



Golf Course Superintendents

THE NEWSLETTER

Association OF NEW ENGLAND, INC.

Sponsors and administrators of the Troll-Dickinson Scholarship Fund — Awarded yearly to deserving Turf Management Students.

May 1991

The Housatonic River: A charm and curse for Bruce Packard

June Meeting

Joint GCSANE & Cape Cod
Turf Managers Assoc.

Monday, June 10, 1991
Marshfield C.C., Marshfield, MA

Bob Matthews, CGCS,
Host Superintendent

Guest Speaker
John Placaneca

Hydrosoil by Softron Int.
Water Saving Polymers

9:00 a.m.	Board Meeting
10:00 a.m.	Regular Meeting
10:30 a.m.	Education
11:30 a.m.	Lunch
	Golf after Lunch

Reservations Required
Call before June 7, 1991
(617) 527-6968

Bob Matthews is in his fourth year as superintendent at Marshfield C.C. He graduated from Stockbridge in 1973 and began his superintendent career at Charter Oaks C.C. in Muttontown, Long Island. Bob stayed there for nine years and then went to Deal Golf Club in Deal, NJ for five years. He held every Board position except President in both the N.J. and Long Island superintendent associations. Born in Middleton, MA, Bob now resides in Marshfield with his wife and their two sons Eric, age 10; and Sean, age 7. Bob coaches ice hockey and is a Cub Master for Pack 97 in Marshfield.

Directions: Route 3 to Exit 12 (Route 139). Head east on Route 139 toward Marshfield. Stay on 139 and take Route 3A off to the right towards Duxbury. Entrance to club is two miles up 3A on the right.

At this writing, a phenomenon of sorts held Bruce Packard's smile in place.

"I don't want to jump to conclusions," the two-year Stockbridge Golf Club superintendent took all precautions against over-confidence, "but I think we might get out of this spring without a flood. But then again, I don't want to say it too loud."

Usually when winter's hold on the Berkshires breaks, Stockbridge and the Housatonic River are at odds. The run-off of melting snow from the mountains and customary spring rains turn the storied golf course into a ship's haven when it's more prudent to stage a regatta than a member-guest tournament.

However, when Packard and his crew arrived for their annual inspection and subsequent clean-up operation in March, Stockbridge was relatively dry. Oh, there had been a hint of rising tides on the Housatonic in February, but the river never got to the point of overflowing. That's when the phenomenon began to take root.

A year before, which just happened to be Packard's first season as Stockbridge's grower and guardian of its greens and fairways, the course was going through the first of what would eventually number seven floods over a period of six months. Therefore, Bruce's baptismal year was in keeping with the timing of his hiring--a wet one.

"I knew my work was cut out for me when I got here," Packard told. "But I didn't think I'd go through seven floods in one season. Most of them caused short closings for the course. One was a whopper, though. It came in August when our

members figured the flooding season was over."

The whopper occurred after two stormy days (August 6 and 7) when 8.7 inches of rain fell. This came on top of a routine rainfall five days before, so the combination of mini-catastrophes came crashing down on the picturesque course in the height of the golf season in the Berkshires.

"We had to close the course for 14 days," Packard lamented. "The extent of the flood was at least three feet of standing water on virtually every green. Clean-up was so tough my crew had to use privately-

"The river comes into play on 12 of the 18 holes. When the weather is high and dry, it really brings out the best in the golf course"

Bruce Packard

owned land, whose access was over a mile away, to gain entrance to a couple of greens. Yes, I suppose you could say ours was an underwater operation for the better part of those two weeks."

All because of the Housatonic River and the uncertainties of the weather.

"All we need is two and a half inches or so and the river overflows," Packard explained. "When that happens, we can't

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Eric Lamont, Eric Kleinsorge, Mike Cornicelli, and Bob Healey enjoy a day of golf at Kernwood C.C.

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play golf and, naturally, my work schedule falls behind. In that situation, it takes the river 24 hours to crest. So, we're really talking hindrance here."

Actually, the Housatonic is part of the charm of the Stockbridge course, which will mark its 100th birthday in 1995. It also is a curse because of the heavy part the river plays in preventing that charm from being an ongoing additive to the overall aesthetic effect on the club, course, and surroundings.

"The river comes into play on 12 of the 18 holes," Bruce disclosed. "When the weather is in a high and dry mood, it really brings out the best in the golf course. Its width varies and ranges from 60 to 100 feet and there are four suspension bridges used for crossing. One other thing, its rambling pattern presents what probably is a first in golf course architecture since it rings the 10th hole on both sides of the fairway."

The 33-year-old Packard, who's been associated with golf since he was five (caddy) and once took a spin through the operational procedures of a pro shop, swung over to the superintendent's profession in 1976. After six years at the Creek Club on Long Island, he began a successful seven-year stay at the Amherst Golf Club where Dr. Joe Troll was his green chairman. Bruce was the logical choice when Stockbridge sought someone to upgrade its playing conditions.

"It's the biggest challenge of my career," Bruce said. "Our members looked around at such places as Pittsfield (CC) and Wyantenuck (GC) and wondered why

they couldn't have the same top-notch conditions members of those clubs enjoy. And that's why I'm here, even though the water problem makes it tougher to succeed."

Presently, the club has set a high priority on a drainage project that could cost in excess of half a million dollars. Packard thinks last year's late-season deluge and two-week shutdown could hasten the process of finding ways to finance the endeavor.

"Something has to be done in that {drainage} direction," Packard added. "This is too nice a golf course to have constant flooding disrupt play, even suspend it and make things so miserable for our members. Once we get the water under control, we can do a lot of positive things here."

Without taking a turn or two in a rowboat, that is.

GERRY FINN

Calendar

- | | |
|----------------|--|
| June 3 | Superintendent-Chairman
Longmeadow C.C.
Longmeadow, MA |
| June 10 | Joint CCTMA-GCSANE
Marshfield C.C.
Marshfield, MA |
| July 15 | Joint GCSANE-NHGCSA
Vesper C.C.
Lowell, MA |
| Aug. 1 | Supt. Championship
Weston C.C.
Weston, MA |

The Super Speaks Out:

This month's question: With the golf season about to take full swing, what, if any, are the rules for golf cart operation at your course, and what have been the members' reactions to them?

Don Levangie, Brockton Country Club: "We have a unique situation here because of the golf cart set-up among our members. The club owns ten carts and 25 others are owned by members whose rights are protected under a grandfather clause agreement with the owner."



"It really does make things a little awkward, especially when weather conditions have to be considered in allowing cart use. Then, there's the maintenance situation. I do that job for the ten carts the club owns, actually the individual who owns the course and club. My orders are not to lay a hand on carts owned by the members. So, you can see what direction we're going in here."

"We have rules for the operation of the carts, and for the most part the members are very good about them. They see them posted on the scoreboard near the first tee and most of them take the rules to heart."

"One problem here is that we don't have any cart paths as such. Presently I'm trying to get a program going where we can at least have makeshift paths or practical routes with stonedust topping."

"So, it's tough to control the carts without cart paths. However, I have to say the members realize this and conform to the 90-degree rule for crossing fairways and keeping carts in the roughs."

"What's more, we have a couple of trouble holes, the third and fourth. They're all clay and drainage is almost non-existent. So, there are many times when members must park their carts and walk those holes. They seem to accept that arrangement and the only problem we have along those lines is when outing golfers are using the course. They just aren't educated to the fact carts can do a lot of turf damage."

"Right now (early April) we aren't allowing carts on the course and it probably will be a couple of weeks before members get the green light. But down the road there'll be a lot of cart traffic. We have

about 225 members and this is a nine-hole course. So, in a way, the course will hold up only as well as the cart-users adhere to our rules."

Max Mierzwa, Chicopee Country Club: "Here's something that many other superintendents may find hard to believe and maybe I'm getting off the track, but this is my 27th year at Chicopee and I can't remember ever having to shut off use of golf carts because of wet conditions. I think that's amazing."



But we're built on a gravel bank and the drainage here is as good as you'll find anywhere."

"Golf cart operation rules? Well, I'd say our golfers go along with them at about the same percentage rate they follow other forms of golfing etiquette, like not dragging your feet on greens and fixing ball marks. There always are the 50 or 60 who wouldn't know a rule if one bit them. Then there's the majority who are aware that rules are put there to help their golf games in the end."

"The rules are posted here. We try to have golfers keep carts in the rough and we have the same old aids going for us. We put up signs, ropes, all those things to remind cart-users they have a potential menace to the course in their hands."

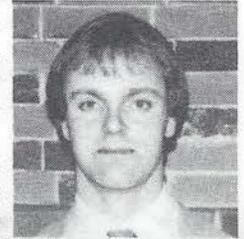
"Since we're a municipal course, we look to the city to provide the physical things that help keep it in top shape. It's cooperating, too. We have five cart paths completed, and the plan to build two a year has been set in motion."

"We are one of the busiest courses around. I'd say we average close to 300 golfers a day, so we're turning over a lot of revenue for the city. Chicopee realizes this and other surrounding cities realize it too. So, they're reacting by putting money back into the courses. The cities also realize golf is a business, not some park-type recreation project."

"So, overall, I'd say the golfers are doing a pretty good job of keeping golf cart

damage to a minimum. It's just what I expected. You have two kinds of golfers, those who care about the course and those who don't give a damn about it. If you get more of the first kind, you're lucky. That's where I am, I guess."

Roger Brink, Indian Ridge Country Club: "I don't know if this is a one-man crusade or not, but I'm convinced golf cart users can be made to follow the rules for operation and in the end everyone will be better off because of it."



"First, let me mention that we have a tremendous amount of golf cart traffic. I think we may have 14 to 15,000 cart rounds a year here. That's a lot and the numbers always seem to be growing. We have 80 carts and it's nothing to see each one go out twice a day."

"Cart operation has improved since I came here two years ago. In fact, I think most of the members are paying attention to the rules (they're posted in the pro shop) and have them in mind when they're using carts."

"However, there also are people here who think they can go wherever they please with a cart, and those are the ones we should pinpoint in an effort to draw maximum cooperation from the members."

"We're about 80 percent cart paths, not including partials, so cart-users certainly know where those vehicles belong. We also have rangers who want to enforce the rules, but, unfortunately, don't carry enough weight or have enough authority to make an impression on guilty parties."

"My solution is simple, especially in the case of individually-owned, private clubs which we happen to be. I think someone—a ranger, me if that's what they want—should be able to pull the key from any cart-user who abuses his operating rights and fails to adhere to the rules. As for the habitual rule-breakers, he or she should have cart privileges suspended for, say, a month and maybe even longer if a short suspension doesn't work."

"I don't think I'm over-reacting, but I'd like to know what other superintendents think about my feelings on the matter. I know there are people using carts who don't pay attention to anything but the golf game they're playing. However, that's no excuse for breaking the rules. I really think we have a problem here, one that won't go away until something is done about it."

GERRY FINN

A message from the President

Enclosed in this month's newsletter you will find a letter from myself and Joseph Malone, Chairman of the Hero's Welcome. To my knowledge, this is the first time



in our Association's history that the allied associations in Massachusetts golf (NEPGA, NE Club Managers, and GCSANE) have joined forces to support a fund raising project. I urge everyone's participation and support during Hero's Welcome Week, July 1-7.

It is hoped that the GCSANE, through participation at our member clubs (along with our allied associations), will be able to make a substantial contribution. These club events will be in the form of a Call-away Golf Tournament of 18 holes with an entry fee of \$25. All proceeds will go to the troops returning from the war in the Gulf. Further details will be forthcoming. Your support and cooperation in these events is necessary. The highlight of the week will be the "Hero's Welcome Home Tournament" with players made up of local celebrities, PGA Tour players, major sponsors and guests, along with 25 contributing sponsors, to be held at Pleasant Valley Country Club on July 1.

The other enclosure is an order form pertaining to space in the commemorative ad book. Not only does this apply to the Friends of the Association, but I would encourage individual golf facilities to consider space in such a worthy publication.

PAUL MILLER



Steve Butler and Steve Murphy cozy up for a photo at Kernwood C.C.

Reply from Governor Weld

April 1, 1991

Mr. Paul F. Miller
President
Gold Course Superintendents, Inc.

Dear Mr. Miller:

Thank you for your recent letter outlining your concerns about the need to continue the operation of the County Cooperative Extension Program.

We recognize the value and importance of the County Cooperative Extension Program which serves many people of the Commonwealth. As Paul Cellucci and I re-examined this issue, it was determined that the budget reductions initially proposed would not save us money, but instead jeopardize the availability of federal funds to our state. We have balanced the need for the County Cooperative Extension Program and the state's budget defi-

cit by revising the proposal and reducing this program's budget cuts.

We issued a revised proposal on February 27, 1991, which restores \$150,000 of the FY91 cuts and provides for \$871,198 in FY92. This provides for sufficient funds to maintain the 4-H and research components of the County Cooperative Program. These functions, coupled with the support from the University of Massachusetts, will allow the Commonwealth to continue to receive the \$3.5 million in USDA grants.

Thank you for expressing your concern.

Sincerely,

William F. Weld

Governor,
Commonwealth
of Massachusetts

DFA expands pesticide recordkeeping department

from The Green Industry Council
Monthly, March 1991

The Department of Food & Agriculture (DFA), in the very near future, will require all companies using pesticides to submit annual use reports. Currently, (DFA) requires all licensed and certified applicators to keep records of all pesticide products used.

At a meeting with the Green Industry Council Public Policy Committee, representatives of the Pesticide Bureau presented a draft copy of the annual use report form for the industry's review and comments. Ed McGuire, Chair of the committee, reports that "while there are obvious drawbacks to this proposal, for example the additional time and money spent gathering and reporting the information, the committee supports the idea."

Many other states have similar requirements, and, once begun, the process should be an inventory of what is actually used each year. The Green Industry Council is working with the Bureau to keep the process streamlined and workable for both the industry and the department.

Pesticide Bureau Chief, Gail Kaprielian, anticipates that the requirement will be asked of applicators for 1991 sometime in January or February of 1992.

Ciba-Geigy supports research; cash donations based on purchases

Looking for new ways to make donations to your most supportive research fund in 1991? This year Ciba-Geigy will donate money to the research fund of the superintendents choice in their name and the name of the course they represent.

To be eligible for a cash donation, a golf course has to purchase at least \$2,000 of Ciba-Geigy products between January 1, 1991 and September 15, 1991. Ciba-Geigy manufactured products include Banner, Subdue, Triumph, Pace, Pennant, and Sprint. The amount Ciba-Geigy will donate depends on the total annual purchases of the above products. The dollar amount qualifications are as follows:

Purchase Total:		Donation of:
\$ 2,000	=	\$100
\$ 3,000	=	\$15
\$ 4,000	=	\$200
\$ 5,000	=	\$250
\$10,000	=	\$500

There is no limit on the amount one course can qualify for. After all purchases of Ciba-Geigy products are made for the year, make a copy of the invoices and mail them along with the completed form to Ciba-Geigy.

Upon completion of the program, Ciba-Geigy will write a check to each association's or university's research fund. Along with the check will be a list of superintendents and their courses who participated in the program.

With the budget cuts at the university level, this is a great way to insure proper funding of turf research for this year and years to come. This financial assistance will aid in the local universities ability to provide valuable turf survival information throughout the year.

For more details on this program, contact your local supplier or contact Russ Nielsen of Ciba-Geigy at 716/392-7557.

EDITOR'S NOTE:

When supporting the Ciba-Geigy program, please note to have the donation made to "GCSA of New England" and list your club. At the end of the year we will list all of the clubs that helped in this program. Also at the end of the season, the GCSA of New England will decide where the research money will be donated.

Friends of the Month profiles

Turf Products Corp.

Turf Products Corp. has served the Golf and Irrigation Equipment Industry for over 20 years. During that time, TPC has grown in strength and size. We now service our customers from two new facilities in Enfield, CT and Worcester, MA, as well as six convenient Irrigation supply locations appropriately called "The Sprinkler House."

In addition to Golf and Irrigation products, TPC also distributes the full line of Toro Consumer and Proline Commercial products throughout New England.

TPC is dedicated to "After the Sale Service" and customer satisfaction is second to none, requiring highly trained technicians and a complete inventory of replacement parts. We invite all our

friends in the GCSANE to visit our Worcester facility any time and see why Turf Products Corp. and "The Sprinkler House" is considered one of the premier distributors of Turf and Irrigation products in the country.

D.L. Maher Co.

D.L. Maher Co. is a ground water consulting and drilling services firm located in North Reading, Massachusetts. The company was founded by Denis L. Maher and is celebrating its 50th anniversary this year. They have been a "friend of the association" for over twenty years.

D.L. Maher Co. offers a full array of ground water services which include water supply development, pump installation and service, and environmental drilling. Since 1941, D.L. Maher Co. has developed water supplies for over 50 golf courses throughout New England.

New demands have been placed upon the golf course industry in the last ten years, and quite a few of these demands are related to ground water. Most golf courses today are looking to develop their own water supplies whether for economical reasons or by order from a local or state authority, and developing those sources has been made more difficult by numerous regulations. In Massachusetts, the Water Management Act has required all water users to keep accurate records of their usage by metering. Another issue is the concern over the effects that golf courses may have on the quality of the ground water.

D.L. Maher Co. has kept up with the times and the changes to still offer the golf course superintendent one company that can help with his water needs.

Superintendent-Chairman Event June 3, 1991; Superintendent profile - Leonard St. Pierre

(Separate mailing sent for golf tournament)

Leon has been the golf superintendent at Longmeadow (Mass.) C.C. for the past 36 years. His assistant, Rick Derby, has been with him for the past two years. Leon graduated from Stockbridge in 1949 and served as President of GCSANE from 1965-1967. He also served as Secretary/Treasurer on the Mass. Lawngrass Council. Born in Rhode Island, Leon has three children, Jeanne, Andrew, and Andrea. Leon loves to ski and is involved in various environmental groups.

Built in 1922, Longmeadow is a Donald Ross course that measures 6,600 yards

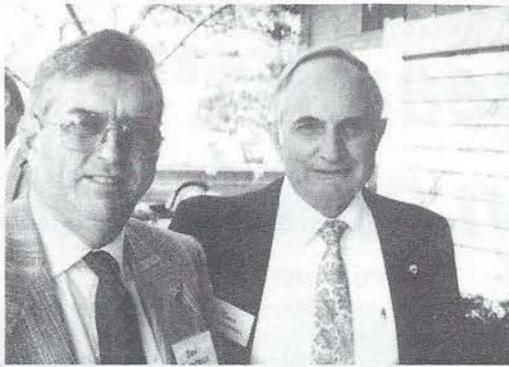
from the back tees. Leon says it's a fair course, but you better know how to play. Chester Drake renovated bunkers last year on the course with the redesign done by Jeff Cornish.

Leon is also involved in a tree management program cleaning out wood lots on the course to aid in better air movement and sunlight.

Educational Speaker: Dr. Rich Cooper

1. Short talk on Stockbridge update and current research projects under way there.

2. Film showing: GCSAA, *a Link with the Future*.



Bert Frederick and Tony Caranci

USGA Regional Seminar Kernwood C.C.



Mel Wendell, Ken Raynor (George Bush's golf & fishing partner) and Neil Wendell



Andy Langlois, John Coffey and Scott Reynolds



The Quechee, VT Connection - Ken Glick, Mark Fuller and Ken Lallier

How well do you know your irrigation system?

by Bob Healey,
ASIC Irrigation Maintenance
and Service, Natick, MA

There are many types of irrigation systems in operation today in our area. Ranging from hose connections, quick coupling valves, single row, double row, single head in the center of the green, to "state-of-the-art" computer controlled systems. Regardless of the type you have, all irrigation systems operate with one basic goal...replenish the necessary required water for health turf.

The following five basic questions will give you an idea how well you know your irrigation system.

1. Do you know the precipitation rate (Pr.) being applied to your 18th green? yes/no

2. Do you know the Pr. being applied to your 1st tee? yes/no

3. Do you know the "intake rate" on your 18th green and 1st tee? yes/no

4. Do you know the average monthly evapotranspiration rate (ET) in your area? yes/no

5. Do you know the "field capacity" of the soil in your greens, tees, and fairways? yes/no

Take a moment to define some of these basic terms:

IRRIGATION - to supply water by artificial means.

EVAPOTRANSPIRATION - the sum of transpiration and water evaporated from the soil.

TRANSPIRATION - the process by which plants consume water.

EVAPORATION - the direct loss of water from the soil surface.

PRECIPITATION RATE - the rate of water application (in/hr).

INTAKE RATE - the soil's ability to take in water during the water application period (in/hr).

FIELD CAPACITY - the amount of water a soil profile will hold against drainage by gravity (usually 24-48 hrs.).

Hopefully, you were able to answer yes to all five questions. If you did, you're well on the way to understanding your irrigation system. But, if your answer to any of the questions was "no", I hope to convince

you that the "no" answer should be unacceptable to a professional in turf management.

Questions 1 and 2 deal with Precipitation Rates (Pr.). Factors governing Pr. are sprinkler spacing and gallons per minute (gpm). I have witnessed, on an area golf course over 18 greens, Pr. ranging from 0.2 in/hr to 2.0 in/hr. Consider an irrigation schedule calling for 30 minutes of watering per night. One week of watering would result in an application range of 0.7 in/week to 7.0 in/week. Thus one green, on the same golf course, receives ten times the water each week. Not a healthy situation for the greens in question.

Question 3 deals with Intake Rate. Determination of safe intake rates for soils is one of the most important considerations in planning an irrigation system. The intake rate is governed by the conditions of the soil surface and physical characteristics of the soil. These range from course sand 0.75 - 1.00 in/hr, fine sandy loam 0.35 - 0.50 in/hr, to clay loams 0.10 - 0.30 in/hr.

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Other factors which affect the intake rate include the permeability of underlying layers in the soil profile, air entrapment, water table, hardpan, and the initial moisture content of the soil.

Using the previous case of the Pr. of 2.0 in/hr, being applied to fine sandy loam with an intake rate of 0.35-0.50 in/hr, watering for 30 minutes will cause one inch to be applied to soil that is only capable of accepting 0.5 in/hr; four times the water applied as can be accepted. Resulting in surface run-off, puddles, wasted water, pump time, energy, money, and additional maintenance problems with the green. The other extreme of 0.2 in/hr Pr. results in water application of half the amount of the soil intake. Requiring excessive run time for the pump to apply the necessary water.

Question 4 deals with Evapotranspiration Rate (ET). ET rates available for a regional area are based on a formula using the average of long term weather data. While this does not include all variables, it is considered reliable for estimating water requirements. Most charts that are available are broken down by month.

EXAMPLE: Boston area

	MAY	JUNE	JULY	OCT.
rainfall	3.23"	3.17"	2.85"	3.33"
ET	3.37"	4.95"	6.18"	2.05"
difference	.14"	1.78"	3.33"	1.28"

Thus using July as an example in a "typical average" year, you will need to supply 3.33 in. of water to the turf to balance the difference between rain and the ET. This is helpful in suggesting guidelines and goals for your irrigation scheduling. (Irrigation systems should be designed to deliver the necessary water assuming no rainfall.)

Question 5 deals with Field Capacity.

The field capacity is greatly influenced by the particular soil profile. When the field capacity is met, any additional water will cause surface run-off, puddling, or drainage beneath the root level and thus wasteful application of water.

The more complete understanding you have of your soils in general, the better your position to manage your irrigation system in order to obtain the maximum benefits from proper soil moisture control.

Summarizing, a cognate understanding of precipitation rates, intake rates, evapotranspiration, and field capacity give the superintendent better knowledge of his irrigation system. There is more to irrigation than just setting the clocks for 15-20 minutes a night before you leave for the day. What you do not know, in this case, is hurting you in water, pump, electric costs, and maintenance problems.

DIVOT DRIFT ...announcements...educational seminars...job opportunities ...tournament results...and miscellaneous items of interest to the membership.

ATTENTION MEMBERS

All members will be receiving a mailing with self-sticking labels inside. These stickers should be added to your 1990 Directory to update it for 1991. Special thanks in helping prepare these labels go to Alan Cumps of Scott's Proturf, who helped type them; and to my owner Alden Johnson, who had them printed on his computer, which produced the self-sticking labels. Alan and Alden helped save our Association some money because of their hard work and the use of their computer systems.

Also, all members please keep in mind to save your blue tags from seed you purchase. These are worth \$.50 each for our Association. The bentgrasses are Penncross, Pennagle, and Pennlinks. Rye grass, blue grass, and some fescues are also worth saving.

Bob Ruszala
Membership Chairman

APPOINTMENT

At the special Board of Directors meeting on April 1, 1991, the Board appointed Edward Brearley to the position of Vice President. He will be filling the unexpired term of Charles Passios, who has resigned. The Board subsequently appointed Bob DiRico to fill Ed Brearley's term as Trustee and appointed Jim Fitzroy to the position of Golf Chairman.

INFORMATION

Dave Schermerhorn of Turf Specialty and his wife Cindy are proud parents of a new baby boy, Nathaniel

Mark Klimm, formerly of Bally Meade C.C. is the new superintendent at the Ridge Club.

Rob Donovan is the new superintendent at Glen Ellen C.C., Millis, MA.

Joe Eckstrom is the new superintendent at South Shore C.C.

Tom Brodeur, formerly of Essex C.C., has moved to Chicago to take over at Chystal Tree Golf and C.C.

Jim O'Kelly has taken a superintendent position in Westchester County, New York.

The new superintendent at Essex C.C. is Pat Krikseonaites, formerly of Rochester C.C., NH.

MEMBERSHIP

Proposed New Members: Brian J. Gibbin, Regular Member, Lakeville C.C.; Eric Brown, Regular Member, Easton C.C., Easton, MA; Dino Frigo, Regular Member, Veteran Golf Course, Springfield, MA; Russell C. Tarr, Regular Member, Wenham C.C., Wenham, MA; James Perez, Regular Member,

East Mountain C.C., Westfield, MA; Ed Uhlman, Jr., Westboro C.C., Westboro, MA; Stephen Gunning, Associate Member, St. Mark's G.C., Southboro, MA; Michael Shockro, Regular Member, Attleboro, MA; Gary Dulmaine, Regular Member, Maplewood Golf Course, Lunenburg, MA; and Richard Derby, Assistant Member, Longmeadow C.C., Longmeadow, MA.

Welcome New Student Member: Thomas DiFonzo, University of Massachusetts.

Welcome New Friends of the Association: Soil Modifying Systems, Salem, NH; Tee and Green Sod, Inc., Exeter, RI; and AA Will Materials Corporation, Stoughton, MA.

Welcome New Affiliate Member: Mark Secore

Welcome New Assistant Member: Matthew Crowther

TOURNAMENT RESULTS

GCSANE opening Scramble results - April 29, 1991, Kernwood C.C. - Winners at 10 under par 60 are Larry Anshewitz, Lenny Blodgett, Dick Young, and Jim Reinertson.

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