayfair Lakes Management Corporation maintains a contract with a scuba diving company to recover balls lost in its lake. These balls are valued at \$19,137 per year. The retrieval of these balls by an enterprising teenager prompted the trial. He was accused of "stealing" the course's water balls, but the judge held that the balls belonged to the original owners and not the course. The course is now considering requiring a waiver from golfers relinquishing ownership of balls lost in the lake.

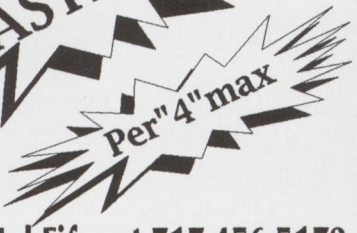


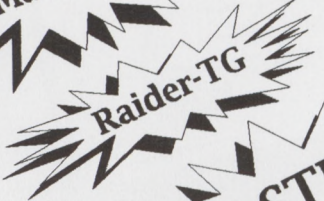


TWINS SEPARATED AT BIRTH?

It was (in the words of Yankee immortal Yogi Berra) like deja vu all over again. Meeting for the first time in a midtown New York City restaurant, Ilona Gray (editor of "The Greenerside") and Monroe Miller (editor of "The Grass Roots", the Wisconsin Golf Course Superintendents newsletter) swapped editorial trade secrets and life histories. Both are graduates of land grant agricultural colleges, both are celebrating their 25th wedding anniversaries this year and both spouses have science backgrounds.



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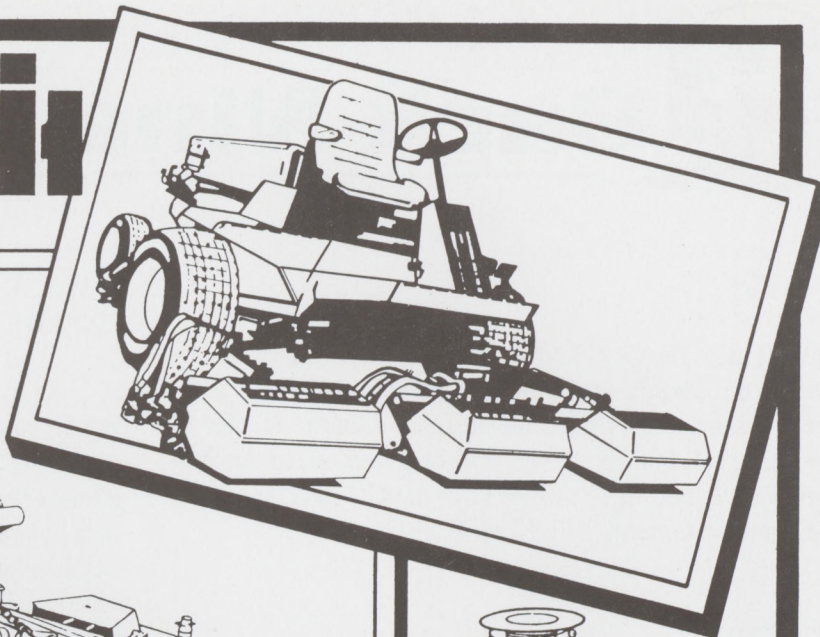
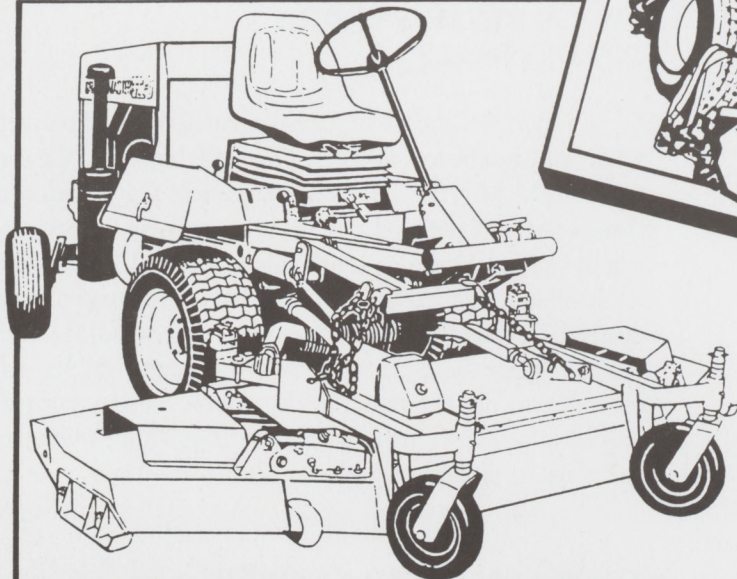
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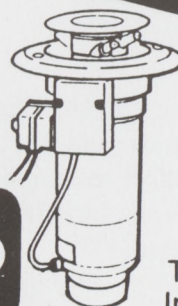
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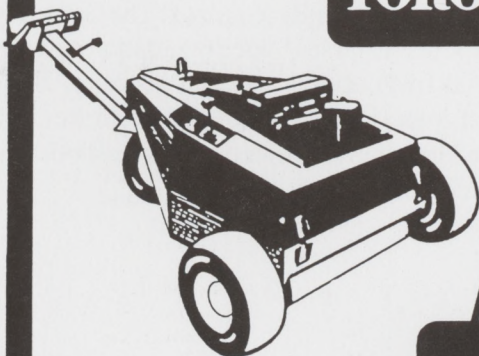


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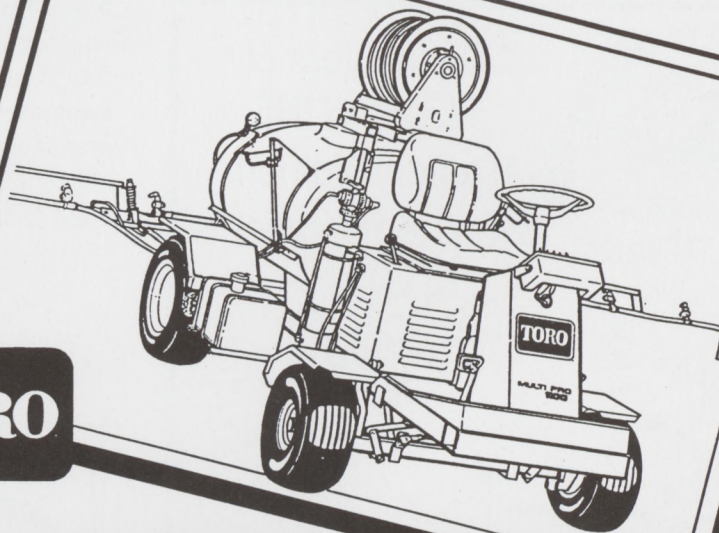
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