



THE NEWSLETTER

Golf Course Superintendents

Association OF NEW ENGLAND, INC.

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June 1998

Leading the MGA through 30 years, Dick Haskell can “remember when”

Like the popular feature found within these pages, Dick Haskell can “Remember When”.

Like when his beloved Massachusetts Golf Association (MGA) had a relatively piddling 130 member clubs. And when he was holed up in a one-man office on Milk Street in Boston as the MGA’s executive director. When golf was a privileged pastime, unnoticed by the masses. And when the golf course superintendent was fighting a losing battle trying to establish stature and gain recognition.

Alas, Dick Haskell could go on and on and kick over the ashes of a now burgeoning sport where his input has been an integral part of golf’s zooming popularity at the local and national levels.

Haskell retired as the MGA’s top honcho at the turn of 1998 after 30 years of directing the association’s impact on the state’s golfing populace. He likes to say he was the first “non-Corcoran” to take over the MGA’s fortunes and future.

That was 1969, when he succeeded Bill Corcoran as MGA executive director. Before then a “slew of Corcorans” ran the MGA office.

“I like to characterize myself as the man who came to dinner and stayed around to serve dessert.”

***Dick Haskell
Mass. Golf Association***

It’s no coincidence that Haskell was the man in charge when golf took off like a rocket after he immersed his fertile mind in the administrative doings of the MGA. A few years before, he was associated with another liftoff of sorts as part of the team that launched the highly regarded periodical, Sports Illustrated. So Dick was blessed with a productive pedigree.

“It was more like being in the right place at the right time,” Haskell underestimated his presence on the MGA scene. “I like to characterize myself as the man who came to dinner and stayed around to serve dessert. True, I came to the MGA just when golf was spreading its wings. But once we were flying high, I kind of liked it up there.”

Haskell was in on the ground floor all right. When he took over from Bill

Corcoran, there was that cubbyhole of an office in Boston and only 130 member clubs on the MGA rolls. Today, the MGA shares administrative offices with the Golf Course Superintendents Association of New England, has an eight-person staff, and has 310 member clubs in the fold.

“Golf’s growth in our areas has been incredible,” Dick noted. “Just in our championship series alone, why, we’ve doubled our Mass. Open entries from 300 to 600 and the state amateur list has more than tripled to over 1,000 entries. We’re really a business nowadays. When you’re talking numbers, consider that we have more than 85,000 golfers on our handicap system. But it’s not just here. Things are booming all over the country.”

If there is one area that brings joy to Haskell’s face and rippling rhetoric to his lips, it’s the spiraling reputation of the golf course superintendent. Dick’s had input along those lines, too.

Haskell has made it his business to help build a solid relationship between the MGA and the GCSANE. “It’s been a two-way street,” he remarked. “The MGA has been good for the supers and the supers have been good for the MGA. In fact, of all the administrative parts that make golf tick, I think the superintendents have upgraded themselves to the mainspring. They’ve made strides that have brought them to the top of the heap.”

All those accolades came quickly, said Haskell. “I have to give much of the credit for bringing superintendents and the MGA

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together to one of the best superintendents ever, Guy Tedesco," Dick said. "Not too many people realize it, but Guy was instrumental in creating a bond between the two associations. He was so effective in that light that he became a member of our executive committee in 1977. He got everything going."

Tedesco, who passed away several years ago, was an enthusiastic, enterprising golf course superintendent who shot to the top of his profession and beyond. He was one of the first, if not the first superintendent, to become a country club general manager and eventually operations director of many golfing ventures.

"Once Guy opened the doors, the superintendents were on their way," Haskell told. "In 1982 Brian Cowan started a succession of strong GCSANE presidents who became MGA executive committee members . . . and voting members. Now, it just goes on and on with more meaningful results."

The superintendents also have become important fixtures at the MGA Spring

GCSANE News

GCSANE board creates affiliate liaison position

The Board of Directors of the GCSANE recently created the position of Affiliate Liaison to the board. The liaison position establishes a direct link to the board of directors to inquire, discuss, introduce, or question ideas/thoughts that affiliate members have regarding the GCSANE.

The liaison position will be as useful and effective as the affiliate members want or allow it to be. In accepting this position, I've agreed to become the sounding board and channel from the affiliate membership to the board of directors. I ask the affiliate members only one thing in return. Please become involved!

Please feel free to contact me directly anytime by phone or at meetings. To paraphrase an old saying, "The only dumb question is the one not asked."

Also understand that all inquiries and questions are held in strict confidence. Individuals or companies will not become the issue, only their questions or ideas. Bob Healey, I.M.S (508) 653-0625, Affiliate Liaison.

Conference, an annual golfing showcase for administrative people. Haskell reports that every conference has some phase of golf course maintenance as one of its featured subjects, more evidence of the strengthening bond between the two organizations.

"I'm proud to be part of the good working relationship we have with the supers," Dick remarked. "There's no question the supers have been a big help to us in many ways. We never run a state championship without consulting the supers. They go overboard setting up courses. They're on the spot, too, but they come through in a big way. That's not only on the state level. They've been outstanding when it comes to hosting a national event. They've established a tradition of excellence in their work."

Nowadays Haskell still makes it to the MGA office (7:30 starting time) to work on a couple of projects: the association's magazine, and a history of the MGA scheduled for delivery at its 100th birthday in the year 2003.

"This (golf) has been a wonderful life," Dick added. "I've met so many nice people along the way. The company you keep makes a big difference in your lifetime. So, the superintendents have made a big difference in my 30 years on the job. I don't know what I would have done without them."

GERRY FINN

Calendar

- | | |
|--------------|---|
| July 20 | GCSANE Monthly Meeting
Joint Meeting with
Golf Course Managers
Association of Cape Cod
Marshfield Country Club
Marshfield, Mass.
Supt. - Robert A. Matthews, CGCS |
| August 3 | GCSANE Monthly Meeting
Supt./Club Official Tournament
Framingham Country Club
Framingham, Mass.
Supt. - David Clement |
| September 22 | GCSANE Monthly Meeting
Joint Meeting with RIGCSA
Country Club of New Bedford
New Bedford, Mass.
Supt. - Brian Giblin |
| October 5 | GCSANE Monthly Meeting
Joint Meeting with N.H.
Vesper Country Club
Tyngsboro, Mass.
Supt. - Bert Frederick |

The Super Speaks Out

This month's question:

What kind of grub control program do you follow, and how is the program holding up?

Joe Langley, White Mountain Country Club: "We're a daily fee public course, and we have to juggle two approaches to solving a problem. First, we have to consider keeping the cost of all turf treatment, etc., down. Second, we have to consider spending enough money to keep our course in top condition in order to meet the increasing competition for green fees in this area.

"Under a former owner, we made judgement calls on making my grub control program a year-to-year effort, or one that happened as needed. It was either a preventive approach or an all-cure approach. Most of the time, then, we'd spray one year and skip the next.

"Now, with a new owner having taken over (the Friel family), we're going preventive. In fact, it's almost mandatory because of new courses popping up around us, and frankly, looking to lure our golfers to theirs.

"So, my program has become a steady spraying from year to year. I've had success with a product called Merit which is a nicotine-based insecticide, and very popular. However, there are other similar products that have been effective, too. But for the present I'm sticking with Merit. This is my third straight year with it, and the grubs are under control.

"Of course, using one certain chemical isn't the fix-it solution unless the timing and application are right. I've found that the ideal time to use grub control chemicals is late August or early September.

"There is another part of my program that's also important to the overall view of grub damage. In addition to the regularly planned treatments, I also do spot applications. If this occurs, it's usually in late spring when grubs eat plant roots, and brown spots show up on the surface. In that case I treat the areas as the problem happens. Again, this has proven effective.

"In our scheme of things in a competitive area, playing conditions have to be better than the next guy's. Therefore, despite the expense, grub control has become a priority with me, and on a regular basis."

Dave Stowe, Sterling Golf Management: "I guess you'd call our grub control program an "attack" situation. In other words, we treat certain areas where there have been signs of grub activity, and shy away from blanket applications.

"Our approach is to monitor areas where we have had grub damage in the past. We do this, starting around the Fourth of July, and take samples from suspected areas. Once we determine just where the grub action is, say sometime in early August, we go into the attack mode with our chemicals.

"There's usually a new batch of beetles (grubs) every year, but there have been times when we saw no evidence of their hatching. As an example, we didn't have any spraying last year (1997).

"When we do decide to spray, we use Merit. I'm not trying to endorse any one product here, but that one has proved effective for us at Newton Commonwealth and Chelmsford. I have to add that there are certain chemicals on the market that insects (grubs) adapt to.

"Regardless, we rely on one chemical or another to kill the grubs. But we do the controlling on a spot basis. Also, we don't bother with the roughs. We leave them alone and concentrate on the fairways. As for results, so far so good."

Peter Lund, Rhode Island Country Club: "The intensity and technical approach I take in grub control is based on experience and documented evidence from other superintendents.

"That's why we're changing chemicals this year, which, incidentally, I expect to be a very active one, at least here, where the grubs will be coming in higher numbers because of a mild winter. Experience tells me that the milder the winter, the bigger the summer grub population.

"The chemical change is based on the theory that if you use one product exclusively two years in a row, results diminish from the previous year. So, because we used Merit last year, we're switching to Mark I this year.

"My grub control plan starts with a reading of my irrigation map, where I pencil in lines where we've had grub problems in the past. I concentrate on those 'hot spots' and monitor other places. The hot spots usually are located in higher, drier places. They seem to be the favorite hangout places for the grubs, which apparently prefer dry sod to live in.

"Actually, we wouldn't have much of a problem if skunks, groundhogs, and other grub-loving varmints didn't have their dinners on our fairways, where they don't clean up after themselves. If only they replaced their divots!

"Anyway, when we determine where the grub damage will be surfacing, we let loose with our chemicals. There isn't really one best time to do the applications because grub life cycles may vary. But June and July seem to be the grub hatching months, and that's when we hit them.

"This approach has been successful, especially since we give the treated areas a solid drenching with water after each application. To me, that's they key to getting the chemical to the grubs as soon and as effectively as possible.

"This year I'm expecting grubs galore and Mark I will be my ammunition to keep damage down. Next year? We'll see what happened when we assess the grub war of 1998."

GERRY FINN

"Actually, we wouldn't have much of a problem if skunks, groundhogs, and other grub-loving varmints didn't have their dinners on our fairways, where they don't clean up after themselves. If only they would replace their divots!"

**Peter Lund
Rhode Island Country Club**

Research Report

1997 Turfgrass Nematode Studies: Part IV & V

Robert L. Wick
and Truth Nissenbaum,
Department of Microbiology,
University of Massachusetts

Acknowledgments: I thank the Golf Course Superintendents Association of New England and Abbot Laboratories for financial support. Also, thanks to cooperators Mike Fontaine and Russell Peck.

A note about the statistics: Nematodes are not evenly distributed in the soil. This means there is a lot of variability in populations when soil samples are examined. To minimize variability, composite samples are taken from each plot, and the treatments are replicated five times. Despite these precautions, large differences in numbers from one treatment to the next may not prove to be statistically different. It may be that the treatment had an effect but it could not be proven by statistics. However, large differences from treatment to treatment could also be due to chance (unequal distribution) rather than from treatment.

Evaluation of DiTera Soil injections for Managing Nematodes in Turf, 1997:

A putting green in Northfield, Mass. was chosen for this study because of a high population of lance and stunt nematodes. Topdressing over the years resulted in approximately 4" of sandy soil. Mechanical analysis of the top 4" showed it to be 72% sand, 24% silt, and 2.9% clay. USDA criteria classify this soil as a coarse sandy loam. Some 25 plots, 6' x 6', provided five replications for five treatments. Three DiTera treatments were injected into the turf on June 3. Injection was carried out with a Rogers Root Zone Injector, which

delivered solution at approximately 5,000 lb./sq. in., to a depth of 4-8". Three DiTera treatments applied/1,000 sq. ft. were: 0.58 lb. formulated product, 1.16 lb. formulated product, and 0.58 lb. formulated product which received a second 0.58 lb. on July 14. A single treatment of Nematicur, 2.3 lbs./1,000 sq. ft., was applied June 6. Five plots served as untreated controls. All plots received approximately 0.5" irrigation following Nematicur application. For nematode assays, 10 subsamples per plot were collected with a 1" soil sampling tube to a depth of 4", and bulked. Nematodes were recovered by wet sieving/sugar flotation and identified to genus. The data was subjected to analysis of variance and test of LSD.

The season provided excellent growing conditions for turfgrass. There were no differences in turf quality among the treatments. Nematicur suppressed ring, lance, and stunt nematodes, but by the last collection date, nematode populations had risen in this treatment (figures 1, 2, and 3). DiTera did not significantly reduce nematode populations, but with the 1.16 lb. rate, ring tended to have a reduced population. The two lower treatments rates of DiTera resulted in a lance

population that was higher in August than the control. Injection of DiTera into soil at the above rates did not effectively reduce populations of ring, lance, and stunt nematodes.

1997 Turfgrass Nematode Studies: Part V of VI

Acknowledgments: I Thank the Golf Course Superintendents Association of New England for financial support. Also, thanks to cooperators Al Comeau and Paul Doherty.

A note about the statistics: See above.

Evaluation of Neo-Trol for Managing Nematodes in Turf, 1997: A putting green in Barnstable, Mass. was chosen for this study because of a high population of lance and stunt nematodes. Mechanical analysis of the top 4" showed it to be 89% sand, 8% silt, and 3% clay. USDA criteria classify this soil as a sand. Some 25 plots, 6' x 6' provided five replications for five treatments. Neo-Trol was applied by sprinkling the dry material on the plots. Neo-Trol treatments were: a single label rate of 5.27 lbs./1,000 sq. ft. on May 2, five successive label rate applications on May 2, June 18, and July 25, August 28, and October 2; and double rate applications following aeration on May 2 and August 19. The conventional nematicide treatment was a single application of Nematicur at 2.3 lbs./1,000 sq. ft. applied May 2. Five plots served as untreated controls. All plots received approximately 0.5" irrigation following the May 2 treatments. Neo-Trol treatments applied after May 2 received a light irrigation. For nematode assays, 10 subsamples per plot were collected with a 1" soil sampling tube to a depth of 4", and bulked. Nematodes were recovered by wet sieving/sugar flotation and identified to genus. The data was subjected to analysis of variance and a test of LSD.

The season provided excellent growing conditions for turfgrass. There were no differences in turf quality among the treatments. Nematicur suppressed ring

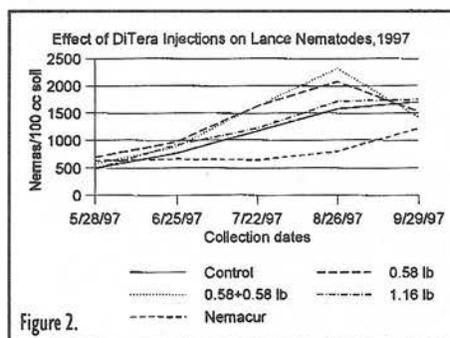


Figure 2.

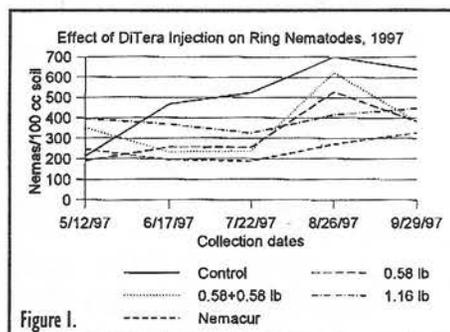


Figure 1.

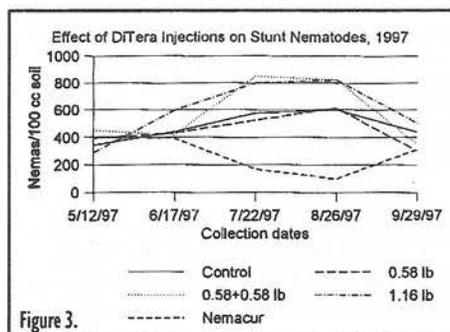


Figure 3.

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GCSANE 75th Anniversary Committee report

On the night of February 25, 1924, at Cottrelle's Restaurant in Boston, 41 people got together, adopted a constitution, elected officers, and formed The Greenskeepers Club of New England. At that first meeting, 23 members signed up.

Today, as we approach the 75th anniversary of that event, the Golf Course Superintendents Association of New England boasts 630 members. The 75th Anniversary Committee is in preparation to honor accomplishments and memories of past members, to acknowledge continuing efforts of present members, and to create a legacy for future members. To do this we need your help.

Our association is very fortunate that the founding members and boards thought enough about the "club" to develop *The Newsletter*. The premier issue was published in May, 1929.

The association file has copies of most past issues. As part of 75th anniversary planning, files are being reviewed and copied. To date, issues from May 1929 through December 1970 have been copied. The committee will be asking members to review their files for missing issues in future editions of *The Newsletter*.

Presently the 75th Anniversary Committee is holding initial meetings to develop and expand event(s) to commemorate this anniversary. The committee will continue to update members at monthly meetings and through *The Newsletter* of progress and plans. The committee will need and ask for help from members to complete this task.

The Committee asks, especially of long-term members and retirees, to look into their files for the following items:

- Copies of National Association meeting programs/proceedings, held in Boston on February 6-10, 1950 and in February, 1974.
- Copies of the program of the 50th Golden Anniversary of the GCSANE, at Lantana's Restaurant, Randolph, Mass., in 1974.

Additionally, any old photographs you might have that we can use (please be sure your name and address are on the back of each photo). The committee is investigating the production of an historical journal. In particular we would like photos of the following:

- members, present and past, young and old
- equipment
- maintenance facilities
- club houses
- golf course construction/renovations, etc.
- golfers; past and present USGA, PGA, MGA, LPGA, WGMA, and NEPGA events
- other related items

Especially beneficial would be any memories you would like to share. Just drop us a line or memo. We may follow up with an interview.

The committee has established a goal to create an event(s) culminating in "a night to remember". We welcome any ideas or thoughts you might have in helping develop plans and events.

Highlights of past issues of *The Newsletter* will be appearing throughout the next 18 months in The Newsletter.

Any and all members who have thoughts, ideas, or questions, please feel free to contact any member of the 75th Anniversary Committee. We will welcome any and all members who would like to join the committee.

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Respectfully yours,
 Bob Healey, I.M.S., (508) 653-0625
 Chairman, 75th Anniversary Committee

GCSANE News

Remember When?: GCSANE's past

Remember when? looks at significant events and individuals of GCSANE's past.

25 years ago

The association thanks Manny Francis (senior and junior) for the fine time they provided the GCSANE for its first outdoor meeting of the 1973 season in May. This meeting will be remembered as one of the best because of the top playing conditions and other amenities at Green Harbor.

Golf results included: low gross - Dave Barber (74); and low net - Paul Jones, Pete Costa, Ron Kirkman, & Al Auger (71).

Applications to be voted upon at this month's meeting at the International G.C.: Mark Taylor, associate membership, Amesbury G. & C. Club; and James Fitzroy, associate membership, Pleasant Valley C.C.

15 years ago

Golf chairman Steve Murphy should be congratulated for getting handicap cards for all members. To the best of anyone's knowledge, this is the first time we have had legitimate handicaps. Steve says much credit for bringing handicaps up to snuff should go to Dick Haskell and Dick Crosby of the MGA, who had a heavy hand streamlining the handicap situation.

The ninth annual Turf Field Day at UMass proved very successful, with speakers enlightening a large number of

participants from the GCSANE. Among them were J.M. Zak, Joe Troll, Pat Vittum, and Bill Torello. The featured speaker of the field day, staged at Mt. Sugarloaf, was Jim Snow, director of the Northeast Region, USGA Green Section.

5 years ago

Benevolence/Scholarship Fund chairman Jack Hassett received confirmation from the Wachusett C.C. for Aug. 24, at which time a Memorial Golf Tournament will be conducted. GCSANE member Don Marrone, superintendent and owner of Wachusett, has for a long while wished to establish a memorial event to remember and honor our profession's deceased benefactors. The event will serve as a fund raiser for GCSANE. Proceeds from this tournament will be donated to the Benevolence Fund. Don plans to make his golf course and clubhouse, along with carts and mid-afternoon dinner, available to approximately 145 golfers at no cost to the association, a magnanimous gesture.

Thanks to the people at the Thomson C.C., especially home super Dave Kahrman, for a great meeting day. Among winners of a two-man point system event were Brian McCarthy & Matt Crowder, Dennis Friel & Pat Kriksceonaitis, and Max Meirzwa & John Hyduka.

GERRY FINN

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

MEMBERSHIP

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INFORMATION

Tree Bytes: A New, Multimedia, Interactive CD-ROM Fact Sheet Compendium. The UMass Extension Landscape, Nursery, and Urban Forestry Program has recently introduced *Tree Bytes* to the Green Industry in the Northeast. This CD-ROM was designed to contain the insect, mite, and disease pests found in the Northeast; be easy and fun to use; and accompany information with multiple, high quality color photos. This edition contains over 150 fact sheets and 750 photos. The same CD works on Apple and Windows 95 platforms (it will also work on Windows 3.1, but at some loss in quality). This first edition does not allow for text printing, but work is currently being done to produce a notebook of the fact sheets contained within the CD.

This CD was carefully thought out and contains virtually all insect, mite, and disease pests of concern on trees and woody ornamentals in New England, New York, and a little beyond. All fact sheets can be rapidly accessed by single clicks of the mouse. There are labeled photos showing pests and their injury, pop-up definitions of scientific terminology, and countless links that allow the user to quickly contrast and compare similar species. Also, there is a very powerful search capability within the CD that allows the user to rapidly search all fact sheets by using common or scientific names of either the pest or plant species. Any other key words can be searched as well.

In recent demonstrations for the Green Industry, many professionals not yet comfortable using a mouse or keyboard found themselves navigating confidently through the CD-ROM fact sheets in less than two minutes. *Tree Bytes* is targeted at students in the classroom and Green Industry professionals in the field to establish timing for management strategies. It can also be used to show

clients (via a laptop computer) exactly what the problem is and how it should be managed.

Tree Bytes acts as a companion to the annually updated *New England Recommendation Guide for Insects, Diseases, and Weeds of Shade Trees and Woody Ornamentals* from UMass Extension for those seeking the most current and legal chemical management strategies.

Tree Bytes and the *New England Recommendation Guide* can be purchased by calling the Bulletin Distribution Center at 413-545-2717. The cost for *Tree Bytes* is \$60.00; the *Recommendation Guide* is \$20.00. Checks, VISA, and MasterCard are accepted. Contact Bob Childs at (413) 545-3208 for further information.

Selecting a Sample for Diagnosis of Turfgrass Diseases. A 4-6" sample from the "leading edge" of a problem is most useful. Include roots and soil to a depth of at least 2" and foliage showing a range of symptoms. Keep the sample moist and cool, but do not add water or seal tightly in plastic. Wrap the sample in several layers of newspaper and pack it snugly in a sturdy box. If you suspect an unusual problem, take a sample before spraying any fungicides. It is often difficult to make accurate diagnosis after a fungicide has been applied.

Accurate diagnosis requires both a representative sample and sufficient information about the cultural practices and environmental conditions associated with the problem. Obtain a Turf Disease Case History sheet from the Microbiology Dept. Office when you pay the diagnosis fee; no sample will be diagnosed without a completed sheet. For information on diagnosis fees, contact the Microbiology Office at (413) 545-2051.

Information required: Grass species and/or cultivars affected; date of disease appearance; description of symptoms and disease patterns; recent applications of pesticides, growth regulators, fertilizers, and irrigation; weather history including conditions when disease was first observed; any other information that may be significant, such as recent aerification, past history of disease, etc.

Diseased turfgrass samples may be brought to the Diagnostic Laboratory, Rm. 002, Clark Hall, or the Microbiology Dept. Office, N203 Morrill IV North, UMass, Amherst, Monday through Thursday, 8:30 a.m. to 4:30 p.m. Free signed parking is available in the small lot between Clark Hall and the low white building.

You may also send samples via an overnight delivery service. Do not use U.S. mail or "priority" mail because it must go through Campus Mail and may be delayed several days.

Soil samples for nematode assays should be brought to Dr. Robert Wick in 109 Fernald Hall. Call Dr. Wick at (413) 545-1045 (email: rwick@pltpath.umass.edu) for further information on nematodes, including sampling techniques.

For further information about turf disease samples, as well as diagnosis fees, contact Dr. Gail Schumann, Dept. of Microbiology, N203 Morrill IV North, UMass, Amherst, MA 01003; tel. (413) 545-3413; email: schumann@pltpath.umass.edu

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TOURNAMENT RESULTS

Two-Man Scramble, April 27, 1998 Juniper Hills G.C., Northborough, Mass.

1st Gross at 70 (check that handicap!):
Ron "The Dubber" Dobosz & "Gentlemen" Jim Beam
1st Net at 56:
Robbin "Purple" Hayes & Don "The Hitman" Hearn
2nd Net at 58:
Dave & Norm Mucciarone "The Twins"
3rd Net at 58:
Jack "Flash" Cronin & Bob "Helping Hand" Healey
Closest to the pin #5:
Greg Frederick (Again!)
Closest to the pin #18:
Chris Cowan (#1 R.F. Morse & Sons, Inc. employment prerequisite; 10 or under handicap.)

Special thanks to Dudley Darling, Tom Ackley (CGCS), his staff, and all the people at Juniper Hill. After last year's postponement due to weather, we were able to return and play Juniper Hill G.C.

Team of Two, June 11, 1998 Marlborough Country Club, Marlborough, Mass.

Superintendents Division
1st gross: Joe Piana & Ed Eardley (72)
1st net: Art Silva & Dave Mucciarone (62), match of cards
2nd net: David Stowe & Conor Fitzgerald (62)

Affiliate Division
1st gross: Palmer "TPC/2" Whitney & John "West Coast" Winkowicz (75)
1st net: Mike "Aaaa OK" Cornicelli & Greg Frederick (Pro at Nardone C.C.!) (64)
2nd net: Robin Hayes, Bob Healy (65), match of cards, back to the window for Hayes & Healy!

Special thanks to Ken Crimmings, Superintendent; Jim Armour, General Manager, Mark Klotz, Golf Professional, and all the staff at Marlborough C.C. for their hard work.

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(Larchmont Engineering & Irrigation, Inc. serves you from two locations: 11 Larchmont Lane, Lexington, MA 02173, (781) 862-2550; and 180 Zachary Road, Manchester, NH 03103 (603) 622-8825.)

1997 Nematode Studies

continued from page 4

nematode populations but statistical significance was only seen in the August collection (fig. 1). Nematicur did not suppress cyst or lance, but stunt nematode populations were significantly

reduced. Ring populations were significantly suppressed in All Neo-Trol treatments in the August collection. Cyst, lance, and stunt were not suppressed by Neo-Trol. Excessive label-rates of Neo-Trol do not appear to increase its effectiveness against plant parasitic nematodes.



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