



Jack Martin addresses the Water Task Force on April 1.

Dates to Remember

April 22

NJSGA and GCSANJ Water Update Seminar, Canoe Brook Country Club, Summit, N.J.

April 23

Host: Gary Orlando, Deal Golf Club, Dist. 7

May 11-18

LPGA Coca Cola Classic, Ridgewood Country Club, Paramus, N.J.

May 21

Host: Tony Bifano, Mt. Ridge Golf Club, Dist. 2, Two Man Best Ball

June 18

Host: Bob Ribbans, Fairmont Golf Club, Dist. 3

July 16

Host: Bill Gaydosch, Edgewood Country Club, Dist. 1, Joint Meeting - GCSANJ & MGCSA

August

To be announced

September 23

Met Area Team Championship, Country Club of New Canaan, New Canaan, CT.
Host: Steve Cadenelli CGCS

September 24

Host: Ed Nickelsen, Montclair Golf Club, Dist. 2, Invitational Tournament

September 29-30

October 1-2

USGA Ladies Senior Amateur, Spring Lake G.C. Host: Walt Will

October 13

Field Day, District 6

October

Host: John Klosiewicz, Wildwood Golf and Country Club: Dist. 8

November

Annual Meeting

December 19

Christmas Party, Shackamaxon Country Club. Host: Jack Martin; Chairman, Bert Jones

Critical Water Pinch On N.J. Golf Courses

The following letter was written to the Designated Drought Coordinator from the G.C.S.A.N.J.

March 11, 1981

Mr. Paul Arbesman
Designated Drought Coordinator
Room 711
Labor and Industry Building
Trenton, N.J. 08665

Dear Mr. Arbesman:

Each year it seems that some region of the country is faced with a shortage of water. If the problem becomes critical enough and water use restrictions are imposed, one of the first users to feel the pinch is the golf course. Although the golf industry generates millions of dollars in goods and services, employs thousands of people, pays millions in taxes, and enhances the community, golf course irrigation is considered a recreational use of water in most states. This, therefore, places it low on a priority list during a water shortage. The limits placed on course irrigation in any particular area may vary from voluntary conservation to mandatory restrictions to a complete ban on all water uses, as much of the New Jersey courses are at this time. In each instance, short-term and long-term management programs must be thoughtfully designed in order to insure the best possible survival of that industry. Naturally, the priority of cut back is a judgment determination. Other industries of less importance and with less impact on the community have been asked to cut back a percentage of water use, yet the golf courses have been completely shut off in much of New Jersey.

It is our hope that this and other white papers, along with personal meetings will help enlighten our state government of the importance of our industry New Jersey.

Many things were learned from the recent California drought. It was found that the "green industry" and particularly golf courses, were encompassing similar problems to ours, until they were able to enlighten the legislators of the impact that their loss would incur, not only in their own communities, but the entire state. It was similarly discovered that the golf course industry was perhaps the best professional

user and conservor of water. Automatic watering systems can be accurate up to 1-10 of a minute irrigating. Golf courses were very instrumental in teaching the community the seriousness of a drought situation and the importance of water conservation.

Golf course irrigation in California now works on a sliding scale in conjunction with the water supply. When water supplies are up they may use a larger percentage and conversely when supplies are down.

Many golf courses in New Jersey have lakes and ponds that trap run-off or rain water that is considered non-potable, but are unable to use it while other industries are. Why lose valuable green areas, jobs, etc. when that water just sits there not being used for any other purpose? It does not draw from supplies above or underground and will otherwise be wasted.

We realize the concern of government as to public opinion and the need to convince and impress upon the public that there is indeed a drought and the seriousness of it. Again, I refer to the California situation and how the golf course industry, through its turf professionals and members of the clubs, were able to help educate the community. This close association with our industry, the community and the government will be instrumental in helping the state government with the future needs of water conservation.

You must be aware that our industry appears to not only show the most concern but also is doing a large part in educating the community. We have encouraged and formulated "Water Seminars" throughout the state, such as the one held at the Police and Fire Academy in Morris County where we had the golf courses represented, and much of the entire green industry. Three members of the "Emergency Task Force" and a state senator were present. A similar seminar will be held on March 19, 1981 at the Forsgate Country Club sponsored by the Golf Course Superintendents of New Jersey. As you can see, we are one of the leaders in water conservation.

continued on page 2

the GREENER SIDE

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Water Pinch, Cont.:

Facts and Figures

1. A 150 acre golf course will provide enough oxygen for over 9,000 people.

2. Golf courses retain substantial amounts of water. During and after a rain, a 150 acre golf course can infiltrate an average of 82,000 gallons of water per day to ground supplies. Enough to supply water needs for over 1,000 people in the surrounding community.

Golf Course Figures

These figures are representative of an average 150 acre golf course in New Jersey.

	Greens Dept.	Entire Club
Number of Members:	250-300	
Number of Employees:	10	65
Real Estate Taxes		\$100,000
State Sales Taxes		45,000
Payroll	\$100,000.	680,500
Payroll Taxes	11,000.	100,000
Budget (Utilities Included)	200,000.	1,500,000
Capital Improvement	20,000.	60,000

Consider caddies who would be unemployed and seasonal high school and college students also. Multiply these figures by more than 200 clubs in New Jersey and the impact becomes substantial.

Our industry represents large amounts of dollars and employment. It is impossible to estimate the even larger figures that would be incurred if we include the impact our loss would have on the related industries. Many of our suppliers would be out of business.

The golf course at this time, as per executive order No. 104 are allowed to use no water. Naturally, the entire golf course is important, and we would like to see our industry use the sliding scale method as in California, water supplies permitting.

However, the watering of "greens" is essential. Without greens, the game of golf cannot be played and we are out of business. Member resignations are inevitable and the entire club structure is in jeopardy. Unemployment would be drastic. Some clubs without member revenue will be forced to sell out. This will have a devastating effect on the community.

Since the watering of greens represents only approximately 15 percent of our water usage, it is not unfair to ask for this exemption that might save the entire industry. As water supplies increase, we would like to see a sliding scale plan developed as in California which, incidentally, in some parts only receive 8" of rain fall annually.

The one hour period of watering greens in the early morning, however, is not sufficient. It does not allow for syringing during periods of high moisture stress, which causes wilt. This period occurs during mid-afternoon when high temperature, winds and low humidity combine to create this moisture stress. Very small amounts of water applied to cool or syringe the grass at this time will keep it alive.

The Golf Course Superintendents of New Jersey, as a leader in water conservation, are prepared to draw up water con-

servation papers for our industry, a publicity and education program for the community, and help our State of New Jersey in any way possible in this time of need.

Sincerely,
JACK MARTIN
President

Copies to:

Mr. Dirk Hofman
Governor B. Byrne

From the Editor's Desk



Most golf course superintendents could see the writing on the wall back in the last summer of 1980. At that time, water use was curtailed and only selective applications were allowed. We all knew if Mother Nature didn't provide us with a wet fall and winter, the prospects for 1981 were not promising.

On February 7th, Governor Brendan Byrne signed Executive Order No. 104 prohibiting the use of any fresh water for turf irrigation. (Fresh water being potable or non-potable.) Initially, it was suggested that golf course water would be restricted to greens and tees only; so the complete cut off did come as quite a surprise.

Could a golf course survive without water? Even the most experienced agronomists are not optimistic. We all know that raising the height of cut, minimizing compaction and wear, and proper fertility levels will help but will the course and, in reality, our industry survive?

If this isn't a discouraging thought to you, then it is certainly time you looked toward another profession for your livelihood.

If you think this is a request for your help, you're wrong. It's a demand. If we don't stick together as a collective group of professionals, we may not have a profession. Think of it. Absorb that thought. It is a very possible reality. To my knowledge nobody has developed turf that will withstand a no water environment.

We all should be making our golfing members aware of the present situation. Also make time to attend any and every water related seminar and meeting available. There is one on April 21st at Canoe Brook Country Club put on by the NJSGA and the GCSANJ. It is requested that both superintendents and green committee chairmen attend. Be there. This is not the time to sit in your office and let the other guy do the work. It's the time for all of us to work together. The strong will survive and the weak certainly fail. Hopefully, we will all survive.

BELDEN SR. ADDRESSES WATER USE FORUM

Cliff Belden, High Mountain G.C. on February 17 addressed the Forum in Morris Township. The speech was so well received by the two hundred individuals in attendance that the GREENER SIDE is providing the text of the speech for our readers. The text is as follows:

Senator Vreeland, members of the panel, distinguished guests, ladies and gentlemen:

I am honored to be here representing the New Jersey Golf Course Superintendents as a member of the Water Recourse Committee. I have been asked to speak briefly on the impact that water restrictions will have in our industry. In meeting with my fellow constituents and doing a lot of research, here are some of the facts that I would like to share with you:

ECONOMICS

Employment levels will drop. We average 50 employees per course, and there are approximately 82 courses in the six Northern counties of the state: Bergen, Essex, Hudson, Morris, Passaic and Union. we are talking about 4000 employees, clubs which pay \$55 million in taxes, \$36 million in payroll, \$44 million in supplies. Now with Executive Order No.104 of February 7, 1981, the list of restricted courses grows. Towns in Burlington, Camden, Gloucester, Hunterdon, Mercer, Middlesex, Monmouth, Ocean and Sussex counties have been added.

LOSS OF REVENUE

It will reduce purchases of fertilizer, chemicals, seed and all supplies. It will reduce purchases for the clubhouse - food, beverages, etc. It will reduce purchases for the pro shop - clubs, balls, clothing, etc.

Those in the trade realize the severity of the drought. As I read Executive Order No.104 (and all previous orders are merged into this one), we are directed that all watering of turf is prohibited. Any use of water for outdoor recreational purposes is prohibited. **This is a big order!** Did you know that a 150 acre golf course produces enough oxygen for 9,000 people? Did you know that an average home lawn produces enough oxygen to sustain the inhabitants of that home? Green growth (trees, shrubs and turf) in our atmosphere help by emitting oxygen and using up carbon dioxide.

What can we do to help keep this oxygen sustainer alive? Here are some practices that could and should be followed to help relieve our water requirements:

- (1) Lawn aerification, thatch control - to improve infiltration.
- (2) The use of wetting agents - a temporary measure.
- (3) Proper application of fertilizer - to increase the root growth, which in turn increases drought tolerance. An extensive root system enables a plant to fully utilize available soil water.
- (4) Raise the cutting height - to help root survival.
- (5) Control weeds - they compete with turf.

Now I can't talk impact without talking conservation. We are the experts; we have the knowledge, expertise and experience. We are professional users of water and professional users of water are basically those who grow living things. A conservation program calls for a detailed study and analysis of all users of water.

Industrial users most often receive preferred treatment because they can plead a loss of jobs and revenue to the local area. We also are employers. Has the value of a green been considered? Exterior use restrictions are usually severe. practices such as hosing off sidewalks, driveways, patios, automobiles, boats, filling of swimming pools, hosing off buildings, just to mention a few, are obviously wasteful. Unfortunately, there is an erroneous tendency to place our business in this category **WHEN IT SHOULD NOT BE!** Plant materials through their process of photosynthesis provide life supporting oxygen. If large amounts of plant life are allowed to die, pollution will increase. Trees and shrubs (green life) can't take it -- they will die. Grass or turf will be killed with traffic. Dust and erosion control : what will happen if builders cannot sell their homes because there is no lawn?

Our entire industry depends upon irrigation to sustain its business activities. With the sophisticated automatic watering systems that we have, there is a savings.

We need a realistic approach to water rationing - the need for detailed study in formulating such programs in an equitable manner is evident. Water supplies have not expanded in relation to our increased demands. We will be forced to conserve water and use it more efficiently.

Industry and agricultural users are no different. Industry needs water to maintain normal operations. Perhaps we should be looking at re-cycling or the use of effluent where possible. We, too, must have sufficient water to maintain our plant growth. We are industry as well. The average householder has no knowledge of how much water he uses when flushing a toilet, running the dishwasher, taking a shower, or brushing his teeth. Industry has been asked to cut 25 percent. We have been asked to cut

100 percent. You said the criteria of this was the number of employees. I say again that we are industry!

I haven't talked about wells but I want to say this. The Hackensack Water Company drilled two wells in my town of Franklin Lakes this past year, and are taking one million gallons a day from these. There has been no appreciable drop in the levels. I am told that the Hackensack Water Company will testify to this. Approximately one-half of our golf courses are on wells or their own supply.

Ladies and gentlemen, I want to close by saying that we are concerned. We realize the severity of the drought and the critical shortages that are facing us. We want to help wherever we can. We are the professionals in water conservation and have been working for years on increasing water efficiency. Water conservation is and has been a major goal of our business. We intend to help by doing our part.

We are willing to take our cut, but don't cut us more severely than you have in industry!



Cliff Belden, High Mountain G.C.

If you tell a man there are 300 billion stars in the universe, he'll believe you. But if you tell him a bench has just been painted, he has to touch it to be sure.

America has become so tense and nervous it has been years since I've seen anyone asleep in church - and that is a sad situation.

Norman Vincent Peale



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CHIP SHOTS

District 8 members met at Ramblewood Country Club, Host Superintendent Pete Jones, in January. Tom Mascaro of Gew's Zoysia Farm in Mickleton spoke with the group on the use of zoysia grass on the golf course - an interesting alternative in the face of the drought we're facing.

The March meeting took place at Riverton Country Club with Host Superintendent Bernie Stuck. The water problem was discussed. The April meeting will be at Links at Kings Grant, Host Superintendent Rick Broome.

John Ward (Superintendent, Cedar Hill Country Club) and his new wife Joanne were married on March 14 of this year. John is a graduate of the Rutgers Turf School.

Gregg and Linda Hutch were blessed with the birth of Heida Elizabeth on March 15th at 2:02 a.m. Heida weighed in at 8 lbs., 4 oz.

Sam Leon, of Leon's Sod Farm, was elected Mayor for the third time in Oak Grove, New Jersey.

An article in the March 4th issue of the Newark Star Ledger, Sid Dorfman's, "On the Green" column, featured Jim Gilligan (Superintendent Bedan Brook) on the drought and golf courses.

District 7 held its February meeting on the 18th at Old Orchard Country Club with Jon Edgar as host. Dr. James Thompson, Green Chairman at Manasquan River Golf Club, and Tom Kiley, Green Chairman at Deal Country Club and owner of Old Orchard Country Club, were co-speakers. They related their views toward the position of course superintendents and discussed what their respective clubs expected of their supers. Both suggested supers become more visible to the membership. Example: Writing columns for club newsletters, attending board meetings, etc. Both gave their clubs criteria for hiring a new super and personal suggestions for future interviewers.

Dr. Thompson was also quite critical of the caliber of most resumes sent to Manasquan River two years ago when the supers position was open. He said most were very unprofessional and a few were hand written.

District 4's March meeting was held on March 10, 1981, at Oak Hill Golf Club. The program was conducted by Sam Horst of Rhone-Poulenc Co. with discussion on turf diseases and Chipco 26019 Turf Fungicide.

Other discussion was on the water situation with report from Director Fenwick on the activities of the association's Water Resources Research Committee and work being done by President Martin in conjunction with the New Jersey Golf Association.

Next meeting scheduled for April 2, 1981 at Copper Hill Golf Club. Program will be on diplodia control on Pines - speaker Phil Kolb, duPont. This will be a joint meeting with District 6.

Our deepest sympathy is extended to the family of Nick Florio after his recent passing.

Nick was a long-time Superintendent at Somerset Hill Country Club and more recently, held the same position at the Pennbrook Country Club, Basking Ridge.

While at Somerset, Nick served as Caddy Master and Golf Pro during his early days and then held the position of course Superintendent till his retirement in 1977. After a short time he found relaxing wasn't for him and accepted the course superintendent's position at Pennbrook.

Nick guided our State Association as it's President (we could not confirm the dates) and was very active till the early seventies.

We are very happy to report Al Foster is home and doing very well. Al spent the better part of three weeks in Hackensack Hospital's Intensive Care Unit after a fall left him with a severe concussion and broken ribs. He is recovering rapidly and hopes to be back on the job as soon as possible. During a recent visit, he talked almost exclusively about getting the course ready for the '81 season. You just can't keep a good man down for long.

While Al is recovering, the operation at Hackensack will be in the capable hands of Greg Swederski. Greg, the newly hired Assistant Superintendent, comes to the Bergen County area after serving as George Pierpoint's assistant at both Echo Lake Country Club, and, most recently, the Concord Hotel and Resort. Greg is a 1977

graduate of Delaware Valley College and until his assignment in upstate New York, was a life-long New Jersey resident. We are sure Al will feel much more comfortable with Greg's able assistance available.

Congratulations to Dave and Leslie Lerner on the birth of their first child, Jennifer Ann, born March 6th. Dave is starting his third year as Rossmore-Clearbrook Superintendent.

Good luck to Bill Martin on his recent appointment as Golf Course Superintendent at the Via Verde Country Club, San Dimes, California. Bill follows Head Golf Pro, Mike Burke, to the beautiful southwest after serving Deal Country Club as it's Superintendent the past two years. Bill tells me he has the option to purchase stock in the 18-hole private club located in Lost Angeles County. Imagine that, if Bill isn't doing a good job, he could fire himself.

The Deal position is being left in the capable hands of Bill's Assistant, Gary Orlando. Gary is a graduate of the Rutgers Turf Program and has been working with Bill for the past six years. Best of luck to both Bill and Gary.

Roy Bossolt is doing fine after a recent operation. Both Roy and wife, Doris, are already looking forward to the summer at the Jersey Shore where they have a home. Roy promises he will get his golf game in shape for the '81 season. (Oh No!).

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MORE CHIP SHOTS

A GCSAA Membership Recruitment Citation of Performance Award was given to Dennis Wagner, Trenton C.C., at the international convention in January. This is the fifth time Dennis has received this honor, this is the most times this award has been given to one person.

Dennis' former assistant, Chip Kern, has been retained as the Golf Course Superintendent at Tonesdale-Frankfort Country Club in Pennsylvania.

Golf Digest in its March issue selected "America's 50 Greatest Public Courses" of which Steve Finamore's Hominy Hills G.C. was one. Hominy Hills G.C. had previously been noted as one of the "Ten Outstanding Public & Municipal Courses You Can Play in the Northeast." The course was designed by Trent Jones and constructed in 1964. Steve has been the Superintendent at Hominy G.C. since 1977, he was preceded by Harvey Dreibelbis. Ange Petraglia, Navesink C.C., won four of the eight N.J. Winter Golf League events he entered this past winter.

Fred Allan, Seabright Lawn Tennis Club, operation on his back was successful this past winter.

Bill Dawes, Mendham Golf & Tennis, is not the only famous William Dawes. History tells us that there was a William Dawes who rode along with Paul Revere & Samuel Prescott in warning the colonists of the British advance on the Concord April 18, 1775.

George Pierpoint, the Concord, will be assuming additional responsibilities at the resort in the Catskills. Besides the three golf courses, ski slopes, and toboggan run, George will oversee all outside maintenance at the facility.

Tim McAvoy has been retained as the golf course superintendent at the Fox Hollow G.C., Branchburg. Tim is a graduate of the Penn State Turf School and was a schoolboy golf star in Bridgewater, N.J. He should be able to offer quite a challenge to Larry "Lefty" Dodge, Madison, G.C. and Ange Petraglia, Navesink C.C. in the GCSANJ Golf Championship this Fall. In the area of better late than never; did you realize that Robert Ujobagy, Somerset County Park Commission, was a one time Big winner on the show "Bowling for Dollars."

Editor's Note: My apologies to Roy Bossolt for mis-spelling his name under his picture in our last issue. Also to Dave McGhee for not giving proper credit for his article on the January 30th PANJ meeting.

Special Note: Good luck Frank and Cathy. Crash did it again. Does anybody really know where W.R. is.

HOTLINE

609-292-3753

Water Emergency Task Force
Dept. of Environmental Protection
Box CN-029
Trenton, New Jersey 08625
ATTN: Hardship Exemption Review

COMMERCIAL CLIPPINGS

The W.A. Cleary Corp. of Somerset, New Jersey, is pleased to announce that Dr. Jim Strimble has joined its staff, and will assume the responsibility of Manufacturing Manager.

Gregg Hutch, formerly of Turf Products Co., has joined the sales staff of the Terre Co., Clifton, N.J. He will assume his new duties around April 1st and represent the firm in southern New Jersey.

Dave Sylvester, Tuco Agricultural Chemical Sales Representative of our area, has been nominated to the Academy of Upjohn Salesmen and will be honored by the company in early June.

Don Wilson (formerly Terre Co. Rep.) has taken a position with Chem-Lawn at their research division in Atlanta, Georgia.

Arnold Block has joined the staff of the Wilfred MacDonald Co. in Clifton, New Jersey, as Parts and Systems Manager. Arnold was previously employed by the Farm Harvesting Co. in Whippany as Service Operations Manager.

It has also been announced that the Wilfred MacDonald Co. has received the Jacobsen Distributor of the Year Award. This honor was bestowed on them during the GCSAA Conference in Anaheim.

At the same time they were accepting this award, they were given the Outstanding Achievement Award from the AMF-Harley Davidson Golf Cart Division during the PGA national show in Orlando, Fla.

Turf Products Corporation has hired Rick Berberick to serve the central Jersey area. Rick is a graduate of Lake City Community College. He has previously worked for Todd Polidor, Heritage Hills and Al Foster, Hackensack C.C.

— All you need to grow fine, vigorous grass is a crack in your sidewalk.

GCSANJ Spring Seminar Held

The GCSANJ's Education Committee, chaired by David McGhee, Superintendent of Oak Hills Golf Club, sponsored a one-day educational seminar at Forsgate Country Club on March 19, 1981.

The event devoted the entire morning session to the current drought crisis in New Jersey. Guest speakers on this subject included:

Robert Hanna, Extension Specialist in Natural Resources, Cook College, NJ.

Dr. Joseph Miri, Chief of Water Supply and Planning, Division of Water Resources, Trenton, NJ.

Anthony Broccoli, Advisory Agricultural Meteorologist, Cook College, NJ.

Dr. William Mitchell, Extension Specialist in Agronomy, University of Delaware.

James Gilligan, Superintendent, The Bedans Brook Club, Skillman, NJ.

Homer Lichtenwalkter, New Jersey Golf Association Committee Member.

The topics ranged from water regulations to the long range weather outlook.

After an enjoyable lunch, Ms. Jeanne True, Coordinator of Community Education, Overlook Hospital, Summit, NJ., had a very interesting presentation on Basic First Aid and CPR.

Also included in the afternoon session was an update on Ataenius Control given by Dr. Louis Vasvary, Extension Specialist in Entomology, Cook College, NJ. Credit was given toward pesticide applicator certification to those who attended Dr. Vasvary's presentation.

The seminar was a complete success with a capacity attendance of 125, and Chairman McGhee expressed that he would like to start the groundwork for a similar seminar to be held in the fall.

Our hats off to Chairman McGhee and his committee members, Steve Finamore and Les Stout, for a job well done.

Also of mention during the event was a presentation by President Jack Martin to Ed Walsh, Editor of the GCSANJ's newsletter, "The Greenerside," for winning the GCSAA top award in the 1980 Chapter Newsletter contest. Along with Walsh, presentations were presented to "Greenerside" staff members; Mike Hannigan, Associate Editor; Ken Kubik, Advertising Manager; Jerry Schoonmaker, Photography; and Dennis DeSanctis, Contributing Editor.

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1981 LPGA Coca-Cola Classic

Ridgewood C.C. Offers New Challenge for the LPGA

National and local interests will focus their attention once again on New Jersey during the week of May 11 for the 1981 LPGA Coca-Cola Golf Classic. Serving as the host site, Ridgewood Country Club will offer a new and interesting challenge to the touring lady professional golfers. Forsgate Country Club and Upper Montclair Country Club, each serving as the host site for two consecutive years previously, have contributed to the recognition of the Coca-Cola Classic in New Jersey as a major event for the lady professional golfers. Ed Walsh, Golf Course Superintendent at Ridgewood, has been busy since last season conditioning the course to meet the challenge of providing maximum play conditions and thereby uphold the high standards set forth by Tom Schultz at Forsgate and Bob Dickison at Upper Montclair for the previous Coca-Cola Classics in New Jersey.

The lady professional golfers have expressed a deep sense of satisfaction from participation in the Classic in New Jersey. Impressed not only with the superior play conditions of the golf course but also with the gallery and many courtesies extended to them, they have spoken very favorably of this stop in their tour. One of the specific courtesies enumerated very frequently and highly was the transportation service rendered by the Golf Course Superintendents Association of New Jersey.

Last year at Upper Montclair Country Club and each year since 1977, the Golf Course Superintendents Association has provided approximately 35 volunteering Superintendents to serve on the Transportation Committee during the week of the Tournament. In considering our participation, it is only natural to inquire as to why we have become involved. Each year's experience gained from serving on the

Transportation Committee seems to fortify and strengthen our convictions on the worthiness of this effort. Perhaps the foremost benefit has been the opportunity to meet and converse with the lady professional golfers. As a result, they have gained a better insight and appreciation as to the individual who has the responsibility for the grooming of the golf course. Conversely, the Superintendent has obtained a better understanding of the attitudes of a professional golfer toward play conditions. The Association also gains recognition through the attractive Association sign that is posted in one of the golf holes through the courtesy of the LPGA. In addition, opportunity was provided last year during the ceremonies at the conclusion of the Tournament for the presentation of a plaque by President Jack Martin to Bob Dickison, the host Superintendent, in recognition of his efforts in grooming the golf course. Aside from the benefits, the Superintendents who volunteered their services contributed to a very worthy charity and also enjoyed the opportunity to see a lot of good golf.

Once again, Peter Busatti, the Tournament Director, has extended an invitation to the Golf Course Superintendents Association of New Jersey to participate as the Transportation Committee in the 1981 Classic. Your Association has responded favorably to the invitation and will be taking an active part in this national Tournament. In the near future, your District Director will issue a call for volunteers. Your cooperation in responding to his call is requested. Volunteering your services even before he issues the call will make his job much easier. For those who participate, you can be assured of an enjoyable and interesting experience.

Dr. Henry Indyk

INTERVIEW WITH COCA-COLA HOST SUPERINTENDENT

For the first time in its history, Ridgewood Country Club will host an LPGA event, the LPGA Coca Cola Classic - May 11-18.

We stopped by the other day to see if we could get some thoughts on the tournament preparations from Ridgewood's Greens and Grounds Superintendent, Ed Walsh. The following are some excerpts from this dialogue:

Question: This being the first time your club has hosted the Lady Pros Ed, have you had to make any alterations to accommodate them?

Ed: Not really Mike. We have rebuilt a couple of tees and all the bunkers around two of our greens were reconstructed, but these were projects that were in our long range plans anyway. They just became a priority when we finalized the tournament negotiations in late 1980.

Question: Do you foresee any major changes in your routine maintenance schedule at Ridgewood?

Ed: No. Granted the schedule during the week of the tournament will be long, but the course is routinely maintained to very high standards for our membership.

Question: I know this has been asked in previous interviews with superintendents hosting major tournaments, but where do you find yourself spending most of your time as this event approaches?

Ed: I will echo the sentiments of Joe Flaherty and Bob Dickinson: most of my time is spent with outside contractors coming on the course. For example: over 16,000 feet of telephone cables have been laid in the ground and, if I hadn't taken the time to show them where my drainage and irrigation lines were . . .

Question: How do you feel about the time of the year this tournament is being played?

Ed: Ordinarily, the course is not in peak playing condition until the first of June; however, because of the drought restrictions I'm very happy with the dates.

Question: How is your membership at Ridgewood reacting to this event and its preparations?

Ed: Super. At first they were a little apprehensive, but now this has given way to complete cooperation. After the U.S. Amateur was played here in 1974, we found ourselves to be one of the only clubs ever to hold this event and run in the black. I can only attribute this to hard work and cooperation by the members and hope this is the case with this tournament.

continued on page 7



Bill Pierce, General Chairman, and Pete Busatti, Tournament Director, discuss the upcoming Coca-Cola Classic at a recent meeting at Ridgewood C.C.



Donna Horton White, defending Coca-Cola Classic champion; JoAnn Washam, 1979 runner-up; Virgil Smith, Ridgewood C.C.'s Coca-Cola Classic Chairman, and Kathy Whitworth, 1977 champion, take time out from press luncheon to pose for our Greener Side.

INTERVIEW

Continued from page 7

Question: How is your maintenance staff reacting to this tournament?

Ed: Very favorably! In fact, the one topic that comes up quite frequently in their conversations is the U.S. Amateur. They seem to be driven by their pride and want the contestants to totally enjoy themselves while playing Ridgewood.

I might add that we have let the crew play an active part in preparations for this tournament. About three weeks ago I sat down with my two assistants, Bill Luthin and Dave Heroian and Foreman Ted Papienuk, to establish preparation priorities. A short time later we had another meeting with my whole staff to explain our means of attack and, most importantly, to get their input.

Question: Does the LPGA listen to your input on the conditioning of the course for the Classic?

Ed: Yes, they do, Mike. I have received nothing but total cooperation, especially from Peter Bisconti, LPGA Tournament Director, and Peter Busatti, Tournament Chairman.

Closing Note: Ed is very enthusiastic, and looking forward to "show off" the course. The decision to go with the tournament, as we mentioned earlier, was very late in 1980, and at first he was apprehensive because of the workload he had to meet before the tournament. He does note that if the event is staged at Ridgewood again in 1982, he will be further into the clubs long range plan and the course will be in better shape.

Mike Hannigan



Jack Manning, Transportation Chairman, looks forward to working with GCSANJ.

BOARD NOTES

BOARD MEETING

FEBRUARY 24, 1981

SHACKAMAXON COUNTRY CLUB

President Martin attended a meeting of the Green Industry Coalition to discuss the hiring of a lobbyist in Trenton for representation concerning the water restrictions on our industry. The Coalition is represented by the sod, arborists, nursery, turfgrass, and golf course associations.

Dave McGee attended a meeting of the N.J. Pesticide Association on January 30th. The Pesticide Association encouraged members of G.C.S.A.N.J. to participate with their organization.

The Ethics Committee is investigating a violation of the Code of Ethics.

M.D. Crawford is voted Life C. Member of G.C.S.A.N.J.

The G.C.S.A.N.J. budget for 1981 was approved by the board.

The Board agreed to have the Christmas party at Shackamaxon Country Club again because of the outstanding job they did last year.



Jack Martin honoring Bob (Red) Dickison after 1980 Coca Cola Classic.



Sterilized Top Dressing

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Austrian Pines - An Endangered Species?

Not quite, but since the early 70's a disease known as Diplodia Tip Blight has severely ravaged many Austrian Pines.

Over the past 15-20 years, Austrian Pines have been planted in large numbers throughout the Northeast and Midwest. Originally an import from Europe, it was prized for its stately well balanced appearance, making it ideal for extensive plantings around golf courses, residential homes, offices, apartments, banks, etc.

In the early 70's Diplodia Tip Blight was identified causing serious damage to Austrian and other two-needle pines: 1) Red, 2) Mugho, and 3) Scotch. The disease is caused by the fungus *Diplodia pinea* and is easily diagnosed.

Diplodia Tip Blight first appears by infesting buds on the lower branches. Buds are susceptible to infection soon after they break winter dormancy and as they elongate (candling). Infected buds cease further growth and soon die, leaving a stunted straw-brown branch tip. The fruiting body of the fungus, pycnidia, are visible with the unaided eye and can be observed on dead stunted needles, or sometimes under the needle sheath.

Annual reinfection is assured, as Diplodia spores are easily splashed to new buds by rainfall. In a few years the disease quickly spreads to the upper branches until the tree is $\frac{3}{4}$ disfigured or completely dead.

Fortunately, the chain saw is not the only solution to the problem of Diplodia Tip Blight. Tests conducted with TERSAN 1991 Turf Fungicide have provided excellent control on uninfected trees, as well as preventing further infection on trees already damaged. TERSAN 1991 was recently approved for control of this disease on Red and Austrian Pines in the states of Pennsylvania, Delaware, and New Jersey only. Additional registrations are pending in several northeast states.

Applications of TERSAN 1991 should be applied at the rate of 1 lb. per 100 gallons along with a compatible spreader-sticker at recommended rates to the entire tree. Thorough coverage is essential for optimum disease control, beginning in the spring when new growth starts. A second application should be applied when needles emerge from the sheath, and a third application 10 days later.

TERSAN 1991, offers an important alternative to the wait and die prospects for untreated Austrian Pines. For Pennsylvania, Delaware, and New Jersey applicators a copy of the label may be obtained by sending to E.I. DuPont de Nemours & Co., Inc., Biochemicals Dept., 308 E. Lancaster Avenue, Wynnewood, PA. 19096, or contact your local supplier.

— Nothing increases your golf score like witnesses.



Charlie Dey, Skip Cameron, Red Dickison, Donna Horton White, Glenn Gallion, and Jack Martin relax after 1980 Coca-Cola Classic.

"STROKERS" READY FOR A DRY '81

Despite a late season snow storm, the "Monday Stokers" are anticipating an early resumption of their golf outings. A spring organizational and election meeting is planned for as soon as all members have returned from the beaches of the south or the ski trails of the north.

It is rumored that both the handicap chairman and the social director of the "Stokers" are being ousted due to incompetence. Not only were last years handicaps nonexistent, but the bowling outings planned for the winter never came about.

It is also rumored that the "Stokers" have come up with a solution to the thirist problems likely to develop after a round on the waterless fairways of 1981.

PAUL KUEHNER
Asst. Supt.
Montclair Golf Club
West Orange, N.J.

HEART ATTACK!!!

There is only a limited time to react, so learn the signals and actions for survival. There will be an uncomfortable pressure, squeezing, fullness or pain in the center of the chest, behind the breastbone, which may spread to the shoulder, neck or arms (the pain may not be severe); other signals may include sweating, nausea, shortness of breath and a feeling of weakness. Stop whatever you are doing and sit or lie down. If the heart attack signals persist get to the nearest hospital emergency room which provides emergency cardiac care.

Learning CPR, cardiopulmonary resuscitation, could be an excellent tool for saving a life on the golf course. The golf course has many remote areas of which a greens department member who is trained in CPR could be the first person to arrive to save a life. Training in CPR is available and information on it can be obtained from your local American Heart Association.

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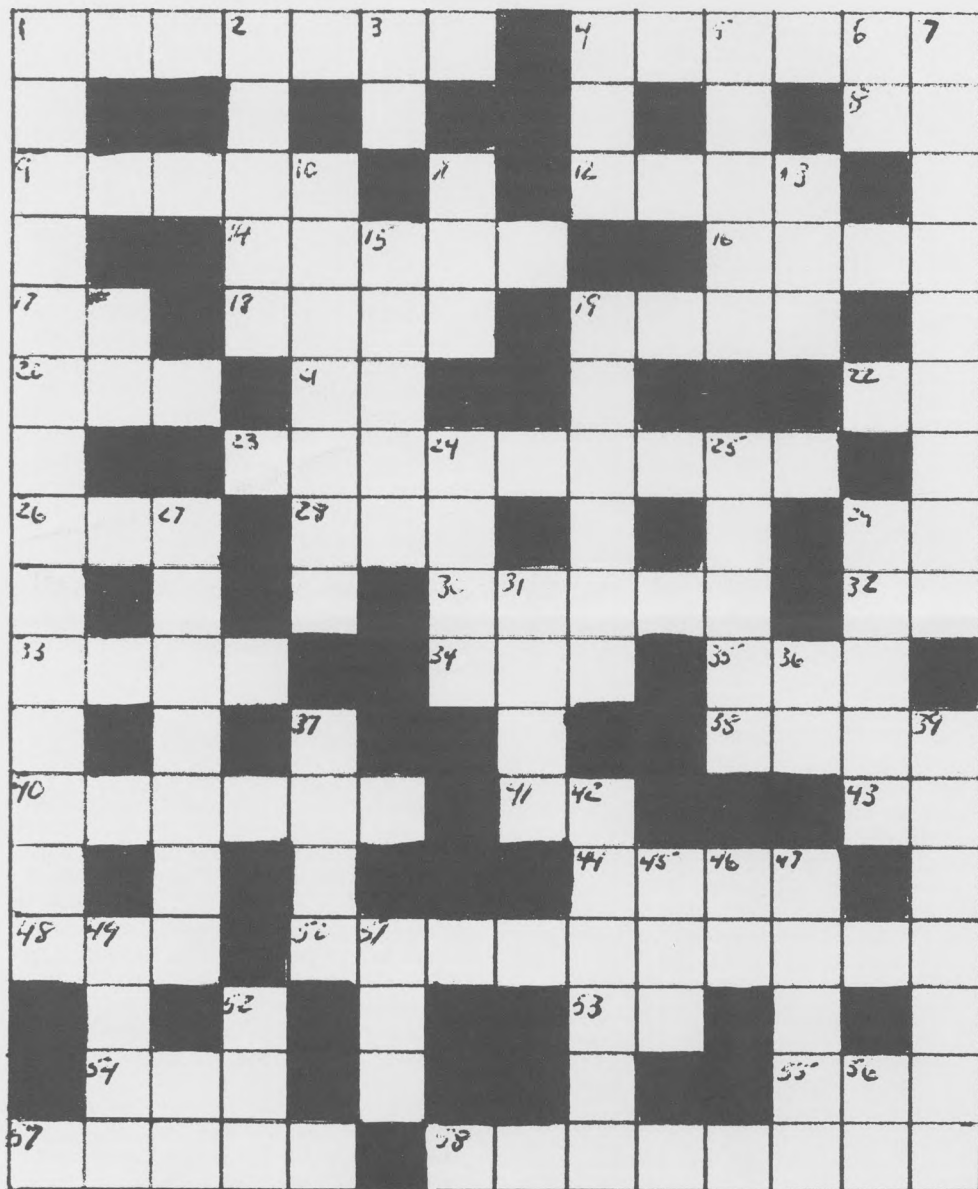
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ACROSS

DOWN

1. "Tee Through the Green"
4. K_2O
8. #1 Real Bad Guy (initials)
9. To destroy or remove plants from the land
12. Rebuttable presumption against registration
4. Putt here
16. LPGA Golfer (first name; last initial)
17. Penalty area
18. Flexible water carrier
19. Dicamba; MCPP; 2,4-D; all emerge herbicides
20. Stripe Smut (first three letters of Latin name)
21. Shade Tree (initials)
22. Liquid pesticide formulation
23. Plants which complete their life cycles in two years
26. Portable turf
28. You wouldn't want to spray this form of iron on your turf
29. Our editor
30. Tall plants
32. Rutgers Prof (initials)
33. FE

1. $FESO_4$
2. Penalty grass
3. The important pesticide ingredient (initials)
4. Hard to break
5. Toughens any course (pl)
6. Chloroneb
7. Will eradicate a plant out of place
10. The act of weathering away (esp. by means of water)
11. Begin the hole here
13. LD50 animal
15. 2,4-D formulation
*Typical salesman/super conservation
19. Common hedge type
24. Handicap score (pl)
25. Soil fungicide, Dexon
27. 1980-1981 New Jersey headache
31. The starchy seeds of grains of this grass are used as foods
36. Do you enjoy wasting this time to do this puzzle?
37. Grab grass killer
39. Study of living organisms in their environment
42. Fairway trap
45. Former Superintendent now Salesman (nickname)

ACROSS continued:

34. Golf term often shouted to stop or slow ones' ball
35. Year
38. The joint where the leaf is attached to the stem
40. The month the POA leaves town
41. Elliptica Botvytis (initials)
43. Same as "22" across
44. Soluable form of Nitrogen
48. What Gypsy Moth caterpillars do to our trees
50. Form of fast release Nitrogen
53. Armed Services offer this duty to the disobedient
54. Turf management using all available methods of control (ie. cultural, pesticides, biological, etc.)
55. Common Ag weeds; _____weed
57. Microscopic plants often found on soil surfaces; associated with damp and shaded areas

DOWN continued:

46. Former Edgewood Country Club Super (initials)
47. Fruit of the Oak tree
49. The point where the leaf grows from the stem.
51. Thatch
52. Derived from MSMA
56. Form of electrical current
58. Period of slow and/or no turf growth

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The N.J. Solid Waste Administration reports that at present there are within New Jersey 19 commercially available facilities authorized to handle, process, treat, or dispose of hazardous chemical wastes. In broad terms these facilities are divided into the following classifications: incinerators - 2; transfer-storage - 5; recovery-reprocessing-treatment - 12. The SWA estimated that these firms have only been handling approximately 30% of the chemical wastes generated within New Jersey that are tracked on the manifest system (about 120,000 tons last year). They report that this situation is due, in part, to the following factors: 1) Readily available, lower cost, out-of-state disposal sites; 2) Illegal disposals; 3) Higher cost in-state facilities; 4) Displacement of out-of-state wastes; and 5) Stricter environmental regulations developing in New Jersey and increased public awareness.

To obtain this list of the authorized New Jersey special wastes facilities, their addresses, types of treatment, and types of wastes accepted write to the Solid Waste Administration, N.J. Department of Environment Protection, P.O. Box 1390, Trenton, N.J.

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Maria Cinque Named Turfgrass Specialist For Long Island

Maria Cinque has been named as Robert "Bob" O'Knefski's replacement as Turfgrass Agent for Long Island. Ms. Cinque has worked with Bob O'Knefski since she was first employed with Cooperative Extension in 1974 and took over his turfgrass.

Ms. Cinque has actively worked in the Turfgrass Field for the past seven years whereby she has done turf consulting for Sod Growers, Golf Course Superintendents, Landscape Gardeners, Estates, Cemeteries and on home lawns. She has worked in conjunction with Cornell's Turf Program in applied turf research on Long Island and has served as a Director of the New York State Turfgrass Association for two years and editor of their Bulletin for four years.

Ms. Cinque has an Associate Degree from the State University of Farmingdale and a Bachelors and Masters Degree from the University of Georgia. She has worked in her field for Cornell University and Georgia Cooperative Extension before being employed with Cooperative Extension of Nassau County.

As Turfgrass Agent she will be responsible for coordinating turfgrass programs for Long Island and participate as a liaison with the Cornell Turfgrass Team along with Dr. Richard Smiley, Dr. Martin Petrovic, Dr. Haruo Tashiro, Dr. Martin Harrison and Dr. Arthur Bing. She will also establish and work with the Turfgrass Advisory committee as well as with industry people and University Specialists in New York and the Northeast.

Racquetball Championship

Racquet Time, Waldwick, N.J.
March 12th

Ted Horton	105 Points
Ken Kubik	89 Points
Dick VanZandt	79 Points
Ed Walsh	76 Points
Larry Dodge	74 Points
Mat Dobbie	69 Points
John Wesolowski	62 Points
Dave McGhee	59 Points
John Fenwick	44 Points

We made one very big mistake in this, our second, 1981 event, we invited Ted Horton. I had heard he was good but he's better than that. He beat me 21-1 and I played well. In one short 10-minute session, he completely shattered my ego (not easily accomplished).

Ted finished a distinct first to our perennial bridesmaid, Ken Kubik. Ken also suggested we no longer send Ted our newsletter when we schedule another racquetball event.

Earning Limits Raised

The golf course labor force requires part time workers during the peak summer work period. A number of New Jersey golf courses have been utilizing retired individuals to supplement their work force as gardeners, rangers and greensmen.

The Social Security Administration has announced increases in the yearly limits on what a retired person can make without losing any benefits from \$3,720. to \$4,080 for retirees 62 to 65, from \$5,000. to \$5,500 for those 65 to 72.

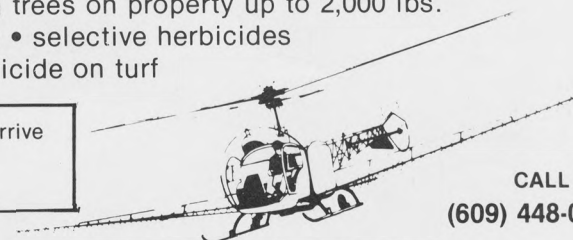
This could be a way to keep your retiring mechanic around the shop for a few days a week or provide a mature part time worker for a limited period of time.

The development of a new product is a three step process: first, an American firm announces an invention; second, the Russians claim they made the same discovery twenty years ago; third, the Japanese start exporting it.

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These listed names are your District Greener Side representatives. If you have something of interest, please contact them. If your District isn't mentioned in this publication, it's either your fault or your representative's.

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Nothing is quite so annoying as to have someone go right on talking when you're interrupting.

Protecting Your Crew From Pesticides

Pesticides are one of the worst health hazards involved in golf course maintenance. It is a superintendent's responsibility to make sure that the proper protective equipment is provided and worn by his crew. The following information is taken from GCSAA's "Pesticide Usage Reference Manual" available from Association headquarters in Lawrence, Kan.

Many superintendents are alert to the dangers present when applying pest control chemicals but overlook these equally hazardous situations:

1. Handling of containers in moving from transport vehicle to storage area or in rearranging containers in the storage area.
2. measuring, loading or mixing operations
3. disposal of empty containers
4. cleaning of equipment after use
5. laundering
6. personal cleanlines

Cotton, leather or canvas gloves or boots will absorb large quantities of toxic materials and provide a constant exposure to the skin. If organophosphorus or carbamate insecticides are involved, wear natural rubber gloves unless the container label specifically states otherwise.

Rubberized boots are generally preferred for protection against chemicals because they wear well and can be cleaned with soap and water. Disposable plastic boots and gloves should not be used because they may not be strong enough to stand the rough conditions of continuous golf course usage.

Workers need additional protection when opening containers, mixing chemicals and filling application equipment because these operations involve direct skin or lung exposure to the chemicals. Therefore, goggles or face shields, head coverings and respirators should be worn. A rainsuit or coveralls can provide maximum protection, especially when very toxic chemicals are being handled. Headbands or goggles and face shield should be replaced periodically since they are absorbent and

are in direct contact with the skin and hair. Maximum protection is needed when chemicals are being applied, and the type of protection is dependent upon the types of chemicals being used. In spraying operations, operators are often exposed to considerable hazard, because their clothing can become very wet. Waterproof rainsuits are recommended for the greatest degree of protection. If dusts or granular materials are being used, full-length coveralls are satisfactory. Both wet and dry applications require the use of respirators, gloves, boots, and head and neck covering for maximum protection.

A moderately high risk factor is involved in the cleaning of equipment after use. Workers often are eager to shed protective clothing as soon as they return to the maintenance building, especially on hot days when most pesticides are applied. Every effort must be made to prevent this since the normal splashing and spilling of contaminated water onto bare skin or clothing can lead to serious consequences.

Protective clothing suggested during clean-up includes: rubberized boots, rubber gloves, goggles or face shield, and waterproof suit or large rubberized apron. All clothing should be thoroughly washed with soap and water after each usage. This includes gloves, boots, coveralls, waterproof suits, etc.

The final safeguard is that of personal cleanliness -- each person who has handled toxic chemicals must be instructed to wash or shower thoroughly as soon as possible after finishing his work. Failure to do so can produce tragic results, especially if the worker is unduly sensitive to a given chemical.

If all this seems unreasonable, bear in mind that you, as a golf course superintendent, are completely responsible for the health and safety of your crew.

FORE FRONT

Keep on going and the chances are you will stumble on something, perhaps when you are least expecting it. I have never heard of anyone stumbling on something sitting down.

Charles F. Kettering

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