



# THE NEWSLETTER

April 2001

of the *Golf Course Superintendents Association of New England, Inc.*

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

## Dr. Ebdon embraces a regional approach to his UMass turf management research

Like West Point, the University of Massachusetts has its own “long, gray line” in a procession of distinguished and unforgettable educators. Currently falling in line with such turf devotees as Lawrence Dickinson, Joe Troll, and Rich Cooper is Scott Ebdon, assistant professor in the university’s turf management program.

Ebdon has all the fancy academic credentials . . . B.S., master’s, and Ph.D. He complements that bookish background with an appealing sense of humor, highlighted by making light of his contributions to the science he teaches and researches and making fun of himself. In other words, he’s easy to like.

However, these days it’s not all fun and games with Dr. Ebdon. He’s deep into teaching, as art form compatible with his subject knowledge and his personality. He’s also on the loose in the research halls and rooms where he’s busy trying to take some of the mystery out of turf growth and maintenance which is where

his association with golf course superintendents comes into the picture.

“Much of the research data on turf matters have been collected away from our region,” Scott informed. “It is not a knock on that process, but simply a process that was conducted on a national scale. What I’ve tried to do in the area of research and research data evaluation is concentrate on turf-related problems and such in relation to our own region. In some cases this is new to people in our area. But it’s essential that we approach any study from the standpoint of how it affects turf in our own backyard.”

Ebdon schedules his working hours, which are many and spread out over a full week (“For some, weekends were made for partying. For me, they were made for plants,” he spouts.), so they fall into a teach-research-teach-research pattern. Presently, he’s teaching three courses: Introduction to Turf Management, Advanced Turf Management, and Turf Mathematics. He spices that with stints as adviser to the two aid four-year programs as well as graduate students.

Research fills in the remaining time of his day and often his night. Much of that has to do with water use and drought resistance. Sprinkle in a large dose of experimenting with nutrients in solo and combination doses and the professor’s dance card resembles a conga line.

“I guess if you were to sum up the key issues we’re trying to untangle, you’d have to say we’re interested in intelligent application of water, proper mowing, and judicious selection of varieties and species of nutrients,” Scott said of his research

agenda. “I’ve been at this for the last four years. But there are some areas that are new to the program. Therefore we don’t have any viable conclusions yet. Regardless, we’re encouraged by the progress the studies are making. It’s promising.”

Nowadays, Scott’s favorite expression is “understanding interaction.” It takes in experiments based on using combinations of nutrients rather than relying on nutrients on their own.

“We have found that nutrients rarely are applied in combinations in the attempt

*continued on page 2*

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*Dr. Scott Ebdon  
U. of Mass.*

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# THE NEWSLETTER

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*“For some, weekends were made for partying. For me, they were made for plants.”*

**Dr. Scott Ebdon  
 U. of Mass.**

*continued from page 1*

to enhance turf health and extend its survival period,” he explained. “When you use nutrients in different combinations, the result is interactions. We’re studying those interactions and uncovering some interesting results. Nothing is conclusive but those results have encouraged us to continue on this avenue.”

What Dr. Ebdon can conclude is that nutrients act differently when combined with other nutrients. Whether some kind of positive reaction brings some new turf-building, turf-saving product remains the secret of ongoing experiments, some funded by a grant from the New England Regional Turfgrass Foundation.

Scott finds a lot of time to join the golf course superintendents in their quest for ideal playing conditions. “I’ve had many calls from those guys,” Scott told. “Prolonged snow and ice cover have caused them to be overly concerned about impending damage. I try to ease their concerns. Most grasses can survive long periods of snow cover. I aid them in identifying problems. I also drum into them the fact that even though grasses might be dormant, crown tissues are still alive. But I also realize a tough winter signals the potential for turf problems.”

Turf problems have been in Dr. Ebdon’s craw for many years. In fact, a comparison of his father’s and a neighbor’s lawns pointed him in the direction of turf management study. “Yeah, I was just a kid,” he noted. “The neighbor’s lawn was beautiful. My father’s was horrible. Definitely neglected. And I wondered, ‘how come?’ That’s when the seed was planted.”

Eventually, Scott wound up at the University of Connecticut. There in his

junior year he learned the school offered a degree in turf management. He switched to that, earned his master’s degree at Rhode Island, then took a turn at the work world (Tru-Green) before returning to school and his Ph.D. at Cornell. He did another work trick (Scotts) before taking his present post at UMass in 1995.

Now he thinks of himself growing long in the tooth, noting “I like teaching because it keeps me young. My students are great. They keep me young. When I wake up in the morning, it means I’ve had a good night!”

See? I told you you’d like him.

**GERRY FINN**

## CALENDAR . . .

- April 23 **GCSANE Monthly Meeting**  
 (Joint meeting with R.I.)  
 Blue Hill C.C.  
 Canton, Mass.  
 Supt. - Vincent Iacono
- May 8 **Scholarship & Benevolence Tournament**  
 Marlborough C.C.  
 Marlborough, Mass.  
 Supt. - Ken Crimmings
- June 20 **GCSANE Monthly Meeting**  
 Hickory Ridge C.C.  
 Amherst, Mass.  
 Supt. - Robert Ruzsala
- June 20 **UMass Turf Research Field Day**  
 South Deerfield, Mass.  
 Contact:  
 Mary Owen - (508) 892-0382
- July 17 **GCSANE Monthly Meeting**  
 Pine Ridge C.C.  
 N. Oxford, Mass.  
 Supt. - Robert Larson
- August TBA **GCSANE Monthly Meeting**  
 TBA
- Sept. 10 **GCSANE Monthly Meeting**  
 Superintendent / Club Official  
 Winchester C.C.  
 Winchester, Mass.  
 Supt. - Daniel Higgins, CGCS
- Oct. 10 **GCSANE Monthly Meeting**  
 Joint Meeting with Cape Cod GCSA  
 Pocasset G.C.  
 Pocasset, Mass.  
 Supt. - Steve Carr
- Nov. 5 **GCSANE Monthly Meeting**  
 Annual Nine-Hole Meeting  
 Amherst G.C.  
 Amherst, Mass.  
 Supt. - Carl Teschke

# The Super Speaks Out

## This month's question:

*Are you on a plant growth regulator program, and how do the results shape up?*

### Ed Gianni, Ridder Farm Golf Club:

"We're at the end of a three-year growth regulator program and I couldn't be happier with the results.

"In fact, I'm probably one of the biggest boosters of regulator use since our program takes in tees, fairways, aprons, and greens. That's how much I believe in the process.

"Obviously, regulating growth cuts down on mowing. However, I don't rely on it as a budget-shaving factor in my maintenance planning. I'd say the mowing reduction is nothing more than a by-product of the program.

"Early-on, using regulators, I noticed that they improved the lateral growth of the plant, which made for a tighter grass, stronger, and a step closer to being virtually foolproof safe from fatal disease.

"Ridder Farm greens are a 60/40 makeup of bent and poa. The regulators reduced seed head products on the poa

*"Early on, using regulators, I noticed that they improved the lateral growth of the plant, which made for a tighter grass, stronger, and a step closer to being virtually foolproof, safe from fatal disease."*

**Ed Gianni**  
Ridder Farm G.C.

and contributed to a situation where we developed a stronger strain of bentgrass.

"There are several brands of growth regulators on the market, but I've been using Primo from day one. I just have a lot of faith in this product. When I apply it, I go away with a no-worry feeling. I just feel safer using Primo, and over the three-year period there has been no yellowing effect on the plants.

## THE SUPER SPEAKS

"So, Primo and growth regulators have become a staple around here. After my experience with the process . . . and I did it on my own . . . I think our grasses have improved, are stronger, and require less water. It's on my agenda now and over the long haul."

### John LeClair, Warwick Country Club:

"I'm an advocate of plant growth regulators and the only brand I've ever used is Primo. The reason I haven't tried any other regulators is the consistency I get from Primo. Its effectiveness has caused me to stay with it until it fails me. I'm not knocking the other brands, and they could be good. But I feel that once you've had ongoing success with a product there's no sense changing to another.

"I have a regular feeding schedule. I apply the regulator about every six weeks and base the overall schedule on conditions. When I first tried a regulator I got results within 10 days. It slowed down normal growth and then allowed me to adjust my application rates as the plants reacted to the regulator.

"I'm a little restricted in the scope of regulator use. Right now I'm using it on greens and fairways. I've shied away from using it on the tees because we have smaller than normal sized tee boxes. Our tees take a beating so the increased grass growth prolongs the tees from a cosmetic standpoint.

"The places where we use Primo promote reduced mowing and it has become an economic tool for me. I take advantage of it on the practice range, too. Since reliance on regulators, I've been able to cut down on mowing on the practice field to only twice a week.

"There has been some yellowing of plants at Warwick and this requires me to rely on my judgement as to the frequency and amounts of regulators to be applied. There is an aesthetic effect here and I bow to its presence by giving the plants a shot of liquid fertilizer. This masks the yellow and eventually brings the color back up to snuff.

"Regardless of that side result, and it's really not that dramatic, the regulator method has given me some control over the turf. In the process our greens and fairways have shown marked improvement. All I can say is Primo does the job which makes my job a little easier, too."

### Glen Misiaszek, Shaker Hills Golf Club:

"I'm into my fourth year with regulators and completely satisfied that this is the way to go. Yeah, I'm a Primo man. You just don't mess with success. It's worked for me and our bent-populated plants, so there's no changing anything now. I do my fairways and greens with a little experimenting on the tees. I give the greens one-eighth of an ounce every 10 days and make an application on fairways once every three weeks.

"The positive effects here are more concentrated on overall conditioning rather than economic gains. We still cut the greens every day and cut down on watering. The combination of regulators and judicious cutting has brought the greens up to their best show of consistency ever.

"There haven't been any color changes in the applied areas but the fact that most of the grasses are bent has much to do with keeping an appealing shade of green. Also, I jazz up the application, adding some iron and fertilizer to the Primo.

"The tees are a study in stress tolerance. I'm just starting to use the regulators on them as a sort of experiment. We're mowing them three times a week and watching the results closely. Whatever, our reliance on plant growth regulators is a given. It's been a success story as far as I'm concerned. There's no doubt, plant growth regulators are here to stay."

**GERRY FINN**

# Facts, figures, news, & notes from GCSAA's International Golf Course Conference & Show

Final seminar attendance was 7,616, just shy of the record of 7,903 established last year in New Orleans. A total of 727 exhibitors covered an all-time high of 275,500 square feet of floor space. The unofficial show attendance was 20,584, marking the sixth year in a row that the 20,000 figure had been eclipsed.

## GCSAA NEWS

**Membership Bylaw Amendment Passes.** A GCSAA bylaw amendment requiring additional qualifications for Class A membership passed with 75 percent of the vote at the association's annual meeting. The implementation date for additional qualification is July 1, 2003. To be eligible for GCSAA Class A status, all members will be required to provide proof of a valid pesticide license or pass a GCSAA pesticide examination. In addition, a matrix of formal education, superintendent experience, and continuing education/service points will determine classification. All GCSAA Class A members, as of the July 1, 2003 implementation date, will be grandfathered into their current classification. Beginning on that date, all new and grandfathered Class A members will be responsible for meeting

ongoing requirements. Classification renewal must occur every five years.

**Comparing the Numbers.** How do the Conference & Show attendance totals compare to a decade ago (1991 in Las Vegas)? That year, 16,229 attended, with 591 exhibiting companies and 173,300 square feet of floor space. In 1976, 25 years ago (in Minneapolis), 4,382 attended the event. GCSAA membership topped 21,000 mark for the first time earlier this fall. Membership growth from 1994 (13,300) has been 58 percent.

**Honors:** PGA Tour Commissioner Tim Finchem received GCSAA's highest

annual award, the Old Tom Morris Award . . . Patricia Cobb, retired turfgrass insect specialist, was awarded the 2001 USGA Green Section Award . . . The Michigan State Turfgrass Environmental Program earned GCSAA's President's Award for Environmental Leadership. It was accepted by program director Greg Lyman . . . GCSAA Distinguished Service Award recipients were L.W. "Sonny" DuBose, Jr. (retired from Houston Country Club); Dr. Euel Coats (golf turf weed scientist at Mississippi State); and Arthur Weber (past president of the Met Golf Association).

## Donations, raffle prizes, & golfers needed for Scholarship & Benevolence Tournament

I am pleased to remind all that the GCSANE Scholarship & Benevolence Tournament will be held on May 8 at Marlborough Country Club. It is important that each and every member help this tournament be as big a success as possible. The easiest way to help is to sell as many raffle tickets as possible. If you need more, contact chairman Dave Comee and he will provide them for you.

Another easy way to help is to donate a round of golf for four, with carts, from your course. Encourage your general manager and/or golf professional to help. We also need prizes for the raffle. Ask your golf professional or salesman to help out here.

## FROM THE PRESIDENT

The best way to help is to enter a foursome for golf. If we can sell out this event, we will almost assuredly reach our goal of \$100,000. We need the support of every member, so please get involved.

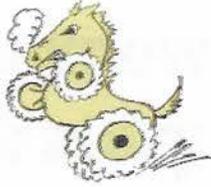
As many of you have noticed, Odyssey Putters and Maxfli Golf Ball companies have produced advertising that shows the golf course superintendent in a negative fashion. As president of GCSANE, I have written both companies about their advertisements and have asked them to stop airing them. In addition, GCSAA has reacted negatively to both companies also. When I receive any response from either company, I will be sure to inform the membership of their reaction.

Sincerely,  
**Bob Ruzala**  
President, GCSANE

## GCSANE officers & committee chairmen for 2001



GCSANE officers & committee members for 2001 are: (front row, l. to r.) Daniel Higgins, James Fitzroy, Robert Ruzala, and Michael Iacono; (back row, l. to r.) Pat Kriksceonaitis, Ronald Dobosz, Robert Larson, Michael Hermanson, David Comee, Sharon Brownell, Arthur Silva, and Russell Heller.



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# Did you know?: Labor laws, Tier II reporting, & respiratory requirements for turf chemicals

by Ron Smith, MBA, CPSI

As we slowly move toward spring there are several items I wanted to briefly address. They are as follows:

- Labor Laws for 16- and 17-year olds
- Tier II reporting
- Respirator requirements for commonly used turf chemicals

### Labor Laws for 16- and 17-year-olds.

At the January meeting of the GCSANE, the topic of using 16- and 17-year-olds as part of the golf course labor force was discussed at the table where I was sitting. Dean Robertson, Kernwood Country Club, was a participant in the discussion and he highlighted the fact that *no one under the age of 18 can legally operate a vehicle as part of their job in Connecticut or Massachusetts, regardless of whether they have their driver's license or not.*

Since that meeting I have contacted both the Connecticut and Massachusetts Attorney General's Offices to verify that restriction (Dean was right on the money!) and to clarify what was included in the definition of "vehicle." Their interpretation of "vehicle" includes any powered equipment that involves riding to operate: cars, golf carts, trucks, utility carts, tractors, and riding mowers.

*No one under the age of 18 can legally operate a vehicle as part of their job in Connecticut or Massachusetts, regardless of whether they have their driver's license or not.*

**Tier II reporting.** Dan Higgins, CGCS, of Winchester Country Club recently contacted me with some questions regarding Tier II reporting. His call made me remember the fact that Tier II reports need to be submitted by March 1. If you have not yet submitted your Tier II

## GOVT. RELATIONS

report, the list of Extremely Hazardous Substances (EHS) associated with that report to is on my website ([www.sportsclubmanagement.com](http://www.sportsclubmanagement.com)).

**Respirator requirements for commonly used turf chemicals.** Several superintendents have asked me to create a list of the commonly used turf chemicals

that require a respirator. To a certain extent that is an impossible request to fulfill as the ingredients of turf products constantly change, either in type and/or volume. These changes can impact the personal protective equipment (PPE) requirements associated with the product. Consequently, applicators should always refer to the label of the product they are using to determine what PPE they should be using.

With that said, I nonetheless have prepared a partial listing of commonly used turf products and their associated respirator requirements. I would like to thank Dave Vibber and Al Sempregon from Ellington Ridge Country Club for their invaluable help on this list.

*continued on page 8*



## Special Membership Offer!

For more information contact the GCSAA Service Center at 1-800-472-7878

To celebrate GCSAA's 75th Anniversary we are offering a special membership dues rebate program beginning **January 1, 2001** and continuing through **March 1, 2002**. During this time, superintendents and assistant superintendents joining GCSAA for the **first time** can do so for just **\$75\***!

In addition to this amazing rebate, you will receive **FREE REGISTRATION** to the GCSAA International Golf Course Conference and Show of your choice!

All of this for just **\$75**

\* Offer limited to superintendents and assistant superintendents joining GCSAA for the first time or those superintendents and assistant superintendents whose memberships have lapsed for at least two years.

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

### MEMBERSHIP

**Welcome New Members:** Mark Lucas, Superintendent, Nantucket G.C.; Jeff Corcoran, Superintendent, Weston G.C.; Michael Poch, Assistant, The Country Club; Seth Silun, Assistant, Kettle Brook G.C.; Donald Conlin, Assistant, Longmeadow G.C.; R. Joseph Inch, Assistant, Nantucket G.C.; Sean Hanley, Affiliate, Stow Acres Golf Properties; TurfLinks, Friend.

**Proposed for Membership:** Thomas Harrington, Superintendent, Indian Pond C.C.; Michael Jordan, Superintendent, The Ledges G.C.; Eric Jones, Superintendent, Middleton G.C.; Stanley Nemerowski, Superintendent, Ragged Mountain G.C.; Joseph Gallagher, Assistant, Tedesco C.C.; Lynn Caringula, Assistant, Peabody Municipal G.C.; Robert Brannan, Assistant, Worcester C.C.; Joshua Bryson, Assistant, The Ledges G.C.; Frederick Tonsberg, Assistant, Indian Pond C.C.; Peter Bruni, Assistant, Essex C.C.; Michael Smith, Affiliate, TPC/Venture Vehicles.

### INFORMATION

**Thank you** to Gary Luccini and the entire staff at Franklin Country Club for hosting the March meeting of GCSANE.

**Victoria Wallace**, formerly with Lofts Seed Co., is now an agronomist with Turf-Seed Inc. and Tee-2-Green Corp.

**Jim Wierzbicki**, formerly with Lesco Inc., is now a sales rep with Simplot Partners.

**Congratulations** to Jack and Brenda Hassett. They welcomed a new baby, Thomas Edward, on April 5.

**We would like** to extend our condolences to Michael Hermanson and family on the recent passing of Mike's father.

### GOVERNMENT RELATIONS

**Maine H.B. 741** would establish criteria for the designation of "critical pesticide control areas" within the state. Individuals or groups would not be able to move into an area of agricultural activity and then later seek a critical pesticide control area designation based on the argument that the prolonged use of pesticides would likely cause harm to the individual or group.

**Massachusetts S.B. 1073** would update the Massachusetts Pesticide Control Act by: (1) establishing a pesticide applicator category for "commercial trainees" authorized to use pesticides under direct supervision of a certified pesticide applicator; (2) allowing pesticide appli-

cators to obtain a certification or license to use pesticide for three years instead of one year; and (3) creating a pesticide review committee responsible for pesticide product registrations, with power to revoke or modify a registration if they felt EPA data was not sufficient to address environmental conditions unique to the state.

**The University of Massachusetts IPM Program** and the state's IPM Council would be required to develop IPM guidelines for golf courses, forestry, and agriculture under H.B. 1252. The department would use the guidelines to develop an IPM certification process for all certified commercial, certified private, and licensed applicators. All applicators would be required to become certified in IPM techniques and use IPM techniques in their jobs by Dec. 1, 2004. The state's definition of IPM, adopted during the 2000 session, relies on a "comprehensive strategy of pest control whose major objective is to achieve desired levels of pest control in an environmentally responsible manner by combining multiple pest control measures to reduce the need for reliance on chemical pesticides."

**Vermont: H.B. 367** would prohibit the application of pesticides and herbicides within 100 feet of the normal mean watermark of any public waters of the state. S.B. 184 would allow local governments to regulate pesticide applications within their borders including the creation of posting and notification requirements for outdoor pesticide applications and the establishment of buffer zones around waters of the state.

### FOR SALE

**1997 Toro 5100-D** with 438 hours and well maintained, \$11,900. For more information, call Martin Ruggiero at (603) 878-0713.

**1990 Toro Vari-Time II** irrigation control system. Contact Henry Coffin, Sankaty Head Golf Club, at (508) 257-6229.

### EMPLOYMENT

**Superintendent.** The Country Club of Billerica is an 18-hole public golf course founded in 1972. The club has 225 active members and produces 40,000 rounds annually. An experienced superintendent or assistant is desired. Applicant must hold or obtain a current Mass. pesticide applicator's license. Salary is commensurate with experience, and includes health insurance and 401(k) that employer matches at 25%. Please send resume to: William D. Ferren, Jr., President, Country Club of Billerica, P. O. Box 598, Billerica, MA 01821-0598; (978) 667-9121, ext. 14.

**Superintendent.** Fore Seasons is a state-of-the-art practice and learning facility with 76 hitting stations, covered and heated stations, 12 target greens, a short game practice area, a greenside bunker area, two regulation par-3 holes, food & beverage service, and pro shop. Individual must hold a current Mass. pesticide applicator's license. A two-year turf school graduate is preferred. Individual must be self-motivated, with a working knowledge of irrigation, drainage, and new Toro equipment. The superintendent will report to the director of operations. Compensation includes salary, 100% paid medical insurance, and a large growth potential. Please send resume to Joe Pustizzi, Fore Seasons Golf Practice & Learning Centers, 306 Whiting Street, Hingham, MA 02043. Phone calls are acceptable at (781) 741-8305.

**Superintendent.** LeBaron Hills Country Club, a new private 18-hole course in Lakeville, Mass., is seeking an individual for the position of golf course superintendent. Interested individuals should currently be a superintendent or first assistant. Salary is commensurate with experience. Send resume to Charles Dickow, LeBaron Hills Country Club, 183 Rhode Island Road, Lakeville, MA 02347.

**Second Assistant.** Wachusett Country Club is a semi-private club located just north of the city of Worcester. Designed by famed architect Donald Ross, the club is in the process of an ongoing master plan renovation. Applicant should have at least a minimum of a winter school certificate in turf management and be willing to obtain a Mass. pesticide license. Compensation includes a highly competitive salary, health insurance, 401(k) plan, paid annual vacation, and on-course housing. Please send resume to Golf Course Superintendent, Wachusett Country Club, 187 Prospect Street, West Boylston, MA 01583.

**Assistant.** Willimantic C.C. is a semi-private 18-hole course with bent/poa greens and rye/poa fairways. Interested individuals should have a degree or certificate in turfgrass management; at least two years of experience in golf maintenance, including crew supervision; a valid Conn. drivers license; and a valid Conn. pesticide applicator's certificate. Duties include course and clubhouse grounds maintenance, pesticide application, irrigation responsibilities, supervisory responsibilities, and assisting superintendent in management of the golf course. Salary is commensurate with experience, and includes life insurance, paid annual vacation, health insurance co-pay, pension plan, dues for local/national associations, and golfing privileges. Send resume to: Kevin C. Balocca, Superintendent, Willimantic Country Club, P. O. Box 645, Willimantic, CT 06226.

# Please Patronize these FRIENDS of the ASSOCIATION

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Gregg Allen - (800) 527-3898

## Aventis Environmental Science

311 Carriage Dr., Kensington, CT 06037  
Acclaim Extra, Banol, Chipco, DeltaGard, Finale,  
ProGrass, ProStar, Proxy, Sevin, Turcam  
David Sylvester - (860) 828-8905

## Bay State Fertilizer/MWRA

100 First Ave., Boston, MA 02129  
Manufacturer & supplier of dry organic fertilizers.  
Kristen Patneade - (617) 788-4437

## Bayer Corporation

118 Ellery Ave., Middletown, RI 02842  
Bayleton, Merit, Dylox, Tempo  
Jim Santoro - (800) 842-8020

## The Borden Company

114 Summer St., Maynard, MA 01754-2216  
Bulk limestone dealer.  
Jack Borden - (978) 897-2571

## Boston Irrigation Supply Company

60 Sturgis Way, Dedham, MA 02026  
Distributor, irrigation supplies & accessories.  
Andy Langlois, J. Anderson III, Ron Milenski  
(800) 225-8006

## The Cardinals, Inc.

166 River Rd., P.O. Box 520  
Unionville, CT 06085-0520  
Golf course and landscape supplies.  
John Callahan, Dennis Friel - (800) 861-6256

## Casey & Dupuis Equipment Corp.

340 Pleasant St., Watertown, MA 02472  
Construction/earthmoving equipment sales  
& rentals; all sizes of job equipment available.  
Paul Casey - (617) 924-7575

## Cavicchio Landscape Supply, Inc.

110 Codjer Lane, Sudbury, MA 01776  
Annuals, perennials, garden mums, ground  
covers, loam, and mulch.  
Darren Young - (978) 443-7177

## Cedar Lawn Tree Service, Inc.

32 Nickerson Rd., Ashland, MA 01721  
Pruning, fertilization, removal,  
and professional care.  
William P. Maley - (508) 881-2622

## Clean Quest

P. O. Box 1102, Southbury, CT 06488  
Distributors of the Landa Water system  
for treating wash water, Safety Storage chemical  
buildings, and Octaflex portable wash pads.  
Steven Burnett, Michael Wende - (800) 521-5585

## Cornish, Silva, & Mungeam, Inc.

207 N. Main St., Uxbridge, MA 01569  
Golf course architects.  
(508) 278-3407

## Country Club Enterprises

P. O. Box 820, Cataumet, MA 02534  
Club Car golf cars, Carryall utility vehicles.  
Dave Farina, Darin Eddy, Darren Orr  
(800) 662-2585

## Country Golf, Inc.

4852 Westchester Dr., Traverse City, MI 49684  
Golf course construction & reconstruction;  
specialists in Donald Ross courses.  
Jerry Deemer - (616) 947-5751

## Dow/Elanco

560 Ashwood Rd., Springfield, NJ 07081  
Bob Scott - (908) 510-5549

## Michael Drake Construction, Inc.

240 Walnut St., Framingham, MA 01702  
Golf course reconstruction; professional shaper.  
Michael Drake - (508) 875-8247

## EZGO/Textron

30 Peace Pipe Terrace, Smithfield, RI 02917  
(401) 419-7409

## F.A. Bartlett Tree Expert Co.

640 Hale St., Beverly Farms, MA 01915  
Complete tree care, landscape design  
& construction, disease control,  
long-range planning.  
Ben Staples - (978) 927-1590

## Gold Star Nursery & Sod Farm

250 West Rd., Canterbury, NH 03224-2127  
Growers of turfgrass and ornamentals  
Malcolm McPhail  
Lexington, MA - (781) 861-1111  
Canterbury, NH - (603) 783-4717

## Green Environmental

216 Ricciuti Dr., Quincy, MA 02169  
Civil engineering, Title V, environmental  
consulting/site assessment,  
above-ground/UST construction  
Glenn Ferguson - (617) 479-0550

## Greeno, Inc.

2352 Main St., Concord, MA 01742  
Tree transplanting, landscape construction,  
and masonry  
Kevin Mulcahy - (800) 439-7244

## Charles C. Hart Seed Co., Inc.

P.O. Box 9169, Wethersfield, CT 06109-0169  
Roy Sibley, Dick Gurski, Robin Hayes  
(800) 326-HART

## Hartney Greymont

433 Chestnut St., Needham, MA 02492-2822  
Tree care, landscape construction, consulting.  
Mark Tobin - (781) 444-1227

## International Golf Construction Co.

5 Purcell Rd., Arlington, MA 02474  
Golf course construction.  
Antonios Paganis - (781) 648-2351;  
(508) 428-3022

## Irrigation Management & Services

21 Lakeview Ave., Natick, MA 01760  
Irrigation consultation, design, and  
system evaluation.  
Bob Healey, ASIC, CID - (508) 653-0625

## Ken Jones Tire, Inc.

71-73 Chandler St., Worcester, MA 01613  
Distributor of tires for lawn & garden, trucks,  
cars, industrial equipment, and golf cars.  
Gerry Jones - (508) 755-5255

## Landmark Construction

P. O. Box 662, Winchester, MA 01890  
Tee/bunker shaping & remodeling, cart paths,  
drainage, tree planting, landscape construction.  
Daniel Champion - (781) 729-3250

## Larchmont Engineering & Irrigation

11 Larchmont Lane, Lexington, MA 02420-4483  
Marc Utera - (781) 647-3361

## Lazaro's Golf Course

Supplies & Accessories  
dba Hammond Paint and Chemical Co., Inc.  
738 Main St., Suite 223, Waltham, MA 02154  
Complete line of golf course accessories;  
Standard, Par Aide, Eagle One.  
Joe Lazaro - (781) 647-3361

## Lesco, Inc.

20005 Lake Rd., Rocky River, OH 44116  
Ron Tumiski, Mike Donohue, Jim Wierzbicki  
(800) 321-5325

## Lofts Seed, Inc.

22 Lantern Lane, Exeter, RI 02822  
Victoria Wallace - (800) 648-7333

## D.L. Maher Co.

71 Concord St., P. O. Box 127  
North Reading, MA 01864-0127  
Water supply specialists; water wells  
& pumping equipment.  
(781) 933-3210

## McNulty Construction Corp.

P. O. Box 3218, Framingham, MA 01705-3218  
Asphalt paving of cart paths, walkways,  
parking areas; imprinted asphalt.  
John McNulty - (508) 879-8875

## Miller Golf Construction

1 Leicester Rd., Marblehead, MA 01945  
Golf course construction & renovation  
Jonathon Miller - (781) 631-2030

## R.F. Morse & Sons, Inc.

22 Cranberry Hwy., Wareham, MA 02576-0099  
Larry Anshewitz, Jack Cronin, Chris Cowan,  
Alan Anderson - (508) 295-1553

## Nardone Sand and Gravel, Inc.

37 Power Rd., Westford, MA 01886-4112  
Topdressing sand & mixes, bunker sands, root-zone  
mixes, loam, cart path materials, drainage stone.  
Greg Frederick - (978) 692-8221

## North Shore Hydroseeding

20 Wenhams St., Danvers, MA 01923  
Hydroseeding, erosion control, & tree services  
Brian King - (978) 762-8737

## Novartis Specialty Products, Inc.

394 Monson Tpk. Rd., Ware, MA 01082  
Banner MAXX, Barricade, Subdue MAXX, Primo  
Dave Ravel - (413) 967-6745

## Partac Peat Corporation

Kelsey Park, Great Meadows, NJ 07838  
Heat treated topdressing, golf hole targets,  
turf blankets, other specialty golf supplies.  
Jim Kelsey - (800) 247-2326

## Prescription Turf Services, Inc.

P. O. Box 39, Middleton, MA 01949  
Deep-tine and hydro-injection services,  
custom fertilizer & pesticide applications,  
fairway aeration, topdressing operations.  
(978) 777-1663

## Read Custom Soils

171 VFW Drive, Rockland, MA 02370  
Topdressing, root-zone mixes, bunker sand,  
3/8 screened loam, cart path materials,  
mulch, drainage stone.  
Joe Farina, Frank Santos - (888) 475-5526

## Sawtelle Brothers

65 Glenn St., Lawrence, MA 01843  
Bob Brown, Larry Bunn, Mike Hannigan,  
Frank Higgins, John Lenhart - (978) 682-9296

## SBI Turf Services

65 Glenn St., Lawrence, MA 01843  
Deep-tine, core, & water-injection aeration,  
DOL & Verti-Seed overseeding, irrigation services.  
Jim Favreau - (800) 999-TURF

## Shawnmark Industries, Inc.

P. O. Box 8966, Warwick, RI 02999  
Matt Howland - (401) 295-1673

## Simplot Partners, Inc.

15 Londonderry Rd., Londonderry, NH 03053  
Turf & ornamental supplies.  
Chuck Bramhall, Mike Kroian, Mike Nagle  
(800) 228-6656

## Sodco Inc.

P. O. Box 2, Slocum, RI 02877  
Bluegrass/Fescue, Bluegrass/Rye,  
Bluegrass/Fescue/Rye, Bentgrass  
Matt Faherty, Pat Hogan - (800) 341-6900

## Sports Club Management

104 Wyman Rd., Braintree, MA 02184  
OSHA and EPA compliance services and training  
Ron Smith - (781) 848-5978

## Dahn Tibbett

### Professional Golf Services

dba Weed & Feed, Inc.  
20 Clark Lane, Marshfield, MA 02050  
Specialists in golf course construction,  
bunker restoration, and irrigation installation.  
(781) 837-3503

## Tee and Green Sod, Inc.

P. O. Box 418, Exeter, RI 02822  
Bentgrass, Bluegrass, and Blue/Fescue sod.  
Dave Wallace  
(401) 789-8177

## Tom Irwin Inc.

11 A St., Burlington, MA 01803  
Turf management products  
Jack Peterson, Wayne Ripley, Paul Skafas,  
Chris Peterson, Greg Misodoulakis, Rick Giverson  
(800) 582-5959

## Tuckahoe Turf Farms, Inc.

P. O. Box 167, Wood River Junction, RI 02894  
Chris Beasley - (800) 556-6985

## TurfLinks, Inc.

P. O. Box 489, Sturbridge, MA 01566  
Scott Mackintosh - (508) 347-8070

## Turf Enhancement Enterprises

6 Jessica J Dr., Millbury, MA 01527  
Floratone products, Precision Small Engine Co.,  
Douglas Rollers, Trion Lifts.  
Tom Fox - (508) 865-9150

## TurfNet Associates, Inc.

21 Brandywine Rd., Skillman, NJ 08558  
Cutting edge communication for  
the golf course industry.  
Peter McCormick - (800) 314-7929

## Turf Products Corp.

157 Moody Rd., Enfield, CT 06082  
Distributors of Toro irrigation and maintenance  
equipment and other golf-related products.  
Tim Berge, Mark Daly, Paul Hallock,  
Rick Woodman, Mike Turner - (800) 243-4355

## United Horticultural Supply

18 Legate Hill Rd., Sterling, MA 01564  
Fertilizer, seed, chemicals, and IPM.  
Glenn Larabee, Bruce Chapman, Mark Miller  
(800) 224-4440

## Varney Bros. Sand & Gravel

79 Hartford Ave., Bellingham, MA 02019  
Concrete golf cart paths.  
Kenneth Mooradian - (800) 441-7373

## Waterflowers Ecological Design

116 North Street, North Reading, MA 01864  
Environmental audits, planning/design,  
& permits for all environmental details  
Terry Bastion - (978) 664-8059

## Winfield Nursery, Inc.

1700 Mountain Rd., W. Suffield, CT 06093  
Wholesale nursery trees and shrubs.  
Stan Hildreth

## Philip Wogan & George F. Sargent, Jr.

Golf Course Architects  
17 Walker Rd., Topsfield, MA 01983  
(978) 887-3672

## Zip Type Service

50 Kent Street, Newburyport, MA 01950  
Design, printing, mailing, advertising specialists.  
Sheila Johnson - (978) 462-9358

# Did you know?: Respiratory requirements for turf chemicals

continued from page 5

**Do not use this list to determine if respirators are required.** This table reflects my interpretation of the labels associated with these chemicals. It is intended for illustrative purposes only. Please refer to the specific label of the product you are using to make your own determination regarding the use of respirators.

Legend: N = Not required  
 Y = Respirator required  
 N/Y = Respirator required when confined or exposed to heavy concentrations

Chemical	Respirator Required?
Acclaim	N
Acclaim Extra	N
Aliette	N
Banner Maxx	N
Banol	N
Battle GC	N/Y
Bayleton 50W	N
Carbaryl 4L	Y
Cavalier 4.5F	N
Chipco 26019	Y

Cleary's 3336F	N/Y
Confront	Y
Copper Sulfate	Y
Cross Bow	Y
Cutless	Y
Daconil 2787	Y
Daconil Ultrex	Y
Dimension	Y
Dithane	N/Y
Drive	N/Y
Dursban Pro	Y
Dylox	Y
Dyrene	Y
Eagle	Y
Embark	Y
Finale	Y
Fungo Flo	Y
Heritage	N
Lebanon 19-4-6 w/ .13 Dimension	N/Y
Lesco Bent Herb	N/Y
Manage	Y
Mancozeb DG	N/Y
Mancozeb Flo	N
MCPP-4 Amine	Y
MCPP-4K	N/Y
Merit .5G	N/Y
Merit 75 WSB	N/Y
Orthene	Y
Primo Maxx	N
Primo WSB	Y
Pro Star	N/Y
Prodigy 80DG	N

Proxy	Y
Revere 4000	Y
Round Up 1 oz. Pack	N
Round Up Flo	N/Y
Scimitar	Y
Sevin SL	Y
Subdue Maxx	Y
Surflan	N/Y
Tempo GC	Y
Touche	Y (Dust mask)
Trimec	N/Y
Vorlan	Y

I would be happy to address any questions you might have regarding any of these subjects. I can be reached at 877-848-5978. See you around and about.

**Ron Smith, MBA, CPSI is proprietor of Sports Club Management, Inc., a company that specializes in helping clubs comply with OSHA, DEP, and civil safety requirements/regulations. For more information visit [www.sportsclubmanagement.com](http://www.sportsclubmanagement.com).**

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