

THE GREENERSIDE

Vol. 9 No. 3

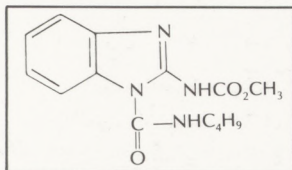
May-June 1986

ENVIRONMENTAL IMPACT

Pesticides

JIM GILLIGAN

This article traces pesticide regulations at the federal and state level and the impact the regulations have had with superintendents. The article implies that the superintendent will have to bear the load of increasing regulations. We are presenting the evolution of pesticide regulations to allow for some understanding of where we are today and a hint of what the future may bring.



The current era of pesticide regulations began on April 22, 1970, Earth Day, the day Governor William Cahill signed the legislation that created the New Jersey Department of Environmental Protection (DEP). Our present Governor Thomas Kean was a sponsor of this keystone legislation known as Bill No. A-8887. Subsequently the legislature passed the New Jersey "Environmental Pesticide Control Act of 1971, Gov. Cahill signed the legislation June 1, 1971. This law immediately put pesticides into two classes; general and restricted use. It also established a prohibited list. It required users of restricted use pesticides to register with the state. This regulation became effective July 1, 1974. Remember?

During this period the federal government was getting organized. The Environmental Protection Agency was formed in 1970. This legislation passed the principal authority over pesticides from the Pesticide Regulation Division of the United States Department of Agriculture to the new EPA. In 1972 Congress amended the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) of 1947; the amended act was technically the Federal Pesticide Control Act (FEPCA). President Nixon signed the act into law on October 21, 1972. The legislation is still referred to as FIFRA and for the sake of clarity it will be referred to as FIFRA.

The most important provision in the law was the establishment of certified pesticide applicators to use the restricted use pesticides the applicator must be certified in the state where he lives. All pesticide applicants must have registered by October 21, 1976. Restricted use pesticides are defined as chemicals that may generally cause "unreasonable adverse effects on the environment."

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Water

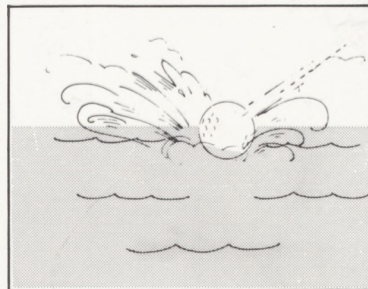
BRUCE CADENELLI

Be it a refreshing shower for ourselves, or a cooling mid-afternoon syringe for the turfgrass, water is one of the most important elements in our daily lives. We open the tap and that clear liquid pours forth to meet our needs. We program the irrigation system and leave the club knowing that the turf plant will receive its nightly drink. Only in times of a shortage, or government imposed restrictions do we accord water the respect and attention it deserves.

In discussing water it's very important to realize that less than one percent of the world's water is available for use by man. Approximately 97% of our water is located in oceans and seas, with another 2% being tied up in polar or glacial ice. That leaves 1% for all of us, and all our uses. Another point to ponder is that our daily per person water use in the U.S. is estimated to be between 1,800 and 2,000 gallons per day. This makes us masters at luxury consumption.

When looking at New Jersey, one actually sees a state that is water rich. Our abundant rainfall, averaging forty plus inches per year, is a saving grace for us. We suffer more from an inability to deliver water where and when it is most needed, than a actual true shortage of water. State officials realize this and are working to improve the delivery systems throughout the state. It's also interesting to note that beneath the Pinelands is an estimated 17 trillion gallons of water. This source will, I'm sure, be one day made available for man.

As the summer months approach we presently have no restrictions placed on our water sources, other than the total gallonage allowed to be pumped by permit. Adequate early season rains have put us in fine shape as the stress months of June to September near. Since we all know the detrimental effects of overwatering, all superintendents are reminded to use a delicate hand when watering their courses.



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THE GREENERSIDE

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GOLF COURSE SUPERINTENDENTS ASSOCIATION OF NEW JERSEY

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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 Greenerside 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.

EDITORIALS

Can We Take Pesticides For Granted?

AS GOLF COURSE SUPERINTENDENTS we know that the success of our work rests upon equal parts of luck and skill. In the "luck" category we have a major component—weather—strictly out of our control. In the skill area we can depend on our education, experience and an adequate supply of resources: equipment, agri-chemicals and manpower.

The proper selection of equipment requires sound judgement and instinct. Manpower is a long term program of selection, nurturing and maturing of the work force. A thesis in itself.

The turf manager needs pesticides. He is dependent upon them to protect the grass from fungi, nematodes, insects, and weeds. To use them effectively; they must be understood and used with discretion. Environmental abuses with pesticides can be attributed to properly registered and labeled pesticides that were improperly applied.

Where do we begin to understand the nature of pesticides? Can we learn their chemical structures? Their mode of action? Their effect on the target pest? The residual effects of our applications? Their safety to ourselves, our staff,—the golfers and our neighbors.

Pesticides demand respect; without it, it leads to abuse and negligence. These chemicals are too valuable to our industry; we cannot take them for granted or we will lose them.

The serious concern about pre-notification has been spurred by drift into non-target areas. We must be cognizant of our liability and the safety concerns of everyone involved in the application.

We find these new regulations bothersome and even unnecessary; we are in a minority. The regulations are written to satisfy the majority.

As the elite in the turf industry we have a responsibility to utilize these chemicals in a safe frugal manner.

JIM GILLIGAN

Superintendents Playing Golf

IMAGE IS A MAJOR THEME in the world of golf course maintenance. The GCSAA is spending more on image: the magazine, TV commercials, sweaters, mailings, awards, conferences, anything that will project our image in a favorable light. (I hope we are reaching the right people) It also has been said that a superintendent is his own best public relations man. I tend to agree with the latter assessment. Each superintendent has to reach his golfers whether they are on a public fee course, a private course or a resort course.

In the newly released GCSAA Public Manual a page struck my interest. "Playing Golf is part of your Image." The choice is left up to the individual whether to play golf or not, but it is implied that playing golf betters your image. It doesn't say what to do if you don't play golf. I am a non-golfer and I have lived under that shadow all these years. Am I incomplete as a golf course superintendent? I will admit it is a definite advantage to be able to play the game well, but don't tell me I'm not doing the job if I don't play the game. But I'm always at a disadvantage anyway.

These words are for those superintendents who feel inadequate on the links; relax and tee it up you might wins a skins. But don't let that handicap drop too far or all those prizes may be gone forever!

JIM GILLIGAN

THIS ISSUE BEGINS A SERIES of timely articles on the impact of outside agencies have on our industry. Collectively they are governmental, environmental and self-interest groups that influence, regulate and enforce policies that govern a larger share of our daily decisions.

The major issues are water and pesticides. The other issues are "Right to Know" laws, OSHA regulations and hazardous waste.

Golf course superintendents are usually pictured as strong individuals who stand alone handling everything that is asked of them. They draw on their experience, education and skill to solve numerous turf problems, labor crisis and management strategies throughout their long day. Where is the time to read, understand and implement the complex regulations and policies that are continually dispersed in his direction?

We are a singular breed that may need assistance from some quarter to comply with these regulations.

This will help consolidate the important facts and figures we all need to operate properly within the "law".

JIM GILLIGAN

Letters to the Editor . . .

April 23, 1986

Dear Editor and readers,

A few random thoughts while driving to catch the elusive Customer.
Jim Gilligan—Another complement to add to the list. This newsletter is GREAT! Keep it up.

Bert Jones—I agree with your thoughts. We must make a profit, or go into something else. I don't know if the low ballers expect to force some of us out of business or what; but they will get religion sooner or later. However, as you know, some suppliers helped bring this situation about by being the original low ballers!

District meetings—Good to see activity again. Dist. 3 has had a number of good activities; meetings, parties, hockey games, etc. District 2 held a meeting recently at Golf House. Not too well attended, the weather was too nice; but a start. Keep trying, Dan and Jeff. For those of you who haven't visited Golf House, don't miss it. The museum is fascinating, and Curator Janet Seagle gives a very interesting tour. Plans are to expand the museum, as there is now more space available. This is because the impressive new USGA Administration building is now open.

LPGA Tournament at Fairmont—Too bad a good thing for the GCSANJ, the LPGA, and the host club is interrupted by a "personality problem". Hopefully it is only a interruption. Wait til next year, as we used to say in Brooklyn.

Sorry to hear of the death of Doc Crawford. The Dean of Golf Course salesmen in New Jersey. I met him about thirty years ago when he was with Halco, and I was with D&P. A real gentleman. I wonder who is the oldest peddler in NJ now.

San Francisco was great. Shaun, too bad you missed it. The weather, scenery, food, jazz, GCSA show, everything. If you like, I'll talk to Bobbie about Phoenix.

Hope this ends with an upbeat. More sometime later if someone objects.

Sincerely,

Sky Bergen

March 20, 1986

James F. Gilligan, Editor
The Greenside

Dear Mr. Gilligan:

Congratulations! I am pleased to inform you that your organization has been awarded an Honorable Mention in the 1985 Harry C. Eckhoff Award for excellence in golf journalism.

The Eckhoff Award committee received more than 130 entries from the U.S. and Australia for the 1985 competition. The committee was very impressed with the level of participation in the competition, and the calibre of golf journalism in all entries.

The NGF is honored by your participation in this competition, and wish you great success with your efforts in the coming year. We look forward to your entry for the 1986 Harry C. Eckhoff Award competition.

With kind regards,

Bill Jasso
Director of Communications

April 19, 1986

Jim:

In reponse to a controversial letter in the last issue of The Greenside, I'd like to go on record as agreeing 100% with Bert Jones.

As a superintendent in New Jersey, I feel uniquely fortunate to have some extremely competent and service oriented suppliers to choose from. As Mr. Jones pointed out, it is not uncommon for them to spend many hours catering to a customer's need for an emergency item, or in many cases a ridiculously obscure item.

These suppliers, however, are not alone. They are joined by a few extremely competent and helpful equipment dealers whose service is second to none, and whose willingness to help out a superintendent in need is a real tribute to their professionalism.

In short, I feel that it is in the best interest of all golf clubs to patronize the small service oriented suppliers and keep the big "sell it and forget it" companies from taking over the industry. When it boils down to only a few dollars on a case of chemicals, or whatever, the service really more than makes up the difference.

Thank you.

Sincerely,

Paul Kuehner
Golf Course Supt.

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Willet Wilt says:



How Come It Always Happens That:

A twenty-two ton load of lime always arrives at lunchtime?

Your Greens Chairman really has to see you and the only time he is available is Sunday afternoon?

It rains on the day you plan to top-dress the greens.

Your wife's in the wedding party of her cousin the same day as your Club's Member-Guest Tournament?

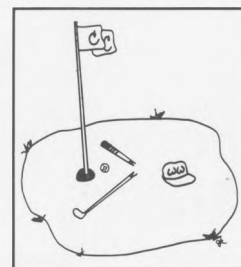
The best Greens Chairman you ever had just quit golf and took up tennis?

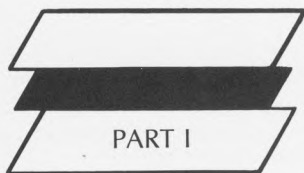
You only get hydraulic leaks on greens?

The UPS delivery comes and the only part you need is back-ordered?

When the golf course looks good it's because of Mother Nature and when it looks bad it's because of you?

The above situations have been mentioned so that you realize that you are not lamenting your problems alone. If you have any additional lamentations, please send them to Ken Kubik, Mt. Freedom, NJ.■





PART I

Phase Failure

DAVE PEASE

Before coming into the association as a member, I attended a number of monthly meetings as a guest. This allowed me to get an understanding of what the New Jersey association was about or at least a basic understanding of its purpose. Getting a better understanding of the golf course superintendent profession through individuals such as Steve Finamore, Bob Dickison and Ed Walsh during my early years as an assistant superintendent allowed me to pursue a genuine desire to become involved with the profession on a professional level through our local and state associations. This attitude developed through a fraternal comradeship amongst other professionals who share common goals to become successful within their profession. The association serves many functions. Basically it represents us as individuals relying on our individual input, a simple cycle of investment and return. The power of our association lies with its individual makeup to operate with common goals in mind, supporting each other, and to be recognized as a legitimate and positive force in today's working societies.

The Phase Failure of our association can be summarized into four categories. Make certain as I list these variables that suggestions will follow on methods to solve the short circuiting of our association.

Apathy: The lack of involvement or investment into the association, the lack of concern or caring, the satisfaction on present status as individuals, the atmosphere or limbo on the minds of members and the dissolution or complacency towards future goals. Apathy is something that grows on individuals, it sneaks up and

starts growing. It feeds off personal attitudes which have been developed over a period of time. Time and apathy go hand in hand. The longer the time passes, the greater the apathy. I like apathy as an excuse because it is the major reason, *not the cause* of our Phase Failure.

Ignorance: Not being informed by our leaders as to what is taking place on the administrative level. This is why the district concept is so very important to our association. A communication device to *personally* deliver and receive information from the member to the administration.

Restructuring our Methods of Operation: Our mode of operation as a professional unit is in direct need of overhauling. Everything from membership review and establishing research grants to the format of our monthly meetings. Our operating structure has to be brought up to date in order to be functional with the changes that have taken place within the organization. The operating procedures are the methods we use to activate the association.

Responsibility: Past leaders and prominent members have taken a leave of absence from our association. Responsibility lies with everyone of us as members. What we receive from this profession should be reciprocated back into the profession. What better avenue then through our association.

The Phase Failure of our association is a temporary power outage blocked by a realignment of our priorities as members. We as members want to be recognized and represented by a solidification of its' professional comrades. ■

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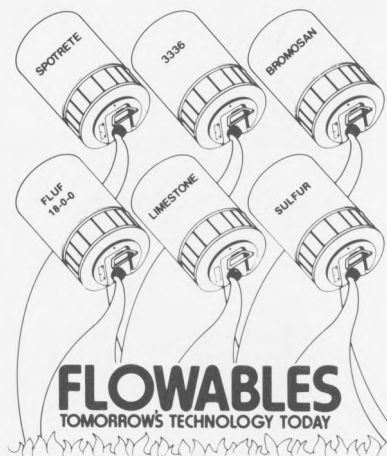
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GCSANJ at PGA Show

Through the close cooperation of the New Jersey PGA and GCSANJ our state association hosted an informational booth at the recent PGA Golf Show. As has been our practice for the past few years we gave out copies of our newsletter, raffled off numerous golf books, and presented a continuous slide show. This effort has proven to be an excellent public relations vehicle for GCSANJ. It lets the golfing public know that we are a well organized professional association dedicated to providing first class turf conditions. Also, for many golfers it is their first exposure to our group so our presence takes on added significance.

GCSANJ members who took time to work the booth were Bob Ribbans, Ed Walsh, Joe Kennedy, Bob Matthews, Jeff Allen, Jim Gilligan, and Bruce Cadenelli, and golf course architect Roger Rulewich provided many of the slides used for our presentation. Our thanks to all!■

Page from the Past

for March-April, 1950

The Greenkeepers' Reporter

NEW JERSEY NEWS

THE ANNUAL Meeting of The New Jersey Greenkeeping Superintendents' Association was celebrated with a Dinner-Dance for the ladies, December 6, 1949 at the Suburban Golf Club, Union, New Jersey. Mr. and Mrs. Frank Svehla were host and hostess for the evening.

Those on the entertainment committee were Bernard Roth, Chairman, Alex Reid, Frank Svehla, Jack Ormand and Ziggy Zaleski. A gala evening's program was arranged with entertainment and dancing. A cocktail hour was enjoyed through the courtesy of the Association.

The Annual Party, without a doubt, is the affair to which we all look forward from one year to the next (ladies included). The year's worries about over, we set aside this one night to enjoy ourselves. A swell time was had by all, and the only comment was that we should

have more of these affairs with the ladies present.

A short business meeting for the election of officers was held before dinner. The following officers and directors were elected for the coming year:

Alfred J. Rathjens, President, Spring Lake Country Club, Spring Lake, New Jersey; Lewis Weiland, Vice-President, Hopewell Valley Country Club, Hopewell, New Jersey; Sherwood A. Moore, Second Vice-President, Hollywood Golf Club, Deal, New Jersey; Melvin B. Lucas, Secretary, Homestead Country Club, Spring Lake, New Jersey; Frank Svehla, Treasurer, Suburban Golf Club, Union, New Jersey. Directors: Harold Loescher, Passaic County Country Club, Paterson, New Jersey; Bernard Roth, Hackensack Golf Club, Hackensack, New Jersey; Jack Ormand, Canoe Brook Golf Club, Summit, New Jersey.

— Melvin B. Lucas, Sec'y



The officers of the New Jersey Greenkeeping Superintendents Association for 1950: Front row, left to right, Bernard Roth, Melvin Lucas, Alfred Rathjens, Lewis Weiland. Back row, Frank Svehla, Sherwood Moore, Edward Casey, Jack Ormand, Harold Loescher.

Wildwood Meeting

The 1985 GCSANJ golf season opened at the Wildwood Country Club in the capable hands of **Steve Malikowski**. With the weather being uncooperative it took a hardy soul to complete the eighteen holes of golf on a rainy, wind swept golf course.

The elements notwithstanding the warmth of the clubhouse proved the right prescription for a gathering of souls to warm their hearts and stomachs with fine wine and tasty food.

Steve Cadenelli, CGCS, GCSAA Director, delivered the keynote address that evening detailing his exploits and endeavors with the involvement of a new golf course. Steve made two salient points in his remarks: 1. The permit process with the DEP and the Army Corps of Engineers can be lengthy. 2. Changes can be made quickly if previous planning had been complete and correct.

Steve also mentioned the importance of keeping a graphic history is important in documenting the golf course evolution.

The evening was completed early as the northern contingent pleaded for time to arrive home safely; but not before the team of **Barry and Pease** presented the following golfers with their just rewards.■

GOLF RESULTS

Closest to the Pin

Terry Stanley #7

Paul Brandon #16

Longest Drive—Matt Ceplo

Low Gross — Blind Nine

36 Ed Walsh

39 Bob Moore

41 Ben Hart

Low Net — Blind Nine

33 Tom Sauer

34½ Cliff Belden

35 John Boyer



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PESTICIDES (continued from page 1)

The highly recognized toxicity symbols were now on pesticide containers:

- Highly Toxic — Danger, Poison
- Moderately Toxic — Warning
- Slightly Toxic — Caution

Also appearing in repetitive admonishment: "Read and understand all the information on the pesticide label."

Golf course superintendents were now feeling the impact professionally; they were required to become "commercial pesticide applicators." Initially they would be certified in categories Ornamental (3A) and Turf (3B) Pest Control. A third category, Aquatic Pest Control(s) was required later. There are eleven categories with numerous sub-categories.

At the inception of these regulations there was concern among superintendents about the loss of some important pesticides, especially fungicides. The severest loss were the mercury compounds, they were on the original prohibited list. Mercury compounds had been the mainstay of many disease control programs. Also on the prohibited list was the infamous DDT; DDT had been the villain in Rachel Carson's book *Silent Spring* published in 1962. This book created the awareness of potential pesticide misuse.

Today the golf course superintendent must be sensitive to the effects of his pesticide use. The responsibility of pesticide misuse is great. He must know the target pest; he must understand the behavior of the pesticide; he must protect the applicator; he must be aware of the potential long-term effects of the pesticide in the soil; he must concern himself with possible contamination of ground water; lastly his awareness of the hazard, drift may cause his neighbors. "Right to Know" laws, hazardous waste disposal regulations and local community ordinances will help him maintain his vigilance.

Pesticides are necessary to control turfgrass pests; natural control development is in its infancy. It is an observed fact that if we are to continue to use pesticides we must contend with the regulatory agencies that formulate, legislate and enforce the regulations.

A headline appeared in the New York Times (3/6/86) "Pesticides Finally Top the Problem List at EPA." Dr. Jack A. Moore, EPA Assistant Administrator in Pesticides, stated that the EPA "took 10-12 years before it figured out what to do about pesticides." He feels the EPA is ten years behind in pesticide regulations.

In a recent Pesticide Association of New Jersey newsletter it was stated that the DEP Bureau of Pesticide Control is shifting from a "responding to complaints" attitude to a "routine inspection approach" attitude in enforcement of pesticide regulations.

Governmental control and enforcement through the next decade will continue with a great impact on golf course pesticides. There will be an acknowledgement that pesticides are necessary but the emphasis will be on reducing the amount of pesticides that are used "least is the best." The feeling exists that the less used the less interference with the natural state.■

WATER (continued from page 1)

As reported in the last issue of The Greenside some areas in NJ will be placed under long term water restrictions beginning in 1990. Aquifers are being mined in these areas so the state is moving to limit draw from these water sources. All users from these aquifers have been notified and know the actions they must take.

So, with no foreseeable restrictions in '86, and the problems of '85 somewhat forgotten, where do we go from here? Do we dismiss last year as a once in a decade occurrence, or do we as a professional association get more politically involved to work to secure the water we all need to manage our golf courses? If

we don't take action no one will work to see that our rights are protected. Our water will go to others who have fought, and been heard in Trenton. Bob Dickson has worked very diligently for us but the job at hand is more than one man can do. We need to form a small group of GCSANJ members who will meet quarterly with state officials to discuss mutual concerns. We should be meeting regardless of whether we face restrictions or our lakes and reservoirs are overflowing. Only by developing a closer working relationship with our various state officials will our case receive its proper attention. Pleading our case only when restrictions are imminent will serve us no lasting value.

Our association should also be working on developing a comprehensive position paper in regards to water. We need to state that all golf courses must have their water sources registered with D.E.P., and be operating in a lawful manner. We need to state the water conservation opportunities that research is developing for us, and how best to implement these ideas in our maintenance programs. In short, we need to seize the opportunities that the drought of '85 brought so that when tight water situations develop we can show the state officials that GCSANJ has taken a lead position within the green industry, and that their voice should be heard.

Another approach we should be taking as an association is to educate our club officials and general membership to our water situation. It is, after all, their clubs which we maintain. It is their investment which is at stake. Our clubs need to band together and develop a voice in Trenton; both groups working together can have great success. The fight should not be left to us alone.

Water. There is only so much for all of us. As I write this we are enjoying a lovely April shower. But it will end, and in time another drought and shortage will occur. History has taught us that if we don't learn from our past mistakes, we are doomed to repeat them over and over again. It's time for decisive action on the part of GCSANJ. One of our finest acts will be to secure water from our clubs so that we can continue to maintain our courses in a first class fashion.■

THE BEST NAMES IN TURF CARE

JACOBSEN

GIANT-VAC

SMITHCO

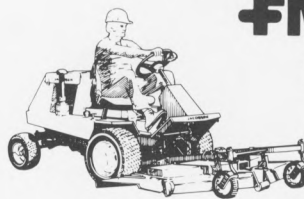
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PESTICIDES & THE LAW

1910 Federal Insecticide Act—regulated insecticides and fungicides; first Act to control pesticides; designed to protect farmer from substandard or fraudulent products.

1938 Amendment to Federal Food, Drug and Cosmetic Act of 1906 (Pure Food Law)—amendment to include pesticides on foods; required addition of color to insecticide powders, to prevent their use as flour or look-alike cooking ingredients. (that's why lead arsenate is pink); first federal effort to protect consumers from pesticides residues.

1947 Federal Insecticide, Fungicide and Rodenticide Act (FIFRA)—superseceded Federal Insecticide Act 1910; extended coverage to include herbicides and rodenticides; required registration if marketed interstate; required good and useful labeling.

1954 Food, Drug and Cosmetic Act of 1906, 1938—modified by the passing of the Miller Amendment; provided that any raw agricultural commodity may be condemned as adulterated if it contains any pesticides present above established tolerances

1958 Food Additive Amendment to Food, Drug and Cosmetic Act (1906, 1938, 1954)—controlled pesticide residues in processed foods; contained Delaney clause which states that any chemical found to be carcinogenic in lab animals at any dosage may not appear in foods consumed by man.

1959 FIFRA (1947)—amended to include nematocides, plant regulators, defoliants and desiccants as pesticides.

1972 FIFRA (1947, 1959, 1964) was revised. The Federal environmental Pesticide Control Act (FEPCA) was passed sometimes referred to as 1972 FIFRA amendment; prohibits use of any pesticide inconsistent with label; establishment of severe penalties for deliberate violations; classify pesticides into general or restricted use; establishment of certified applicator to apply restricted use pesticides; pesticide manufacturing plants must be registered and inspected by EPA; all pesticide products must be registered by EPA; establishment of ten categories of certification for commercial applicators. ■

Governmental Relations Update

ROBERT DICKISON

Along with our new lobbyist, Russell Bent, we have been busy monitoring the activities in Trenton over the past months. The news from Trenton so far this year has been good.

Senator Lesniak has personally stated that he has no plans for reintroduce his anti-pesticide bill at this time.

Henry Indyk and I met with Ray Ferrarin of the DEP to discuss future notification of pesticide applications and golf courses. I think that results will be fair for all. Look for general notification requirements for golf courses during the next 12 months.

This past January saw expanded Right to Know legislation passed. The lawn care industry is now covered with this legislation. It was first thought that all golf courses would also be affected. It appears now that only Municipal, County and State run operations are the ones affected. To be sure check your Standard Industrial Code (SIC) numbers against the areas listed in the legislation. SIC code for private golf courses is 7997.

There should be legislation introduced shortly that would enhance our position in any future drought. Also, we hope to meet with the DEP to set priorities for future droughts in the future. The good news is that there shouldn't be any water restrictions because of drought this year. ■

GCSAA'S REGIONAL SEMINAR "Environmental and Water Issues in the Northeast"

Each year we are using three times more ground water than the year before. Presently the United States and Holland are the only two countries studying the effects of pesticides in ground water. Dr. Stuard Z. Cohen of the EPA stated that there are seventeen different pesticides found in ground water in twenty-three states. One of the tests that EPA conducts before it registers a chemical is to see how long it remains in the soil, and how fast it leaches into the ground water system. On Cape Cod the EPA has drilled a number of test wells on various golf courses to monitor the nitrate levels in drinking water. To date they have not found a great deal of nitrogen from fertilizer applications in the ground water. Golf Course Superintendents have seen many new rules and regulations imposed during the past ten years. Now is the time to begin preparing for the coming ten years. At this meeting a national water coalition was formed. The coalition is composed of golf course superintendents representing all the northeastern states.

During Bob Dickison's presentation he stated that the club owners and players should get more involved when it comes to government restrictions such as water regulations. It seems that the people who are affected the most, golfers and owners, do the least.

Bob also urged all to get more involved politically. It's the one with the most influence who will benefit most. Hire a lobbyist or public relations expert to help get your point across. Start planning today for the next water crisis; don't wait for the water emergency to develop.

Editor's Note: The material for this article was condensed from information supplied by Wally Waltsak and Bob Dickison attendee and participant respectfully at the GCSAA Seminar: "Environmental and Water Issues in Northeast." ■

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Walsh's Thoughts



Although the weather conditions left a bit to be desired, everyone who attended our first meeting at Wildwood Country Club in April seemed to enjoy themselves.

Steve Malikowski had his course in excellent condition. Considering the time of year and the very late spring, Steve is to be commended for a job well done. A special thanks to Steve's mechanic for getting us back on the road.

The real joy for me was seeing the participation from the southern part of our State. District #4 (formally #8) had quite a turnout. People I had not seen for sometime and others I had never met attended the meeting. This was the first time I had not experienced a good turnout from the north, quite un-

customarily for meetings anywhere within our State.

Due to this increased participation from the south, which obviously appears to be a progressive and professional group, I again recommend a separation of the north and south part of our association. I do not feel a clean break is necessary, but a division be considered for separate meetings and possibly an expanded Board of Directors from each section, with both Boards to meet on a quarterly or bi-annual basis.

I know it was difficult for me to take a three-hour trip to Wildwood and it would be equally difficult for Steve Malikowski to make a meeting at Ridgewood. This distance is, has always been, and will always be, the dividing force in any attempt to develop continuity throughout the State.

Florida has accomplished some very meaningful, rational and reasonable goals through local chapters and an overall State Association. They schedule meetings locally, have officers in their local chapters, but work together as a unit when dealing with GCSAA. Why can't we consider the same? I think the time is right. The time for the northern part of the State to work with the southern part of the State to develop this or a similar format. I feel we should have one annual meeting, one championship and one invitational, but monthly meetings can be held on a local basis. Too often the north has attempted to dictate to the south. I think it is time to work together for our common good. A goal that allows us each to assume our individuality but achieve overall objectives collectively. There are many professionally oriented superintendents in the State of New Jersey. We can learn from each other, but it is time to realize not many of us are going to drive three hours to learn anything. I am hopeful the powers-to-be in the northern and southern parts of our State will finally put their heads together and develop a plan that will best benefit all superintendents. If it is successful in Florida, it can be successful in New Jersey.■

THE GREENS KEEPER

by Edgar A. Guest

He's on the job at break of day and when the stars come out,
There's always trouble on the course for him to fret about
He starts the gang to work at dawn and follows them around
Then listens to committeemen whose wisdom is profound
They talk of "bents" and "fescues" in a way that makes him squirm
For they acquire much knowledge in one brief official term.

contributed by Mel Lucas, Jr.



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Bob Kapherr 1910-1986

Bob Kapherr retired Ridgewood Country Club golf course superintendent, died April 26, 1986.

Bob had worked at Ridgewood for fifty years, retiring in 1976. He began working at Ridgewood to earn spending money while a student at Fordham University. He enjoyed the work so much he left school to become a permanent member of the Ridgewood staff. He became the assistant under Mr. Swiesberger, golf course superintendent. Bob became golf course superintendent at Ridgewood in the mid-fifties, only the third superintendent in Ridgewood's reknown history. He retired in 1976 passing the reins on to Ed Walsh.

The interment in the Washington Memorial Park leaves Bob a strong seven-iron from the Ridgewood Country Club.

We will miss Bob's hearty hello and laugh. Even though retired he continued to be a active participant at GCSANJ meetings with his friend Sabby DeFalco.■

"There is no real wealth but the labor of man. Were the mountains of gold and the valleys of silver, the world would not be one grain of corn the richer; no one comfort would be added to the human race."

P.B. Shelley: *Queen Mab*, notes, 1813



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Roughly Speaking

The Masters

My normal inclination is to stay away from most golf tournaments. I find little joy with being on a golf course with forty thousand other people. But, when an invitation came to attend the 50th edition of The Masters I leaped at the opportunity. Like many of the Scottish courses, Augusta National was one place I longed to see.

As I write and reflect on my stay in Augusta I must admit that The Masters is simply a first class sporting event; maybe the sporting event in America. The Masters is the first sports event I've ever been to where the fan or spectator is made to feel important. I've been to courses that appeal to me more, but the total feel and ambience of Masters Week is unsurpassed in golf. The crowds, the colors, and the course all add up to a very electrifying week.

A fun afternoon at The Masters occurs on Wednesday of tournament week. On this day all contestants are required to play in the par 3 tournament. Spectators are allowed to bring in cameras, seek autographs, and in general mix with the players. A totally fun afternoon, which I think the pros also enjoy, as it allows them a moment of relaxation before the main event.

Wednesday afternoon is also a great time to walk the tournament course. With no crowds one is able to get a good feel for the course. Standing in the middle of fairways you gain a better understanding of the situations that the pros will face.

The course, prepared by superintendent Billy Fuller, was in magnificent condition. The Penncross greens were very smooth and quick. All other turf areas, which at this time of the year are rye grass, were also in top shape. Approximately one hundred and ten thousand pounds of rye is used in the overseeding program at Augusta National. For the past decade a 50/50 mixture of Loft's Yorktown II and Diplomat has been their grass of choice. After seeing Augusta National one has the feeling that money is not a limiting factor.

All in all it was a most enjoyable visit to a most enjoyable golf tournament. The luxury of gaining admission to this event by simply showing your class A GCSAA card is an added bonus. I look to attend The Masters again in the near future to once more enjoy the sights and sounds of the extraordinary event. All superintendents should make the effort to attend this tournament at least once. You'll find the time and expense very worthwhile. It is just a splendid experience. ■

Meetings

It seems that each year our Association has difficulty in securing clubs to host our monthly meetings. It should also be noted that our group is not alone with this problem. Our group, again like many others, suffers from a general membership indifference towards the overall state of affairs of our Association. If more superintendents would come forward and actively offer their clubs for monthly meetings this problem would quickly resolve itself.

During a February District III meeting at Rumson John Fenwick floated an idea which has intrigued many of us, and which very well may be a partial answer to this problem. He suggested we take one Summer meeting, with July being the logical choice, and have each district conduct its own meeting that month. The timing and structure of the outing would be determined by each district. A relaxed, casual affair would be the order of the day. A family picnic, an evening cruise along the Jersey shore, or a visit to Longwood Gardens are just a few options that quickly come to mind. This idea, I believe, has real merit and deserves careful consideration. If GCSANJ were to adopt this concept our meeting schedule would take on the following look:

March: Seminar/Spring Kick-Off Meeting April-May-June: Monthly Golf Meetings July: District Meetings August: Monthly Golf Meeting September: GCSANJ Invitational October: Annual Championship November: Annual Meeting. ■

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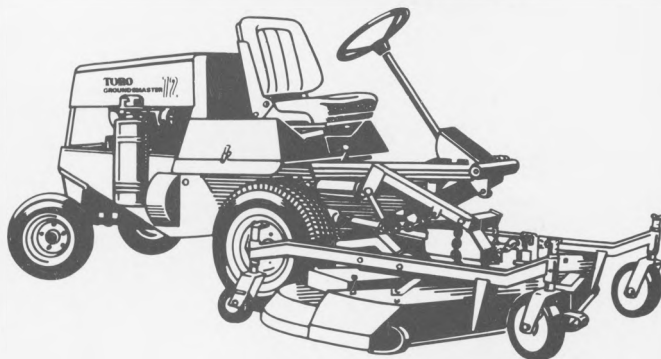
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Autumn Classic

The 2nd Annual Northeast Autumn Classic golf tournament for golf course superintendents will be held September 29-30, 1986 at the Quechee Club, Quechee, VT. This is a two-man best ball, 36 hole championship. Contact Mark Fuller at 802-295-7488 or 802-295-1458. Entry deadline: September 1, 1986.

Double Eagle Names VP

Clyde Ashton has been appointed vice president of Double Eagle Equipment Co., Inc., it was announced by Nancy S. Pearlman, President.

"Ashton has been with Double Eagle for four years and has been an important force in the growth of our grounds maintenance equipment business," Mrs. Pearlman

stated. His responsibilities will be expanded in his areas of expertise she further elaborated.

Ashton is a graduate of Cook College of Rutgers University. Prior to joining Double Eagle he was engaged in sales and marketing of specialized turfcare equipment and nursery products.

Des Champs Receives Gold Award

The Toro Company presented the first distributors awards in its Partners In Excellence. Receiving a Gold Award in this program was Paul Des Champs, Storr Tractor Company, Somerville, NJ for commercial and irrigation products.

In the judging phase of the program, distributors were evaluated on their

overall performance, their management development and organization programs and employees performance appraisals, and their consumer, commercial and irrigation sales, marketing parts and service functions.

The Gold Award is the highest kind of award in this program.

Names in the News

Greenacres Country Club was presented with the Landscape Beautification Award presented by the Garden Gate Garden Club and Lawrence Township. Winifred "Freddie" Perpetrea is our gardener who does such an outstanding job.

Dan Sweeney (Greenacres Country Club) and Vicky Giampa have recently returned from their honeymoon in Cancun, Mexico. They're still smiling.

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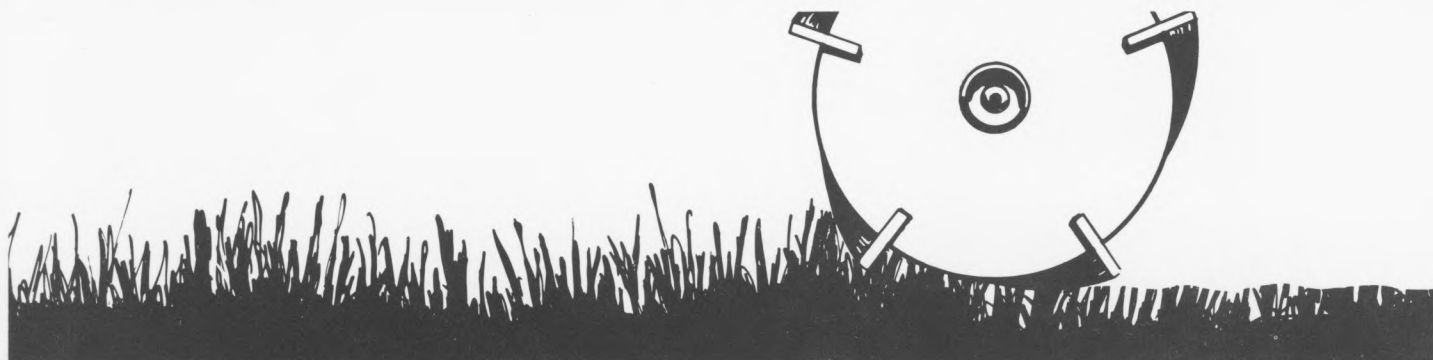
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CORE AND CATEGORY TEST DATES AND LOCATIONS FOR 1986

| LOCATION | DATE | LOCATION | DATE |
|--|------------------------------|---|--------------------|
| Atlantic County Extension Service 1200 West Harding Highway Mays Landing, NJ | June 10 July 12 | NJ Dept. of Env. Protection Bureau of Pesticide Control 380 Scotch Road West Trenton, NJ | June 3 July 1 |
| Camden County Extension Service 152 Ohio Avenue Clementon, NJ | May 27 June 20 July 21 | Sussex County Extension Service St. Paul's Abbey (Rt. 206) South of Newton, NJ | June 24 July 24 |
| Monmouth County Extension Serv. 20 Court Street Freehold, NJ | June 16 July 15 | Union County Extension Service 300 North Avenue East Westfield, NJ | June 17 July 17 |

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GCSANJ Membership News

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

CLASS A James D. Fansler, B.L. England Recreation Center
..... Chris Carson, Echo Lake Country Club

CLASS B-1 Joseph Beaudoin, Battleground Country Club
..... Ronald W. Leupke, Hominy Hill Golf Club
..... Gary L. Schmidt, Sands Country Club
..... Raymond M. Sharo, Ridgewood Country Club

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

| | |
|--|-------------|
| Patrick K. Campbell, Tara Greens Golf Club | from D to B |
| Paul Podmeyer, American Golf Club | from B to A |
| Wally Waltsak, Colonia Country Club | from B to A |

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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CALENDAR

GOLF COURSE SUPERINTENDENTS ASSOCIATION OF NEW JERSEY

| EVENT | DATE | LOCATION | HOST |
|---|------------|---|--------------------|
| United States Open | June 12-15 | Shinnecock Hills Golf Club, Southampton, NY | Peter Smith |
| NJSGA | June 10-12 | Amateur Championship Hollywood Golf Club | Bruce Cadenelli |
| GCSANJ Meeting | June 24 | Flanders Valley Golf Club | Tom Murphy |
| University of Massachusetts Field Day | June 26 | Amherst, Mass. Turf Research Station S. Deerfield, Mass. | Dr. Richard Cooper |
| NJSGA-Open | July 9-11 | Spring Lake Golf Club Spring Lake, NJ | Bruce Peebles |
| GCSANJ Meeting | July 15 | Rockland Country Club Joint Meeting with Hudson Valley | Dave Heroian |
| Rutgers Turfgrass Field Day | August 5 | Adelphia Research Station, Adelphia, NJ | Dr. Henry Indyk |
| GCSANJ Meeting | August 21 | The Bedens Brook Club, Skillman, NJ | Jim Gilligan |
| GCSANJ Field Day | October 7 | Rutgers Athletic Facility | Dr. Henry Indyk |
| MET Area Team Championship | October 10 | Oak Lane Country Club Woodbridge, Conn. | Les Kennedy, Jr. |
| FUTURE EVENTS January 6-7, 1987 —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. | | | |

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