

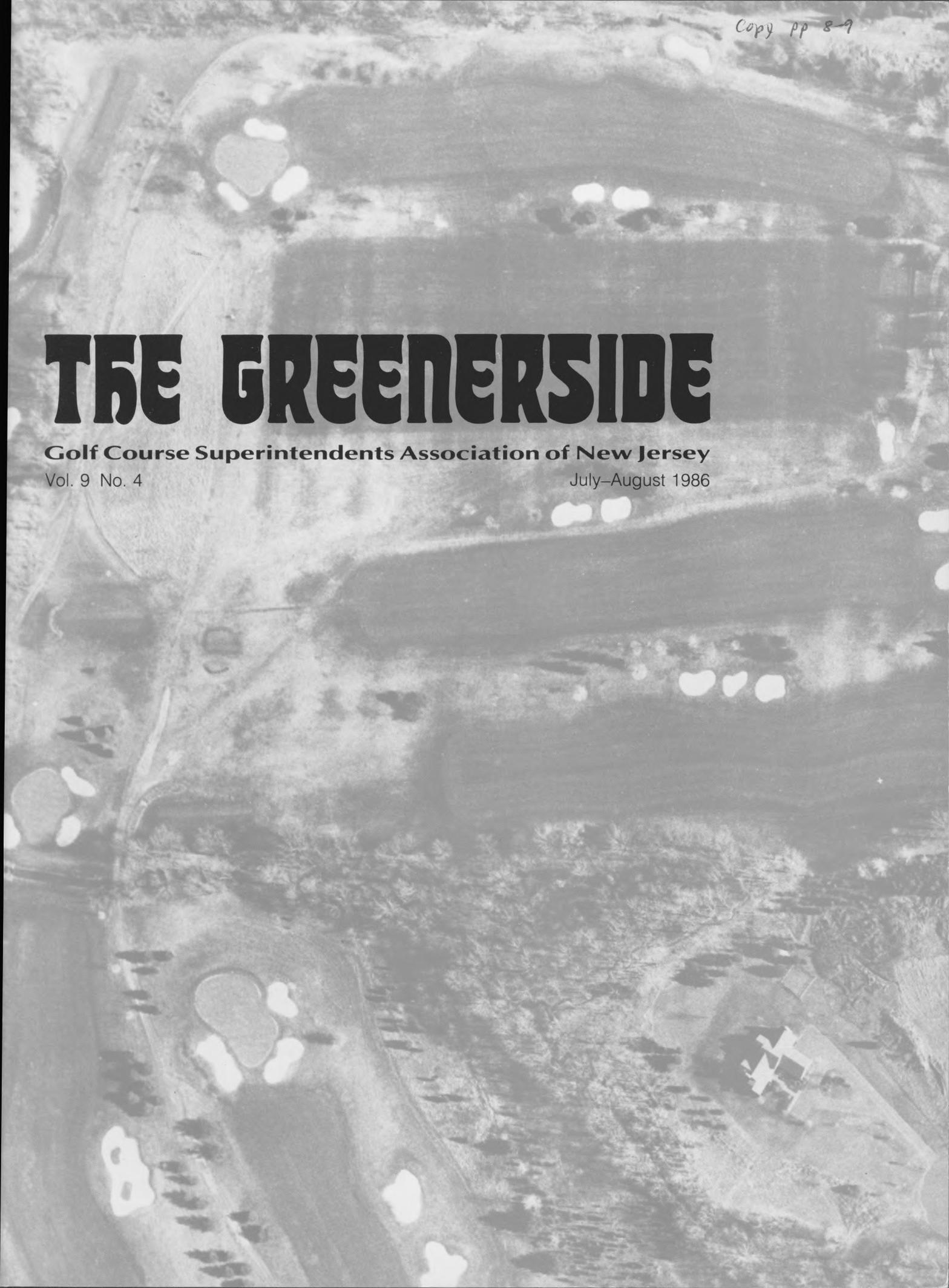
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THE GREENERSIDE

Golf Course Superintendents Association of New Jersey

Vol. 9 No. 4

July-August 1986



THE GREENERSIDE

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

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GOLF COURSE SUPERINTENDENTS ASSOCIATION OF NEW JERSEY

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Box 231, New Brunswick, NJ 08903

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

In 1986, The Greenside will be published six times. The publication dates will be: Jan. 20th, March 20th, May 20th, July 20th, Sept. 20th, and Nov. 1st. Editorial copy deadlines will be twenty days prior to publication. Advertising copy (camera ready) will be due thirty days prior to publication.

Each issue will contain fourteen pages with a perforated page containing the Patron Directory and the Calendar.

WHAT'S GOING ON!

THE GREENERSIDE EDITOR has reached a milestone in his journey. It has been an exciting journey marked with satisfaction, success and maybe a few disappointments. The Greenside has matured into a journal of expectations. Expectations in the sense that it is anticipated and read by GCSANJ members and even at times by their families.

In writing, editing and publishing a newsletter of this type, you wonder about some things. Do the readers read the newsletter; do they understand your themes and viewpoints; why don't they respond. In developing thoughts on what we print, the constant barometer throughout the process is to stimulate an interest and response to what is written.

My biggest disappointment at this time is the lack of written response to what is written in the newsletter. We have had some comments about Walsh and DeSanctis; we printed the one letter we received responding to Bert Jones' fine editorial; and Leo Cleary keeps me posted, but nothing else.

The problem that is surfacing is that we cannot continue to publish this newsletter in a vacuum (e.g. a space partially exhausted by outside interests and ideas.) We need to be stimulated.

We are pleased by the continuing interest of Ed Walsh and his comments in "Walsh's Thoughts." It is provocative, interesting and readable; three important ingredients in journalism. Willet Wilt has continued to be a source of pride to The Greenside; his column in this issue is some of his best work. Bruce Cadenelli has elevated the position of associate editor to a fine degree; stimulating the pages with ideas, concepts and provocations to improve this Association.

It is a simple theme, we want a better Association but it is necessary for many more to contribute. If you have ideas, suggestions or even articles, put them in an envelope and break loose for .22¢ and mail it to us. We are anxious to see and hear and publish your ideas.

JIM GILLIGAN

WEATHER OR NOT!

THE EDITORIAL PAGE is usually reserved for words that state an opinion. Being a golf course superintendent in this season of 1986, I am lost for words. Isolated and chained to this golf course since April has given me a severe case of tunnel vision. Paranoia over rainfall has given way to "pump schizophrenia." The threat of rainfall is welcomed. Weather analysts, forecasters, and show business types are joyful about the beautiful weather we have been experiencing here in New Jersey since April. Usually in the temperate climates we can count on ten great weather days a year. Clear skies, cool temperatures and a slight wind qualify a great day; this year there have been too many great days. Too much sun, no cloud cover, dry atmosphere—great for the beach, but tough on grass.

It is with interest this time of "Liberty Week", I am listening carefully to the TV weather analysts to see if they put rain in the forecast. There is now a threat of rain in shower form moving west to east. One day of rain could give the aquifers a momentary breather to recharge.

Since we haven't had our quota of rain days this spring, the fallout is evident; paper work has been neglected, the barn hasn't been cleaned and the roads are dusty.

The NJDEP, Division of Water Resources has been quiet; no water restrictions or threat of allocations. The upstate reservoirs are at normal levels; the Delaware River must be flowing at seasonal volume; improvements in storage and transferability of water facilities have eased the burden. What about ground water supplies?

JIM GILLIGAN

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Golf Course Architect

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Willet Wilt says:

I Asked for Help and What Did I Get . . .



If you think it is easy being green, you should try to hire a crew to run a golf course. Some of what you end up with is the following:

One worker was upset that he only had one bucket of clippings after mowing six greens. The superintendent was more upset to learn that the worker never took the transport wheels off the walk-behind greens mower.

Noting that a new fellow didn't bring back any grass clippings to the maintenance building, the superintendent was disappointed to learn that he had dumped them in the "big white pits."

There is a direct ratio of the number of clutches that have to be replaced on golf course vehicles to the number of new employees one has on his course.

Hiring a girl seems to either clean up the crew's language or put them into heat.

When you end up with a member's kid as an employee, boy does this kill the stories around the lunch table.

The employee who works for you and also caddies on weekends can be depressing, because he is the one who tells you what the members REALLY think about the golf course. Sometimes that is better left unknown.

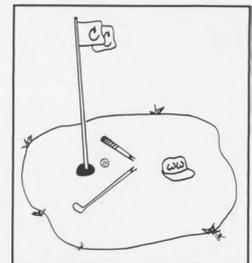
The guy who wants to work on the course because he loves golf is always a unique one. He is the one who will sit in the maintenance building all day because it is raining, and then after hours will play the course in a thunderstorm.

Retired dudes who become new golf course workers are an interesting breed. They are always talking about their old job, telling you how great it is to work outside, and how it was better done their way than yours.

One frustrated superintendent told a new worker to just go out with a rotary mower and mow whenever he saw tall grass, so the fellow went home and mowed his mother's lawn.

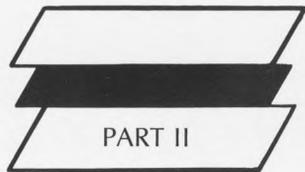
You know you are in trouble when you look at your crew and realize it looks like a cast call for "Caddy Shack." But have no fear, because there is always next year.

If after reading this column you are interested in employment opportunities in other fields, please contact Ken Kubik at P.O. Box 336, Mt. Freedom, NJ 07970. ■



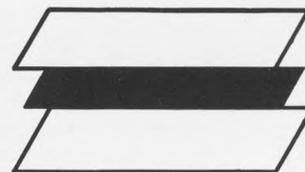
"I don't know the key to success, but the key to failure is trying to please everybody."

—Bill Cosby



PART II

Phase Failure



DAVE PEASE

Trying not to appear too presumptuous I would like to comment on and provide possible solutions to enable our association to perform on a more efficient level. Dealing with the four categories outlined in "Phase Failure I" a number of changes must take place on an administrative level to ensure our association goals are met.

Restructuring our methods of operation:

The size of our association has grown beyond the administrative level to adequately cope with the influx of information required to effectively perform its duties as an administrative body. Long term planning and goals must be established in order to provide direction for its membership. These long term goals and plans are not only directed toward the ideals of the association but must also be implemented into the operational aspect of the organization. The major thrust of this article is going to deal with the restructuring of one important element on our administrative level. As I mentioned in the previous article, there are other administrative areas for restructuring, but I'm going to deal primarily with what I consider the multiple solution for our growing pains; the delegation of association responsibilities through existing committees. By implementing a change in our committee format it will allow for additional participation by its members, an understanding of the ruling body, increased awareness by the general membership, individual membership responsibility, a resource for future leadership, and above all, providing a more active and productive association for years to come.

We presently have fourteen committees. For information purposes I will list them; research, newsletters, governmental relations, national delegate, field days, association relations, L.P.G.A., membership, roster, meetings and speakers, benevolent, golf invitational, and educational seminars. Some of these committees are staffed adequately, the majority are not. The association has eight directors, four officers, one executive director, and a past president serving on the board. I would like to see existing committees to incorporate membership participation beyond the directors involvement. As an example; the membership committee should have at least five members serving on that committee to screen and inform the new applicants of what their responsibilities are as members of this organization. At the present time we have only one person on that committee resulting in ineffectiveness to perform those duties by which this committee was set up for. By incorporating non-administrative members for this particular committee you are increasing your association participation by providing involvement for the members. Other committees are in desperate need of this type of overhaul. The use of present directors and officers as chairmen for these committees will help coordinate and condense the vast amounts of information needed to be supplied to the general membership. This would reduce the work load of the upper administration so it is able to concentrate on immediate problems, and pragmatic decision making.

I believe the committeeship of our organization is the means by which this

association can cure many of its ills, such as the apathetic attitude discussed in "Phase Failure I". Getting more members involved on committees as a possible requirement for membership in this association will breed responsibility and interest into this association. Serving on committees could provide a resource to draw future leaders for this organization, rather than to be appointed for those roles. Individual interest may be developed through serving on committees to take on these leadership roles so that the goals of this association are met.

If we are to be concerned about our future welfare we must look closely at the direction we as professionals choose in determining our destiny. This association represents what we as professionals of this industry are all about. Let us organize our functionary responsibilities and move forward on definitive goals. ■

BIG TREE NURSERY



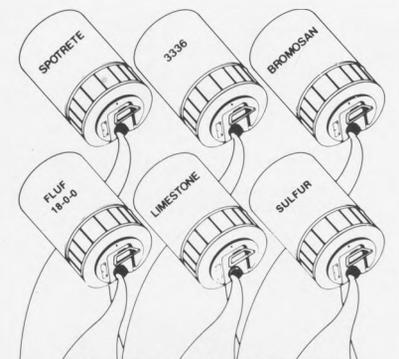
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Flanders Valley



Above: Walt Will, Terry Stanley, Dave Pease, and Larry Dodge looking like they won!



Left: Henderson, Murray, Pomeroy golf pros with host Tom Murphy.

Photos by Paul Jordan

Flanders Valley Golf Results Scramble-Skin Game

WINNERS

Steve Lee-Dave Lee-Ron Lake-Larry Young—Eagle on #5

2nd PLACE

Joel Sircone-Charlie Sweisberger

Joel Moskowitz-Mike Oleykowski—Birdie on #18

Low Gross—12 Under

Ed Walsh-Pete Pedrazzi-Jim Copola-Rich Browne

Closest to Pin #7—Jack Martin

Closest to Pin #17—Dan Mc Glynn

Longest Drive—Charlie Sweisberger

Oak Hill

Joel Jacquemot hosted a contingent of GCSANJ members and guests to a fine day of golf and repast. There were some mummings of quick greens, but they were quickly quieted by the praise of the conditions of Oak Hill. Joel does a marvelous job of managing and conditioning this fine golf course in the western hills of Hunterdon County.

Jim Barrett, James Barrett Associates, Inc., golf course irrigation designer and consultant outlined the steps needed to evaluate an updating of an irrigation system. Jim emphasized the need to explain explicitly the justification for a new or converted system. Bob Matthews chaired the meeting in the absence of Bob Ribbons, who was busy preparing Fairmount for the Chrysler-Plymouth LPGA Classic. ■

Oak Hill Golf Results

Low Gross—Tom Grimac 82

Low Next—Ron Luepke

1st Team—John Schoellner—Jeff Scott 62

2nd Team—Joe F—Duke Polidor 66

3rd Team—Jack Martin—Bob Dwyer 66

Longest Drive—John Huda

Closest to the Pin #5—Joe Fricovsky 1' 3.5"

Closest to the Pin #11—Shaun Barry 16' 11"

Skins and Scats

Pete Sallozar #1

John Schoellner #6

Paul Granger #8



GCSANJ Invitational

With enough potential sites escaping the committee, the Invitational has firmly secured the Forest Hill Field Club as the site of the 1986 GCSANJ Invitational. Jeff Wetterling has assisted the committee in making the arrangements and will enjoy the opportunity to welcome golf superintendents, golf professionals, and green chairman to his finely tuned golf course. The date is October 2, 1986.

District Golf Championship

The Bedens Brook Club and Jim Gilligan will host the annual District Golf Championship. This doesn't mean non-contestant combatants can't play golf, everyone is welcome until the number reaches 80. The first 80 golfers who return cards will be able to tee it up, including District contestants. There will be 110 slots for dinner, so get those cards in!

GCSANJ Field Day

Sandwiched among the premier golf events is the GCSANJ Field Day on October 7, 1986 at the Rutgers Athletic Facility.

GCSANJ Golf Championship

The Navesink Country Club under the guidance of Larry Dodge will be the site of this year's GCSANJ Golf Championship. Terry Sawyer is the defending champion. The date is October 23, 1986. ■

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Impromptu Questionnaire #1

THE GREENERSIDE

GOLF COURSE SUPERINTENDENTS ASSOCIATION OF NEW JERSEY

IMPROMPTU QUESTIONNAIRE

Observations of Current Turf Growing Season

Greens, Tees, and Fairways:

1. Growth patterns of:
 - Poa? _____
 - Bents? _____
 - Rye? _____
 - Others? _____
2. Did you use PGR on Poa? _____ If Yes, what were effects? _____
3. Have you fertilized yet? _____ How much? _____
4. Have you begun irrigating? _____ Frequently? _____
If not, why not? _____
5. Topdressed yet? _____ How many times? _____
6. What other cultural practices have you postponed due to the weather?

7. Are you maintaining normal mowing heights? _____ If not, what have you done? _____

General Questions :

8. Have you played golf? _____ How often? _____
9. Golfers been complaining? _____ If yes, what is your answer? _____
10. Describe weather in ten words or less. _____
11. Do you read The Greenside? _____ Any constructive comments? _____

P.O. Box 143, Skillman, New Jersey 08558 • 609-466-1820

Taken May 15, 1986 at the Oak Hill Meeting
25 Golf Course Superintendents Responded

To incorporate more local (GCSANJ) news into The Greenside, we have instituted a random survey that will serve various functions throughout the season.

In tabulating the results, we discovered some interesting trends:

- Question 1: It was unanimous Poa annua has been slow and weak; bentgrasses also have been slow but normal; rye grasses were doing well, good growth and color.
- Question 2: 64% did not use Plant Growth Regulators on Poa annua.
- Question 3: 84% had fertilized with amounts ranging from 1/2" N to 1" N actual per thousand square feet. It is generally understood this is for greens, tees and fairways.
- Question 4: 80% had begun irrigating; mostly on an infrequent schedule.
- Question 5: 88% had topdressed at least once and half of them twice.
- Question 6: Most of postponed cultural practices were herbicides applications; aerification and verti-cutting.
- Question 7: 96% had maintained normal mowing heights; the 4% who hadn't actually lowered their cuts to remove Poa seed heads.
- Question 8: 92% are playing golf; some as much as ten times. The average is about four rounds since the season opened. Surprising.
- Question 9: 68% said that their members are complaining, especially about hard greens.
- Question 10: Weather has been uncooperative, to say the least.
- Question 11: It was unanimous, everyone reads The Greenside.

District III News

During April of this year District III leaders authorized a salary and maintenance operations survey which was sent to all superintendents within the district. A full fifty percent of those surveyed returned the completed forms. The comprehensive survey covered all aspects of our course operations from salary and benefits to budgets and maintenance practices.

The survey contained a wealth of information which will prove beneficial to all superintendents. Results were returned to those individuals who responded to the survey.

District III is looking to hold a golf tournament this Fall. We hope to play the tournament on Monmouth County's Pine Brook Golf Course. The unusual aspect of this tournament is that it will be played using the new Cayman golf ball. More details to follow!

Last year many superintendents in District III formulated a paper for our clubs on golf course water conservation. The paper dealt with ways to use less water, and also how to make the water you use go further. Copies are available from Bruce Cadenelli. Also, the University of California has published a book titled "Turfgrass Water Conservation." Order from ANR publications, University of California, 6701 San Pablo Avenue, Oakland, California 94608-1239. Cost of the book is \$10.00. ■

"I never did anything worth doing by accident, nor did any of my inventions come by accident; they came by work.

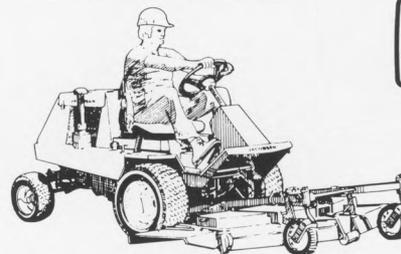
—Thomas Edison

Answers to Quiz on page 10-1. Daconil, 2. Subdue 3. Dursban, 4. Bayleton, 5. Roundup, 6. Proxol, 7. Chipco 26019, 8. Actidione. Bonus question: Triadimefon

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Seed "pirating," or variety misrepresentation, is causing great concern in the turf industry. Seed packaged in plain stenciled bags without a blue certified tag may be illegal seed. As a turf professional you should be aware the practice is becoming more widespread and involves many varieties. There are many ramifications to this illegal practice:

How seed pirating affects you — You may not be getting what you paid for. In fact, you don't even know *what* you're getting. Its performance is unpredictable. As a turf professional, that jeopardizes your reputation.

How it affects the turf industry — Most turf varieties are developed by university research programs. As part of the licensing agreement, the seed companies that market these varieties pay royalties, based on sales volume, to those developing universities. Because pirating reduces legitimate sales of these varieties it reduces the royalties. That means less funding for perpetuating research and developing new varieties. Less financial support for *your* industry.

To give you an example of the extent of this support, between 1980-85 Lofts paid royalties totaling over \$400,000 to five different universities for turfgrass research.

How it affects a product's reputation — Companies like Lofts spend



This seed was delivered in a plain, stenciled bag. Its contents are questionable. You should not accept delivery of such seed.

many years and many dollars working with universities to develop the top-performing varieties you need. When you buy a proprietary variety, like Prelude for example, you expect to get quality seed with consistent performance. Your expectations may not be met however unless the seed you receive is legitimate Prelude or the specific variety you purchased.

How to know you're getting the seed you ordered — Every proprietary variety of seed has its own distinctive bag design. The bag will include the variety logo, company name and Plant Variety Protection number. And legally packaged seed will have a blue certification tag which is fastened to the bag in the State of origin. This is in addition to an analysis tag.

Investigations are underway to locate the origin of illegal seed. But until the practice is stopped, you need to protect yourself and *your* industry by dealing with only reputable seed suppliers and accepting only certified blue tag varieties that are packaged in their "designer" bags. Accept no substitutes!



Every bag of seed will have a blue certified tag as proof of content.

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ENVIRONMENTAL IMPACT

Continuing our dialogue on environmental issues on golf courses we are outlining three issues: Hazardous Waste, Underground Storage, and Right to Know.

In researching the available material, the main objective of all the regulations is to protect the limited resource of surface and ground water supplies. The most important being the ground water. The surface supplies because of their exposed nature are being continually contaminated from pollutants in the air; acid rain being a culprit.

In the arena of environmental clean-up, air quality was the first major target, it was very obvious. The environmental threat now is the contamination of the fragile aquifers that contain a major portion of our potable water supply. Pollution from the surface in the form of pesticides, chemicals, petroleums, raw sewage, or other forms of hazardous waste can render an aquifer useless.

Sight unseen these aquifers seem to be ignored or forgotten; currently we are experiencing a serious dry spell and no threat of water restrictions. Why? The criteria used to implement water restrictions is surface water. What is the level of ground water?

The whole cycle of environmental pressures or impacts are centered on ground water contamination. It proves troublesome to adhere to all the regulations: safe pesticide use, controlled use of water, identification and safe disposal of hazardous waste, inventory and inspection of underground storage tanks, but all designed to protect the water.

On these pages we have attempted to make everyone aware of the importance of trying to comprehend, respect, and obey the heavy burden of environmental regulations we must now work with. Our work is incomplete; information, interpretation, and regulations can be obtained from the DEP.

With our limited resources we will continue to publish environmental information, it will be a continuing feature of The Greenside. Needless to say it is everyone's responsibility to follow the regulations; the DEP has a strong enforcement policy. ■

Hazardous Waste

Hazardous wastes begin their classification as a solid waste, it is only later in the administration chain that they become hazardous wastes or acutely hazardous wastes.

Solid wastes are material that have been discarded from industrial, agricultural, commercial processes regardless of how it is handled, treated or managed. Each generator of solid waste must make a determination if the solid waste is hazardous. If the waste is excluded from the hazardous waste regulations it is non-hazardous; household wastes, domestic sewage and farm wastes are excluded from regulation. If the waste is not excluded, the generator must determine if the waste is hazardous. There are lists published in the New Jersey Administrative Code 7:26-1 and 7:26-7 through 12.

The hazardous waste regulations listed in the Code became effective August 6, 1981. These regulations were authorized by the New Jersey Solid Waste Management Act (the Federal Resource Conservation and Recovery Act of 1976 (RCRA) was the forerunner of this state legislation).

The regulations test the standards for the proper handling, transportation, treatment, storage and ultimate disposal of hazardous wastes. The two types of hazardous wastes that confront golf course superintendents are: Waste petroleum products and pesticides.

Golf courses are generally eligible for the "small quantity generator exemption." A generator is a small quantity generator in a calendar month if they generate less than 100 kilograms (220 pounds) of hazardous waste, or 1 kilogram (2.2 pounds) of

acutely hazardous waste, or 100 kilograms of spill clean-up material of an acutely hazardous waste.

Small quantity generators may accumulate up to 100 kilograms of hazardous waste (or 1 kilogram of acutely hazardous waste) indefinitely. As soon as the limit is exceeded however, all accumulated waste becomes subject to full regulations. The small quantity generator then has 90 days to remove waste to an authorized treatment, storage or disposal facility.

Waste petroleum products will accumulate at a golf course facility quicker than pesticides unless the pesticide waste is classified as an acutely hazardous waste. Petroleum wastes are exempted from the regulations unless the storage amount exceeds 1000 gallons. They can be disposed without a manifest; the oil waste hauler's manifest takes precedent thereby exempting the generator from providing the manifest. Insure the waste hauler has the proper certification.

Pesticide wastes can be easily disposed of by triple rinsing the containers, this makes them non-hazardous; use the leachate in a spray to effectively eliminate the pesticide waste. Do not exceed the recommended rates. There is an excellent article in the February issue of Golf Course Management on pesticide disposal. ■

Underground Storage Tanks

Federal law (Public Law 98-616, the Hazardous and Solid Waste Amendments of 1984) requires that the owners of underground tanks containing hazardous substances and petroleum products register underground tanks by May 8, 1986. Above ground tanks are exempted. The New Jersey Department of Environmental Protection is the agency to receive the registration.

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Under Federal law the following types of tanks are required to be registered:

1. all underground tanks containing any hazardous substance.
2. all underground tanks, independent of their use, with capacities greater than 1,100 gallons containing motor fuel.
3. all underground tanks containing motor fuel with capacities of 1,100 or less and used for commercial purposes.

Tanks which are excluded:

1. motor fuel tanks of 1,100 gallons or less used for storage for non-commercial purposes.
2. tanks used for storing heating oil for consumptive use on the premises where stored.
3. septic tanks.

To this point all regulations are mandated by Federal law; the State of New Jersey has a more stringent law pending. Following are some of their proposed regulations.

Tanks used for storing heating oil for on-site consumption, over 2,000 gallons, are required to register. Secondly, the definition of hazardous substances is extended to include hazardous wastes under RCRA and hazardous substances and toxic pollutants under CWA. Simply it means you should register all underground tanks that contain gasoline, heating oil, waste oil, diesel oil, kerosene, or any other petroleum product that is a liquid. These regulations tend to be redundant and confusing, if there is any doubt register the tank or call the DEP. A third requirement is necessary under the pending state law; you must provide a site plan as part of the registration.■

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The Right To Know Law

The "Worker and Community Right to Know Law" was passed by the State legislation in 1983. The law requires employers to inform both their employees and public agencies of the chemicals they are using. They also must label every container with the chemical name and identification number of its contents.

At present, only public golf courses are required to comply with the law: private golf courses are exempt. All schools and industrial establishments with Standard Industrial Classification codes of 46-49, 51, 75, 76, 80, 82, & 94 must comply; private golf courses have a SIC code of 7997.

The law is for the safety of the employee. Golf courses are already in compliance in most hazardous areas due to their adherence to the more complex pesticide regulations which require extensive labeling and safety procedures. Since it is probable that golf courses may have to comply with the "Right to Laws" in the future it is important to be familiar with them now.

Some of the current requirements are: DEP Environment Surveys, labeling of all containers, and the establishment of education and training programs.

The law is being challenged on its labeling requirements because it duplicates a OSHA stipulation that containers include warnings about the potential hazards of chemicals. Simply a single label applied to all hazardous containers could be devised that contains all the information that the EPA, DEP, Right to Know, and OSHA require.■

Environmental Phone Numbers

Water

William Whipple, Assistant Director, Water Supply and Watershed Management Element 609-292-7219
Robert Mancini, Water Allocation 609-292-2957
Water Allocation Permits 609-292-0580
Dirk Hofman, Deputy Director, Division of Water Resources 609-292-1840

Pesticides

Raymond Ferrarin, Chief, Bureau of Pesticide Control 609-530-4122
Ralph Smith, Pesticide Certification 609-530-4131
Mark Robson, Research Scientist 609-530-4124
Don Patterson, Enforcement 609-530-4132
Bob Kosinski, Emergency Response 609-530-4138

Hazardous Waste

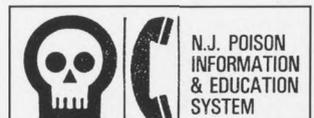
Division of Waste Management 609-292-8341
Division of Waste Advisement 609-292-8341
Division of Registration 609-292-8341
Division of Disposal 609-292-8341
Division of Regulations 609-292-8341
Division of Manifest Forms 609-292-8341

Right to Know

Ed Stevenson, Coord., Science and Research 609-292-6714
Maria Vega, Dept. of Health 609-984-1863

Underground Storage Tanks

Rob Nugent 609-292-0424
Registration 609-984-9736



1-800-962-1253

Walsh's Thoughts



How often have you sat with a group of superintendents and discussed job changing? How often has that discussion centered around a job that was filled by a local or national association board member? How often have we criticized that particular individual because we thought his position was used unfairly? I know I have either done this myself, or been involved in such a discussion many times.

I do not know if it is age, maturity, or more practically, common sense, that has changed my initial thinking. I have now come to realize that, the person who I thought had an unfair advantage, really never had. If that is the case, why does it seem that the person involved in the association is in a position to move up professionally quicker than someone who is not involved. Without question, the reason has just been mentioned . . . "involved".

I now realize the importance a green committee chairman or search committee place on a prospective superintendent, who is involved in his professional association. The superintendent that makes himself available for association duties, but still maintains a high standard at his club, is a well rounded, well organized individual. It is not uncommon to find that a job has been filled by such a superintendent and it is certainly not uncommon to hear that an important reason for that person getting that position was his involvement with his association.

I guess I am trying to make a point and that point should be obvious. It is much too easy to say you will make a commitment to your association. The difficult part is fulfilling that commitment. If you do not think that involvement and commitment will have a positive influence on your career direction and improvement, you are an extremely naive individual. The golf course superintendents profession is one of flexibility and challenge. The person who does the high quality job at his club and accepts the commitment to help improve his professional association will always be looked upon favorably by the golf community. Remember, someone in that community may be your next employer. ■

Quiz

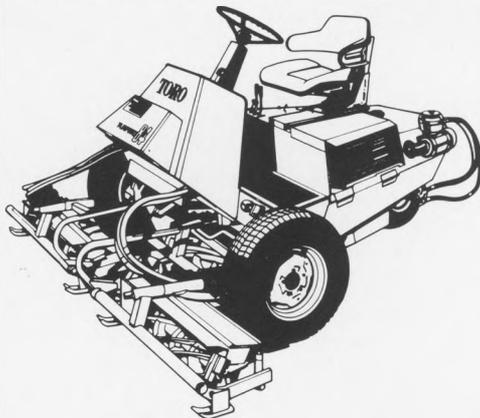
Match the generic name with the trade name:

- | | |
|-------------------|--------------------|
| 1. Chlorothalonil | _____ Dursban |
| 2. Metalaxyl | _____ Chipco 26019 |
| 3. Chloropyrifos | _____ Actidione |
| 4. Triadimefon | _____ Proxol |
| 5. Glyphosate | _____ Bayleton |
| 6. Trichlorfon | _____ Subdue |
| 7. Iprodione | _____ Daconil |
| 8. Cyclohexamide | _____ Roundup |

Bonus question: Can you identify the compound whose molecular structure appears on the cover of the May-June issue?

Answers on page 6

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From the Archives



Photo courtesy of Sky Bergen

GCSANJ members and their wives pictured on the steps of the Monmouth Park Race Track July, 1962.

1st Row L-R: Joe Malikowski, George Dixon, Al Foster; 2nd Row: Bob Kapherr, Floyd Staats, Sky Bergen, Roy Bossolt, Charly Alliott; 3rd Row: Bill Riley, Earle Miller, Frank Paolantonio, Bill Koonz; 4th Row: "Doc" Crawford, Mike Yarussi, Leo Cleary, Pete Pedrazzi, Al Caravella; 5th Row: Larry Munther, Jim Roach, Bill Monahan, Ben Dziedzic, George Burton, Chet Huey, Phil Koch.

Weather

"Methinks I have outlived myself, and begin to be weary of the sun."

Thomas Browne: *Religio Medici*, 1842

Rain, or lack of it, is the main thought on each superintendent's mind this spring. In mid-April, specifically the 14th, 15th and 16th, New Brunswick had 5.06 inches of rainfall. The entire month of April had 6.72 inches, 178% of normal. Except for the three days of deluge there has been below normal percentages of rainfall for three months beginning in April. May and June have been extremely dry with about 25% of normal precipitation in Central and Southern New Jersey; Northern Jersey has fared better with about 50% of normal precipitation.

This below normal rainfall, coupled with hot, dry, windy and sunny days have pushed irrigation systems to the limit.

Below is printed rainfall data for weather stations throughout the state. ■

	April		May	
	Inches	% of Normal	Inches	% of Normal
Newton	4.68	117%	2.34	67%
Charlottesville	7.08	163%	2.07	52%
New Brunswick	6.72	178%	0.96	25%
Freehold	6.44	176%	1.02	27%
Hammonton	6.74	189%	1.05	30%
Pomona	4.59	143%	0.54	18%
at New Brunswick				
4/16/86	1.42"			
4/17/86	2.59"			
4/18/86	1.05"			
	5.06"			



CONTACT
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 (201) 227-5612

Proper Pesticide Application



Gerald L. Faubel, CGCS
GCSAA Director from Saginaw Country Club Saginaw, Michigan. Mr. Faubel is Chairman of the GCSAA Government Relations Committee.

Is your ability to successfully perform your job being jeopardized by another golf course superintendent? The "Other Guy" may not understand how to properly apply a pesticide. By misapplying the pesticide, damage to the environment may occur. When enough reported cases of environmental damage have been received, the pesticide will be reviewed by the proper authorities (EPA). If the pesticide is determined to pose a real threat to the environment the pesticide will be removed from the market.

In the most recent case, Diazinon was determined to be a threat to the avian population generally found on golf courses and sod farms. Primarily, goose and duck populations have been seriously harmed from grazing on turf treated with Diazinon. Unfortunately, there may be some individuals willing to misuse a pesticide to rid themselves of a local goose population.

Ciba-Geigy in their recent defense of Diazinon before the EPA Scientific Advisory Panel, cited a survey which dealt with nuisance Canadian Geese on golf courses. Ciba-Geigy stated:

"The survey conducted by Conover and Chasko demonstrates that Canada geese are perceived as a widespread problem on golf courses in the eastern United States and that a significant proportion of course managers appear willing to use or would condone killing geese with lethal chemicals. Quantitatively, the study shows that 26% of the 8,328 (i.e., 2,165) golf courses in eastern states may have geese problems; with -10% of respondents strongly favoring or favoring use of lethal poisons these data suggest that such activities may have the potential to occur on over 200 golf courses. As nearly 50% (26 of 54) of reported bird kills attributed to Diazinon have involved Canada geese, it must be asked what proportion of these incidents may be intentional misuse of the most widely used, and therefore, most available turf insecticide."

By this statement, Ciba-Geigy has stated the misuse of their product—Diazinon is the problem and not the product itself. The Scientific Advisory Panel did agree about the potential misuse of Diazinon by the applicators.

Golf course superintendents in general have had a long standing professional pride in their responsibility toward the environment. They have treated their surroundings with great respect and with a great deal of justifiable pride. The golf course superintendent receives many accolades from the membership when everything looks green and wonderful. The other side is the tremendous pressure on the superintendent by an irate membership when the golf course has blemishes from too much or too little of something. Brown grass is not pleasant for anyone. The real problem is the perception as to what a golf course should be. The blemish free, green lush turf, free of insects and disease might be a thing of the past if some people have their way. It may just happen if we continue to use the same turfgrass cultivars we are attempting to grow at the present time. No matter how much money a club is willing to spend on their chemical and fertilizer budgets, the chemicals and fertilizers may not be available to use, because they may be a threat to the drinking water supply and/or the environment.

The USGA/GCSAA is coordinating an extensive turfgrass breeding program at various sites throughout the United States. Other factors such as plant physiology and improved

(continued on page 13)



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Roughly Speaking

"Do you ever feel like a range ball mixed in with a new batch of Titleists?" So asked golf professional Gary McCord at the recent Metropolitan Golf Writers and Golfcasters dinner. He was referring to his wacky endeavors on the professional golf tour, but I think being a golf course superintendent can also make one feel in a similar vein. Slightly out of step with the rest of the world. When so many look forward to the fun and sun of Summer, we worry about wilt, pythium, and the reliability of our pumping systems. When the best Summer days are the ones when it rains; this gives us and our staffs a little time to relax. Certainly a different perspective from most folks.

This business of greenkeeping is a curious profession. So much time, effort, and money expended to develop and maintain these green carpets we call golf courses. Many times I think we as superintendents try to do our jobs too well. The problems that we incur with moving grass just slightly higher than dirt are numerous. Not only must the turf look good, but it must also roll well and be able to hold a sculled four iron. Now where is the justice in this world? As I said, some of it is our fault because we try and get something out of the plant that isn't there yet.

As difficult as this profession can be, it is a marvelous way to make a living. Outdoors, enjoying the beauty of nature, is a great way to spend your working day. I doubt if many of us would thrive working in a more normal office setting. Having the freedom to roam our courses and manage our operations is an appealing aspect to our work.

Another positive aspect to our work is the area of member relations. When a member takes the time to seek you out, and pay you and your staff a compliment it adds an important element

of respect and appreciation to your work. I've come to learn that our members truly appreciate the golfing conditions we give them, and that they truly value us for the contributions we make to golf.

All in all, being a professional golf course superintendent is a nice way to go through this life! ■

B.E.C.

Faubel—Pesticide Application

(continued from page 12)

maintenance techniques are being developed. *Greater Stress Resistant Turf*—stress factors such as water, fungus, insects, heat, salt, and compaction.

The golf course superintendent should realize the serious nature of the problem. There will be fewer pesticides, less water and the demand for improved turfgrass. Conditions can be improved for everyone, a safe and clean environment can be maintained. Through the cooperative efforts of all people interested in the game of golf, the necessary research and development can be accomplished.

Presently, GCSAA has contacted the Miller Chemical and Fertilizer Corporation in an effort to find an effective repellent for water fowl which can be used safely on golf courses. EPA has suggested safer methods be developed, such as injecting pesticides into the thatch layer to deposit them at the site of the pathogen. Exposure to the environment of a pesticide must be reduced and the pesticide must not enter the food chain or the water supply.

Worker safety is another consideration. Applicators need a good protective water proof suit; go to the Golf Professional and purchase one of the new rain suits. It probably is made from one of the new synthetic fabrics which will provide excellent protection. One of the most difficult things to wear is a breather or respirator. To reduce exposure consider using flowables, liquids and products which come in safe packages, such as Dow Chemicals' new soluble package. One of the keys to safe use is safe handling and reduced exposure. ■

THE BEST NAMES IN TURF CARE

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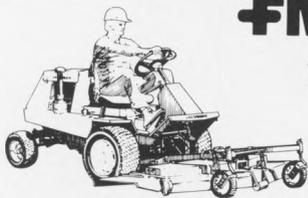
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For air and sunlight; pride of the previous owner
Who, dreaming a lawn quite innocent of weeds,
Had cleared the ground, sprinkled the fine seeds
And left the rest to fate and gardener's honour.*

*For thirty weeks they grew undisciplined,
Guzzling the rain and grappling with the wind;
Each juicy filament took the lean and swerve
Of its compacting wave in a churned lake,
At last, fetching the clippers and the rake,
I contemplate the sentence I must serve.*

*And then the blades move in, precise and swift,
Chopping the tough lank fibres, and a drift
Of shredded silk is loosed above the wish
And clack of the clean steel, in tangles wet
With hoarded rain—refusing to forget
Their fragrance lingers like a mindless wish.*

*At length we make our survey; sodden dirt,
A stubble grimed uneven, but alert;
And there the slugs and earthworms that remain
Through all retrenchments. Yet no real weed
Is trundled out of consciousness to feed
The slow impartial bonfire down the lane.*

BACK 9



Change in Sales



Jonathan Green

Johnathan Green, Inc. is pleased to announce the addition of Mr. Anthony (Rip) Rippel as the newest sales representative in our Green Hill Turf Supply-Golf Course Sales Division.



ProTurf's new Technical Representative for New Jersey, Northern Delaware, and the Philadelphia area is Steve Rudich. He brings with him 10 years of turfgrass experience with the most recent at the Country Club of Northampton County.

J E P It is our pleasure to announce the appointment of Mr. John D. Fenwick III as your new area sales representative. John comes to us with eleven years experience in turf maintenance, having served as golf course superintendent at Fiddler's Elbow Country Club in Far Hills, NJ.



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May 30, 1986

Mr. James Gilligan
The Greener Side
P.O. Box 143
Skillman, NJ 08558

Dear Sir:

This letter will follow up our telephone conversation and verify that Philadelphia Golf, Inc. is looking for three to four assistant superintendents and one or possibly two head superintendents.

Philadelphia Golf, Inc. operates the five city courses in Philadelphia, Pennsylvania as well as the Porky Oliver Golf Club in Wilmington, Delaware.

The positions that we are offering are full time-year round positions and the assistant superintendent candidates may well become head superintendents as our company continues to grow. All positions offered carry negotiable salaries and benefits dependent on the qualifications of the individual candidates.

I would appreciate it greatly if you would advertise these positions for us in you magazine or newsletter. If you should need any further information, please feel free to contact me at the above telephone number.

Sincerely,

Randy O'Linger
Randy O'Linger
General Manager

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Diazinon Cancellation Supported by SAP

EPA's proposed decision to cancel the golf course and sod farm uses of diazinon was supported by the FIFRA Scientific Advisory Panel in a preliminary report. The report said SAP found that the weight of evidence supported the proposed cancellation of the two uses and stated that to respond to the concern about the risk of adverse effects to birds from the use of diazinon on homes, parks, and other sites, it would be appropriate for EPA to call-in data on these other uses. SAP also agreed that the risk to birds was unacceptable and that bird kills could not be eliminated by changes in application. SAP also stated that actions other than cancellation would be unacceptable and recommended that EPA also investigate the hazards of diazinon.

George C. Hamilton, PA. D
Extension Pesticide Coordinator



New Arrivals

Gary Stedman, Battleground Country Club, became a proud father of a baby girl, Amy Louise on May 15, 1986. Paula and Gary congratulations!

Gregory Adam Dodge made his parents, Melissa and Larry, very proud when he weighed in at 9 lbs. 12 ozs. on May 23, 1986. Navesink CC is a happy place!

Attention GCSANJ Members!

The GCSANJ is offering to its members, quality golf shirts, vest sweaters, and long-sleeved sweaters. The garments are available at GCSANJ functions and through Henry Indyk's office. The prices are: \$15.00/shirt, \$18.00/vest sweater, and \$20.00/full-sleeve sweater. The Association also has embroidered crest patches; they are also \$15.00.

News Flash!

There is some serious news breaking out in the Monmouth Section of District III. There have been reports of conflict in this volatile area. The reports have centered around softball skirmishes.

We have only heard from the victors, Hominy Hill and their commander, Dave Pease. There are possibilities of future encounters; Navesink, Rumson, Spring Lake were mentioned. It is also reported that Deal and Hollywood are thinking about entering the fracas, but are waiting to sign more free agents.

If the Mercer Section of District III has a qualifying tournament, a true World Series of District III Softball could be held. It could be a sellout!

Northeast Autumn Classic

The 2nd Annual Northeast Autumn Classic will be held September 29-30, 1986 at the Quechee Club, Quechee, Vermont.

This tournament is open to all members of a golf course superintendents association, but you must have a current official handicap card.

The cost is \$115.00 per entrant, which includes everything but overnight lodging. For those returning from the 1st Annual, the cost is only \$100.00 per entrant. The entry deadline is September 1, 1986.

Locally, contact Ed Walsh for information and in Vermont call Mark Fuller at (802) 295-7488 or (802) 295-1458.

CORE AND CATEGORY TEST DATES AND LOCATIONS FOR 1986

LOCATION	DATE	LOCATION	DATE
Atlantic County Extension Service 1200 West Harding Highway Mays Landing, NJ	Aug. 12 Sept. 10	NJ Dept. of Env. Protection Bureau of Pesticide Control 380 Scotch Road West Trenton, NJ	Aug. 5 Sept. 3
Camden County Extension Service 152 Ohio Avenue Clementon, NJ	Aug. 28 Sept. 22	Sussex County Extension Service St. Paul's Abbey (Rt. 206) South of Newton, NJ	Aug. 25 Sept. 24
Monmouth County Extension Serv. 20 Court Street Freehold, NJ	Aug. 7 Sept. 15	Union County Extension Service 300 North Avenue East Westfield, NJ	Aug. 18 Sept. 17

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

GCSANJ Membership News

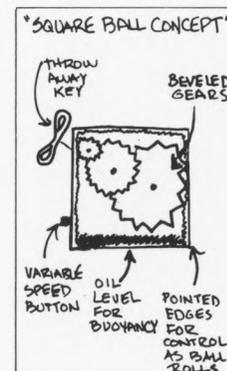
The following individuals have been accepted for membership in the GCSANJ:

CLASS A Pierre Coste, American Golf Corp., Dyker Beach Golf Club

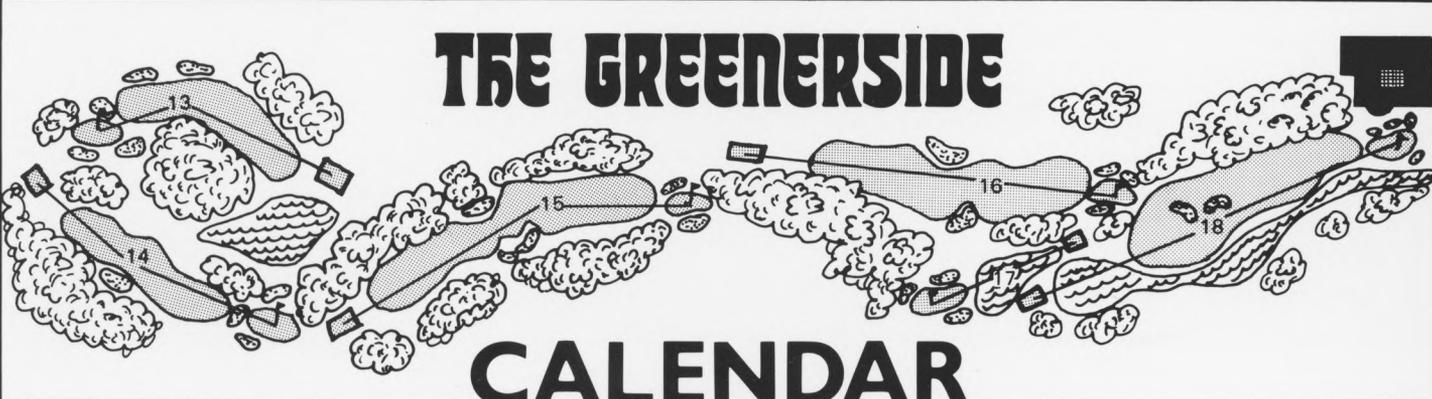
CLASS B-1 Robert Bienkowski, Tamarack Golf Club
 Gregory T. Davidson, Trenton Country Club
 Stephen Hesser, Tavistock Country Club

CLASS C Stephen J. Rudich, O.M. Scott and Sons Co.
 Jeffrey R. Johnson, Nor-Am Chemical Co.
 Ronald J. Lake, Turf Products Co.

Membership applications may be obtained from Dr. Indyk's office or from Bob Mathews, CGCS. Please send completed applications with a check for dues to Bob at Deal Golf Club, Box 387, Deal, NJ 07723.



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THE GREENERSIDE

CALENDAR

GOLF COURSE SUPERINTENDENTS ASSOCIATION OF NEW JERSEY

EVENT	DATE	LOCATION	HOST
MGA Public Links Championship	July 31	Hominy Hill Golf Course	Dave Pease
Rutgers Turfgrass Field Day	August 5	Adelphi Research Station Adelphi, NJ	Dr. Henry Indyk (201) 932-9453
Irrigation Field Day	August 13	Rechler Park, South Brunswick, NJ	Linda Ericison (201) 329-6003
Penn State Field Day	August 14-15	University Park, PA	Dr. Joseph M. Duitch (814) 865-9853
Atlantic City LPGA Classic	August 20-24	Seaview Country Club	John Boyer
GCSANJ Meeting	August 21	The Bedens Brook Club Skillman, NJ	Jim Gilligan
Northeast Autumn Classic	September 29-30	The Quechee Club Quechee, VT	Ed Walsh
GCSANJ Invitational	October 2	Forest Hill Field Club	Jeff Wetterling
GCSANJ Field Day	October 7	Rutgers Athletic Facility	Dr. Henry Indyk (201) 932-9453
MET Area Team Championship	October 10	Oak Lane Country Club Woodbridge, Conn.	Les Kennedy, Jr.
GCSANJ Championship	October 23	Navesink Country Club Middletown, NJ	Larry Dodge
GCSANJ Ann. Meeting	November 6	Hollywood Golf Club	Bruce Cadenelli

FUTURE EVENTS

January 6-7, 1987—Connecticut and Metropolitan Golf Course Superintendents Seminar at the Tappan Zee Motor Inn

February 1987—GCSAA Seminar Golf Course Construction, Albany, N.Y.

April, 1987—GCSAA Seminar Environmental Issues, Cape Cod, Mass.

THE GREENERSIDE

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