

September/October 2005
VOLUME 35 NUMBER 5

Tee To Green

Published by the Metropolitan Golf Course Superintendents Association

NOV 11 2005



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TEE TO GREEN is published bimonthly by the Metropolitan Golf
Course Superintendents Association
49 Knollwood Road, Elmsford, NY 10523-2819
914-347-4653, FAX: 914-347-3437, METGCSA.ORG
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Tee to Green



Cover: St. Andrew's
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President's Message

Is There Good in a Bad Situation?

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his year's weather, the prolonged heat and intense humidity, left many scars on our golf courses. As our season progressed, it got hotter and drier and more humid. Stress on our plants reached an all-time high, and many of us lost grass. This season, injured turf did not rejuvenate in its normal fashion. It did not come back; it died. Any of us trying to retrieve turf, by way of seed, during the period August 15 to September 15 couldn't. The continued intense heat and humidity stunted germination and killed off the remaining stand. Even in the third week of September, it was still hot and dry.

Trees began casting their leaves early in an effort to conserve water. There's little time to go before we have frost delays and the window closes on our growing season. It was the kind of season that left us on the ropes, catching our breath, trying to regain our vision.

Weak Links Exposed

Seasons like these can be telling. They expose the weak links in our management systems—those things we've been putting on the "back burner" whether due to lack of approved funds or just poor planning.

With the added pressure of a difficult growing season, weak links like outdated pump stations, water mains, and turf maintenance equipment are more likely to fail; ponds and wells with little or no recharge run dry; undersized work crews give way to fatigue; and all those unaddressed agronomic issues—heavy shade, poor air circulation and/or water drainage, etc.—make turf far more susceptible to disease and wilt and far less tolerant to any cultural practices.

In short, when the heat's on, if every aspect of our maintenance and agronomic programs are not in top form, it becomes frighteningly apparent—not just to us, but to our membership as well.



*Will Heintz
MetGCSA President*

True, many times these weak links exist because the budget to correct them doesn't. Whatever the cause, if we don't clearly communicate to our committee and the membership about the origin of these problems, the outcome can be ugly—and not just to the turf. It can cost us our jobs.

Find the Good

From bad situations, however, there can come some good. With our weak links—and we all have a few—clearly identified, we can use this as an opportunity to justify and lobby for the resources we need to prevent our courses from succumbing to the ill effects of another challenging growing season.

Right now, before the window to our growing season slams shut, we need to focus our efforts on rebuilding the confidence and satisfaction of our membership by healing our courses—and ourselves. We, and our turf, need to be able to emerge from the winter vibrant, healthy, and ready to meet the new season head-on—whatever it may bring.

Best regards,

Will Heintz
President

Feature

Fairway Topdressing:

Is It Worth the Price?

by James H. Baird, USGA Agronomist





The concept of top-dressing is not new. In fact, superintendents have been at it for well over 100 years—and with good effect, particularly on putting greens and tees. Less common in the Northeast, though winning favor, is fairway topdressing. This practice emerged about 20 years ago in the Northwest, where it was embraced as a remedy to the perennially supersaturated courses in this rain-soaked part of the country. Though costly and logistically challenging, well over half the golf courses in the Northwest today topdress their fairways. And why not? With a few inches of sand on the turf, these golf courses become firmer and drier to allow play even during some of their wettest winters.

If you're feeling the pressure to jump on the fairway topdressing bandwagon, it pays to look before you leap into this labor-intensive practice. What follows are answers to some of the most common questions I've heard asked about fairway topdressing. Is it right for your course? You be the judge.

What Are the Benefits?

Although the same basic benefits apply to fairway topdressing as they do to greens and tees, the following are key reasons to initiate a fairway topdressing program.

Improved Drainage. Over time, topdressing will provide drier, firmer conditions, primarily because water percolates better through sand, and also sand helps to dilute thatch and expedite its breakdown. Beware, however: Topdressing should be considered a supplement, not a replacement for solving drainage challenges with conventional methods.

Fewer Traffic Restrictions. Golf carts and turf equipment generally can return to fairways sooner after a heavy rainfall. One bit of proof: The day after a torrential rain had dumped 2.5 inches on Aronimink Golf Club in Newtown Square, PA, the fairways were firm and dry enough to allow carts. Before topdressing, the superintendent reports the fairways would have been saturated for days.

Reduced Disease Incidence and Chemical Inputs. The primary disease of bentgrass and *Poa annua* fairways is dollar spot. Generally, dollar spot is made worse by thatch. Other diseases typical of bent and *Poa* fairways are *Pythium* and brown patch; each disease is associated with high levels of soil moisture. Diluted organic matter, which holds less water, has a lower potential for disease and, therefore, reduces the requirement for chemical use.

Suppressed Earthworm Castings. The mess left behind by "Nature's Aerators" is greatest during periods of wet weather and under the shadow of nearby trees, which prevent sunlight from drying out the turf canopy. Sand particles tend to irritate earthworms more than soil mineral particles, which is one of the reasons why fewer, if any, earthworm castings are found on putting greens and tees that are regularly topdressed.

Playability. Although fairway topdressing may not solve all of your drainage problems or eliminate earthworm activity, in time it will definitely improve smoothness, ball lie, and overall playability of your fairways, which most golfers will notice and appreciate.

Are There Any Disadvantages?

Few programs are without fault. Among the less desirable aspects of fairway topdressing are:

Cost. One of the greatest drawbacks to fairway topdressing is cost. Besides the price you pay for sand—most of which is in transportation—your course will need to acquire a large-area topdressing unit, a tractor to tow the topdresser, and a heavy steel drag mat to brush the sand into the grass. You might justify the equipment cost by purchasing a topdressing unit that can be used for other maintenance activities, such as clipping collection and dissemination and bunker renovation. But then you still should budget for two to three operators who can fill, spread, and drag the sand into the turf canopy—after it's dried—and then follow up the process with light watering, which can help work in the sand.

Of course, the other alternative to purchasing a large topdresser and tractor would be to have one of several contractors in the Met area apply the sand with their equipment, much like that of aeration practices. Long-term, however, this would probably not be more cost-effective.

Disruption to Play. The most efficient way to get the job done is to close the course for a half-day or day. But even if you choose to work through the golfers, there will be disruption to play, the severity of which will depend largely on the rate of topdressing applied.

Word to the wise: Whether or not you close the course, be sure to alternate the time and day of the week that you topdress your

fairways to keep from disrupting the same group of golfers. Also, for the sake of the turf, it's best to avoid applications during hot, dry weather.

Wear and Tear on the Equipment and Equipment Technicians. Let's face it, implementing a fairway topdressing program won't make you any more popular with your equipment technician. There is always the potential for contamination of stones or rock in the topdressing, which wreaks havoc on mowing equipment. Even the sand alone will create increased time and labor spent on reel mower maintenance.

Increased Water Use.

Slowly, over time, drier fairways will increase the potential for localized dry spots and the need for increased vigilance and water use.

A bit of advice: Don't forget to raise your irrigation sprinklers to keep them in line with the rise in elevation due to topdressing.

What Do I Need to Know Before Getting Started?

First, you need to realize that like many turf cultural practices, including greens aeration, fairway topdressing is not something that you stop doing when conditions become good. Once initiated, this practice should be continued indefinitely—once again, to eliminate the potential for layering to occur.

Beyond this, you will need to determine which sand to use and how often to apply it. Here are my recommendations:

The Type of Sand to Select. Sand used for fairway topdressing does not have to meet the same specifications as sand used to topdress greens or tees or for use in bunkers. It is best, however, to avoid sand that is either too coarse or too fine, and especially a mixture of sand particles at both ends of the spectrum,

which could make drainage issues worse.

Most golf courses in our region spend between \$10 and \$20 per ton for fairway topdressing sand, depending largely on trucking costs.

Application Frequency and Amount. In terms of applications, a reasonable target to shoot for is to topdress fairways about once a month during the growing season for a total

of six times per year.

To apply a one-half-inch layer of sand in one year on 30 acres of fairways, plan on ordering 1,800 tons of sand to be applied in six increments of 10 tons per acre.

Keep in mind, applying more sand less frequently may get you where you want to be more quickly, but you risk the harmful development of layering between sand and organic matter that accumulates over time.

Plan to Continue Aerating. Although some may argue otherwise, this agronomist believes in the benefits of aeration. When aerating topdressed fairways in the first several years, however, I do recommend switching from hollow to solid-tine aeration in order to prevent layering from occurring.

As an alternative, you could remove the cores before topdressing—that is, if time and money are no object. When the layer of sand accumulates to a depth greater than three inches (this will take several years), it should be fine to resume core aeration.

In the End

Though this program has numerous benefits, they do not come without a high price. If you do not have the budget or the desire to enter into a program of this magnitude, all's not lost. You can still work toward making your fairways the best that they possibly can be by installing necessary drainage; regularly scheduling cultivation practices, such as aeration and verticutting; removing trees to increase sunlight and reduce earthworm castings; and employing proper cultural practices, such as irrigation and fertility.

These practices have been done with great success for years and years. Why not now?

Jim Baird is a UGSA Agronomist for the Northeast Region and a frequent contributor to the Tee to Green.



Speaking From Experience: Met-Area Supers Talk About Fairway Topdressing

by Scott Niven, CGCS

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airway topdressing. Is this a worthy endeavor—or just another trend among golf courses with lofty budgets? If you talk to superintendents in the Northwest, you're likely to find it's the best thing that's happened to their courses since the advent of Softspikes. Keep in mind, however, that this part of the country has perpetually soggy turf to contend with.

If you poke around our neck of the woods, you'll see that fairway topdressing is still, for the most part, approached with a healthy level of skepticism. Though it has won a number of converts, there are still those who are dead set against it.

To help you evaluate the merits of fairway topdressing, we surveyed area superintendents who took that bold step forward in implementing a program for their course. Of the 66 superintendents queried, only a third completed the questionnaire. (The others, we might assume, did not respond because they do not have a fairway topdressing program in place.) Of that group, only 15 respondents are currently topdressing their fairways.

From these 15, however, we can gain valuable, real-life insight on this up-and-coming cultural trend. We hope you'll find the facts and figures they offer here helpful in seeing how this practice might—or might not—fit into the maintenance regime on your course.

1. Do you topdress all fairways?

Yes – 10

Only some of them – 5

Those who do not topdress all 18 holes, for the most part topdress only those fairways that are the wettest. This is a way to test the potential for this practice to help with damp conditions and to keep costs down.

2. Why do you think fairways need to be topdressed?

Improve drainage – 12

Level surface – 16

Firm up surface – 18

Control thatch – 17

Suppress earthworms – 13

Reduce divot size – 1

According to our survey respondents, there are several good reasons for topdressing fairways. Highest on the list of benefits is to create a firmer surface. Most reported success with an angular sand, which aids in stabilizing and compacting the turf.

Runner up on the list of benefits is—no surprise—thatch control. This is a well-documented outcome of topdressing any turf area.

Coming in a close third is leveling the fairway surface. Particularly after new construction, topdressing has proved helpful in smoothing imperfections from washouts or machine rutting.

Next on the list of benefits was suppressing earthworms. Apparently, the sharp, angular sand acts as an irritant to these mud-producing soil dwellers, discouraging their activity.

Interestingly, improving drainage did not top the list of benefits for our survey respondents; though it did still win a high number of votes. Respondents' decision to start a fairway topdressing program was prompted primarily by the presence of poorly drained soils where plugged balls are a regular occurrence. Of course, it's important to note that only when adequate subsurface or surface drainage (slope) is present will the sand topdressing help to move excess water off the surface horizontally, resulting in a drier fairway surface.

Survey respondent Gregg Stanley, currently of The Bridge Golf Club in Bridgehampton, NY, saw this firsthand. When he was at Hudson National, after the course construction phase was complete, he worked to build up 3 inches of fairway topdressing. "I saw," he says, "that topdressing can significantly improve fairway playability and expedite the transition from golf course construction to normal golf operations, but it will not correct subsurface drainage issues."

Drainage Engineer John Kelly of Kelly Ami, Inc., who specializes in solving golf course drainage problems, explains: "Without the addition of subdrains, the newly created sand layer near the surface will rapidly become saturated after rainfall and may take a significant amount of time to dry out—especially in low evaporation times of the year (early spring or late fall).

"Topdressing," he continues, "coupled with closely spaced drains, is an ideal solution for relatively impermeable soil conditions that become very soft at the surface during rainfall. The topdressing layer improves the horizontal movement of water to the drains and provides a firmer surface. This technique is especially effective when the same sand is used for both topdressing and drain backfill."

Last, and seemingly the least important to superintendents, is the benefit of reducing divot size. Though only one respondent mentioned this as a positive to fairway topdressing, it does seem to make sense that divot size would be reduced in a sandy medium.

3. What is your member reaction to fairway topdressing?

Positive – 10

Neutral – 8

Negative – 0

None of the respondents would admit to any negative member reaction, but I have heard that some do react to having to hit through freshly topdressed turf. After the sand disappears into the canopy, however, all seems to be forgotten.

4. How does fairway topdressing affect course conditions?

Increases roll – 13

Improves lie – 12

Reduces divot size – 4

Increases divot size – 1

A little more than half the respondents reported that the primary effects on conditions are more roll and a better lie. What golfer wouldn't be in favor of that?

5. Do you think fairway topdressing causes localized dry spots?

Yes – 5

No – 13

Surprising that only a handful—less than a third—of the respondents have experienced localized dry spots given that this is a common challenge among supers with sand-

based putting greens. Fairways with sand rootzones, it would seem, would be equally susceptible. Some respondents did indicate that wetting agents were used to help avoid or remedy any issues with dry spots.

6. Do you find that fairway topdressing increases golf cart wear?

Yes - 3
No - 12

Here, again, a somewhat surprising response: A high percentage of the respondents have not seen any extra wear and tear from golf carts on their sand topdressed fairways. Given the presence of a fairly sharp, angular sand, however, there is always the potential for some turf damage until the sand disappears into the canopy.

7. How many times a year do you topdress?

1 to 2 times - 6
3 to 4 times - 4
5 to 7 times - 5

The group was evenly divided, here, with many different approaches to application timing. Gregg Stanley offered the following insight into his approach at Hudson National, which he felt was highly successful:

"Fairway topdressing seems to work best if applied much like traditional greens topdressing: light but frequent when the turf is actively growing to better match the accumulation rate of organic matter. Our goal

was to apply 8 tons of sand per acre per month from May through October. Our fairways were small at just 20 acres, so when all was said and done, we'd use about 1,000 tons in total. This seemed to introduce about 1/2" of sand per year, with six to seven total applications."

8. What is your frequency of application?

1 x monthly - 5
1 x spring + 1 x fall - 5
1 x spring, 1 x summer, 1 x fall - 2

Obviously, monthly applications would give you the fastest accumulation and the most uniform profile of rootzone medium. But due to scheduling conflicts and budget limitations, some clubs opt to topdress only during the off-season. Up until now, none of our respondents have reported any evidence of layering problems due to infrequent applications on fairway-height turf.

9. What depth of sand do you apply per application?

1/16" - 2
1/8" - 8
1/4" - 4

Most applications are put on at about 1/8" thick (8 tons/A). Most realize that applying too much sand at once is a risky practice. Not only do you risk the development of layering between sand and organic matter, you make it difficult to keep your mowers sharp—not to mention your golfers happy.

10. How many total inches of topdressing are required to change the soil profile?

2 - 3" - 7
4 - 5" - 4

If we take the average of the answers to this question, it would seem that a depth of 3 to 4 inches of sand would be enough material to derive the desired benefits and would allow 3- to 4-inch core aeration to maintain a healthy rootzone.

11. How many years will you take to complete your topdressing program?

5 - 6 years - 3
8 - 10 years - 4
Infinite - 3

Several of the superintendents who responded plan to keep applying light amounts of sand every year, just as we do with greens topdressing. The rest of the survey group plan to accumulate sand to a certain depth and then stop the program, recycling the sand through the upper profile by annual core aeration.

12. Do you still aerify your fairways while topdressing?

Yes - 10
No - 6

There are two schools of thought here. Most of the respondents say they continue to core



The large majority of clubs that topdress their fairways are happy with the results and would encourage others to do it as well.

aerify to reduce thatch and compaction and to create vertical channels to allow the topdressing to filter deeper into the fairway rootzone. The other theory is that a thick layer of sand will, on its own, reduce thatch and compaction, so there is no need to aerify. What's more, this group contends that the cores of native soil will contaminate the sand layer with silt and clay particles, reducing its effectiveness. One way to avoid this scenario, however, is to aerify with solid tines.

13. How many tons of topdressing do you use per year?

- 0 - 500 tons - 6
- 500 - 1000 tons - 5
- 1000 - 1500 tons - 3
- 2000+ tons - 2

Depending on the scope of the treatment area and your annual goals for sand depth, these tonnages will vary greatly from course to course.

If you had 25 acres of fairway, one example might be that if you applied 8 tons per acre, as Gregg Stanley did at Hudson National, once a month for six months, you would use 1,200 tons annually and accumulate about 1/2" of sand. As you can see, however, most of the respondents' sand use weighed in considerably below 1,000 tons per year.

14. What is your total annual cost to topdress fairways?

- \$10 - 15k - 4
- \$15 - 20k - 2
- \$20 - 25k - 4
- \$25 - 50k - 5
- \$50 - 100k - 1

These numbers vary widely—again, depending on the size of each program and the cost of materials. The average spent was \$27,000, while one respondent spent between \$50K and \$100K to topdress fairways.

15. Whose idea was it to topdress fairways?

- Yours - 12
- A member - 3
- Other - 2

More often than not, it was the superintendent who researched and instituted a fairway topdressing program. In several cases, however, members saw the benefits of fairway topdressing at another club and lobbied to have it put into practice at their home course. In two other cases, a consulting agronomist was the one to suggest the program.

16. Is the type of sand used important?

- Yes - 15
- No - 0

All superintendents feel that not just any sand will do. It doesn't have to be the highest quality, but it does have to be the right mixture—preferably one that is neither too coarse nor too fine.

17. Describe the sand you use.

The most important factor, here, is to avoid sands with rounded particle shapes and find an angular sand that will create firm conditions. Some superintendents mentioned that they used a clean USGA Green spec sand, whereas others indicated the need to use coarse sand with much of the particle size in the 2mm range. Finer sands, however, are easier to work into the turf canopy, and they create less damage to mower bedknives and reels. Of course, it's also a good idea to use a soil testing lab to help you make the right sand selection for your turf.

18. Is the fairway topdressing done in-house or do you contract it out?

- In-house - 16
- Contract it out - 0

Although there are companies available to do this logistically challenging job for you, all of the superintendents in our survey do it themselves. This approach is less costly long-term.

19. How much were your equipment and setup costs to initiate a fairway topdressing program?

- \$15 - 25k - 4
- \$25 - 35k - 11
- \$35 - 45k - 1
- \$45 - 65k - 1
- \$65k+ - 1

The cost usually includes the funds to purchase a large-scale topdresser and perhaps a tractor to pull it, storage bins, trucks to move the sand, a loader to fill the hoppers, drag mats, etc. A sizable staging area is also required for storing and loading sand, usually in the range of 30,000 sq. ft.

The average amount spent by respondents was \$37,500. Only one superintendent indicated that he rented the necessary equipment.

20. How do you work the topdressing into the turf?

A variety of methods are used for this process. Most superintendents use some type of drag mat, along with irrigation, blowers, hand brooms, and in one case, the air drag. Obviously, the better job you do

here, the more you'll protect your mowers from damage—and your mechanic from added labor. It's also important to apply enough fertilizer to encourage the turf to grow rapidly up through the sand layer.

21. Would you recommend fairway topdressing to others?

- Yes - 11
- No - 2
- Depends on conditions - 4

The large majority of clubs that topdress their fairways are happy with the results and would encourage others to do it as well. On the other hand, some respondents would not recommend it at all and still others indicated that they would suggest it only if an existing soil condition warranted its use.

Sizing Up the Program

Gregg Stanley seems to sum up the program best: "To do this" he says, "the superintendent needs to be assured of uninterrupted access to the course—a luxury that seems increasingly hard to realize. If there is a commitment on all sides of the equation, however, a real difference can be made. The work is significant and hard, but the results for the right property can be very rewarding."

A special thank you to the following superintendents who took the time to respond to the survey. We've put an asterisk by those who currently topdress their fairways. They're all excellent sources of information if you're looking for further information about initiating a fairway topdressing program on your course.

- *Gregg Stanley - *The Bridge Golf Club*
- *Blake Halderman - *Brae Burn Country Club*
- *Bill Gaydosh - *Round Hill Club*
- *Jeffrey Hemphill - *Nissequoque Golf Club*
- *Anthony Stalters - *Atlantic Golf Club*
- *Pat Sisk - *Milwaukee Country Club*
- *Lou Quick - *Anglebrook Golf Club*
- *Ed Walsh - *Shelter Harbor Golf Club*
- *Brian Benedict - *Seawane Club*
- *Eric Greytock - *Winged Foot Golf Club*
- *John Carlone - *The Meadow Brook Club*
- *Tim Garceau - *The Tuxedo Club*
- Will Heintz - *Centennial Golf Club of NY*
- Larry Pakkala - *Woodway Country Club*
- Tony Girardi - *Rockrimmon Country Club*
- Ken Benoit - *Glen Arbor Golf Club*
- *Phil Neaton - *Black Hall Club*
- *John Jennings - *Chicago Golf Club*
- 3 Anonymous

Scott Niven, a member of the Tee to Green Editorial Committee, is property manager at The Stanwich Club in Greenwich, CT.

Sherwood Moore Honored—Once Again!



Photo by Dave Pease, Alumni Turf Group.

Award Presentation (from left to right): *Steve Curry, Alumni Turf Group president; Sherwood Moore; Steve Goodwin, Associate Dean of the College of NRE; Steve Cadenelli, Cape Cod National Superintendent and Alumni Turf Group member; and Ted Horton, of THC; Ted Horton Consulting in Canyon Lake, CA, who along with Steve Cadenelli, presented the award to Sherwood.*

Sherwood Moore, who for Met members doesn't need an introduction, was honored at the Dr. Joseph Troll Turf Education Fundraiser held on October 20 at the Cape Cod National Golf Club in Brewster, MA.

The fundraiser was initiated last year—by a group of UMass alumni who formed the Alumni Turf Group—as a means to raise money for the new Dr. Joseph Troll Turf Research Center. The group has continued the fundraising efforts to support the turf programs at the University of Massachusetts, Amherst. With this year's event, the group raised \$40,000 for the school.

"Sherwood is without question one of our greatest Massachusetts turf alumni," says Steve Curry, Berkshire Hills Country Club superintendent and president of the Alumni Turf Group. "And he's arguably the greatest golf course superintendent ever."

Sherwood's outstanding honors and decorations are numerous, including:

- GCSAA's Distinguished Service Award, 1982
- NYSTA's, Citation of Merit, a first-time award to a golf course superintendent, 1984
- Special Recognition from the MGA for 45 years of service, 1984
- Massachusetts Turfgrass Conference Dedication, 1985
- New Jersey Turfgrass Hall of Fame Inductee, a first-time award to a golf course superintendent, 1986

- USGA Green Section Award, 1987
- Leo Feser Award for outstanding article submitted to *Golf Course Management* magazine, 1988
- The MetGCSA's Sherwood A. Moore Award established for "advancing the professional image, status, and reputation of the golf course superintendent."
- The Old Tom Morris Award, GCSAA's highest honor and the only one awarded to a superintendent, 1990.

Other career highlights:

- USGA Open preparation at Winged Foot Golf Club, 1959
- President of the GCSAA in 1962 and member since 1939
- USGA Senior Open Preparation at Winged Foot Golf Club, 1980
- Acting agronomist, USGA Green Section, 1987 and 1988

Sherwood was presented with a Norman Rockwell print of an agricultural scene at UMass, which the artist had painted long ago. Making this even more significant, is that Rockwell, a Massachusetts-born artist, had donated the original painting to the university, where it's hung since the 1940s.

From the MetGCSA, our congratulations, Sherwood! In the words of Robert M. Williams, 1958 GCSAA president, "You are the all-time, all-American, most outstanding golf course superintendent ever."

In Memoriam

Our sincere condolences to the family of Dr. **Henry W. Indyk**, who passed away September 5 at Hunterdon Care Center in Raritan Township, NJ. He was 84.

Dr. Indyk was known to many Met area superintendents. He was a professor at Rutgers University's Cook College in New Brunswick for more than 30 years, until retiring in 1990. During his tenure at Rutgers University, Dr. Indyk was fully devoted to providing leadership in the Cook College Extension activities relating to all facets of the turfgrass industry. Dr. Indyk also served on committees and boards of many turfgrass interests—too numerous to list.

In addition, Dr. Indyk was responsible for the development and organization of the New Jersey Turfgrass Expo, serving as general chairman of the Expo from the show's inception in 1974 until 1996.

Dr. Indyk is survived by his wife of 52 years, Mary; his son, Ken; his daughters, Karen, Laurie and Janet; and eight grandchildren.

Donations can be made in his honor to The Leukemia and Lymphoma Society (116 South Euclid Avenue, Westfield, NJ 07090) or to The American Cancer Society (600 First Avenue, Raritan, NJ 08869).

Just Married

Congratulations and best wishes to Superintendent **Sean Cain** of Sunningdale Country Club and his new wife, Annie. They were married October 8.



Birth

Congratulations to North Jersey Country Club Superintendent **Dave Dudones** and his wife, Dana, on the birth of their daughter, Kylie Rose, on September 2.

Upcoming Events

Now that 2005 is coming to a close, we're looking ahead to next year's calendar of meeting and social events. Anyone interested in securing a golf meeting for 2006 should call either of our Tournament Committee co-chairs: Tom Leahy at 914-941-8281 or Chuck Denny at 914-669-5959. To host a social event, please call any one of our Social & Welfare Committee co-chairs, which include Tom Leahy and Chuck Denny and also Bob Nielsen, who can be reached at 914-234-3779.

MetGCSA Events

Annual Meeting

Wednesday, November 9
St. Andrew's Golf Club
Hastings-on-Hudson, NY
Host: Rob Alonzi

MetGCSA Christmas Party

Saturday, December 3
Westchester Country Club, Rye, NY
Host: Joe Alonzi, CGCS

Don't Miss This All- New Special Holiday Family Event



MetGCSA Gingerbread House Party

Sunday, December 11
12 - 3 p.m.
Centennial Golf Club
Carmel, NY

Get in the holiday spirit at this special Met family event, where your children will have the opportunity to decorate their very own gingerbread houses. All houses—home-baked by master chef Linda Heintz—and decorating materials will be ready and waiting for your children's custom touch. A light lunch will be served.

Guests are welcome. The fee for the event is \$10 per child.

MetGCSA 2006 Calendar: Secure a Site Now!

Educational Events

First Annual Empire State Green Industry Show

Tuesday – Thursday, November 15 – 17

Rochester Riverside Convention Center, Rochester, NY

Sponsored by four industry associations—NYSTA, New York State Arborists – ISA Chapter, Inc., New York State Nursery/Landscape Association, New York State Flower Industries—this trade show and conference will offer educational sessions as well as hundreds of exhibitor booths displaying golf course industry equipment and supplies.

Call Jill Cyr, 800-873-8873/518-783-1229, or visit NYSTA's online tradeshow information, www.nysta.org/greenshow/home.html, for further information.

GCSAA SEMINAR ~ Turfgrass Stress Management

Tuesday, November 29

Hampton Inn, White Plains/Tarrytown, NY

Sponsored by the MetGCSA, this seminar will allow attendees to assess their own management practices and formulate varied approaches for preventing and minimizing turf injury.

Call Glen Dube at 203-838-4960 for further information.

New Jersey Green Industry Expo

Tuesday – Thursday, December 6 – 8

Trump Taj Mahal Casino & Resort, Atlantic City, NJ

The New Jersey Turfgrass Association's annual Green Industry Expo provides cutting-edge research and information to area turfgrass professionals. The Expo offers educational sessions featuring internationally known speakers, a trade show exhibiting all the latest products and services available in the industry, and this year, a special performance by David Joy, a native of St. Andrews, Scotland, who is renowned for his portrayal of Old Tom Morris in a one-man act that has been performed both for film and television. As part of the Expo's USGA regional seminar on Tuesday, December 6, David Joy will highlight St. Andrews, the history of golf, and the important role that Old Tom Morris played in the game we love.

For further information about this year's Expo, call the New Jersey Turfgrass association at 215-757-NJTA (6582) or visit the website at www.njturfgrass.org.

Strategic Career Planning Workshop

Wednesday, December 14

The Apawamis Club, Rye, NY

Sponsored by MetGCSA, this workshop will be presented by Jim McLoughlin, former GCSAA and MetGCSA executive director and founder of TMG Golf. During the session, participants will learn how to set career goals—and achieve them. Starting with resume writing and job interviewing, Jim will take you through a whole host of career-enhancing skills and tactics. Roundtable discussions will cover such topics as sabbatical leaves and individual career websites. Superintendents, assistants—and their spouses (at no charge!)—are eligible to attend. People at all career levels will find this workshop valuable.

Call Glen Dube at 203-838-4960 for further information.

MetGCSA Winter Seminar

Wednesday, January 18, 2006

Westchester Country Club, Rye, NY

Don't miss this year's exciting lineup of Winter Seminar topics and speakers. Here's a preview of what's to come:

- Cornell's Marty Petrovic will speak on managing golf courses to minimize phosphorus runoff.
- Marie Pompei, a certified professional agronomist, currently a sales rep with FM Brown's of Sinking Springs, PA, will discuss the many uses of native grasses on golf courses.
- Carmine L. Labriola of Realife Land Improvement will cover wetland fundamentals and the new regulations for water quality issues.
- Mike Fianza of PSU will teach participants everything they need to know about making the best use of fungicides to manage turfgrass diseases. He'll take you through proper fungicide application methods and technology, fungicide chemistry, and even how sprayer nozzles influence fungicide delivery and turfgrass disease control.
- Jim Murphy of Rutgers will discuss cultural practices that have an impact on *Anthracnose* disease on *Poa annua* turf.

Call Glen Dube at 203-838-4960 for further information.

The Assistant Behind the Annual Assistants Championship

by Lou Quick, CGCS

On October 20, Scott Imbro welcomed fellow MetGCSA assistant superintendents to Anglebrook for the annual Assistant's Championship.

A relatively new "kid" on the block, Anglebrook opened in 1997 after four years of permitting and two years of construction. Set in the picturesque suburbs of northern Westchester, Anglebrook has the distinction of being the last course completed in the U.S. by the famed Robert Trent Jones Sr. design group. It was also the last project that Jones and longtime associate Roger Rulewich collaborated on before Jones closed up shop and Rulewich struck out on his own.

Playing 7,001 yards from the tips to 6,113 from the members' tees, Anglebrook is a true test of golf. "The variety of golf holes here forces you to play almost every shot in your bag," says Scott, noting that the course is maintained to blend with the many wetland and forested areas that are protected by the town and state.

Hooked From the Start

When it comes to the golf course business—Scott's been around the block and back. After graduating high school in 1986, he started working at Richter Park Golf Course, just a hop, skip, and a jump from his New Fairfield, CT, hometown. Given his early affinity for the turfgrass industry, it seemed only logical that he pursue a college degree from the University of Massachusetts at Amherst. In 1995, he completed a B.S. in environmental design, interning summers at Oak Lane Country Club in Woodbridge, CT, and Aspetuck Valley Country Club in Weston, CT.

With a degree in hand, he secured his first assistant's position at Mahopac Golf Club in Mahopac, NY. Two years later, he accepted the job as superintendent at Country Club of Lake McGregor also in Mahopac.

From there, Scott moved to St. Andrew's Golf Club as an assistant. "Scott is all about learning and perfecting his craft," says Anglebrook Superintendent Lou Quick about Scott's unconventional move. "When



Scott Imbro

the position for assistant opened up at Anglebrook," continues Lou, "Scott saw yet another opportunity to learn a different course and operation."

My favorite thing about working at Anglebrook," says Scott, "is that Lou gives me the freedom to run the crew and provide input into the maintenance operation and programs."

But Anglebrook's not the only arena where Scott is being called on to give his input. A member of the MetGCSA since 1996, he's recently accepted a seat on the Met board as the Class C representative.

Outside the Business

Though Scott's one of those who seems to take great pleasure in what he does for a living, he still carves out time for a few extracurricular activities: Hunting, fishing, and reading are among his favorite pastimes.

At the end of day, Anglebrook is a pursuit he enjoys about as much as any other. "This is an outstanding facility, and it's been a pleasure to work here," he says.

Scott and Lou hope all the Class Cs found Anglebrook a pleasure too.

Lou Quick is superintendent at Anglebrook Golf Club in Lincolndale, NY.

Anglebrook Super Welcomes Assistants Championship

by Scott Imbro

Lou Quick, Anglebrook Golf Club's one-and-only superintendent for the past 11 years, was quick to agree to host this year's annual Assistants Championship. "I'm a big believer in the work of the association," says Lou. "Hosting this event was the least I could do for the association—and its assistant members."

Wrapping up its ninth golf season, the course still plays as architects Robert Trent Jones Sr. and Roger Rulewich intended it. "It's a true golfer's course," explains Lou, who was brought on board in 1995 in time to help manage the course construction. "Jones and Rulewich used the original topography to challenge even the longest player."

The tourney contestants had a picture-perfect autumn day on October 20 to do battle on the links. "The first four holes, here, may be the toughest start in Westchester," says Lou. "The 4th hole is a dogleg left at 602 yards from the tips. The third shot is a carryover across water. I think most found it pretty intimidating," he adds.

Superintendent Bound

A Texas A & M graduate, Lou started his turf career working for landscape design firms in and around Dallas, TX. When the housing market took a dive in the '80s and landscaping became an unaffordable luxury, Lou transferred his experience to the golf course industry, working for a 27-hole daily fee course and new-construction courses north of Dallas and in Houston. "It was my construction experience," says Lou, "that got my foot in the door at Anglebrook."

Lou has found watching the course mature an interesting process. "Each year," he says, "there's a new challenge." But taking on new challenges is what Lou is all about. "He's managed a challenging piece of property—parts of which are built within New York City watershed boundaries and among ancient Indian camping/hunting

Rob Alonzi Brings MetGCSA Members Back to St. Andrew's

grounds—and he's turned it into one of the finest courses around," says meeting host and Assistant Super Scott Imbro.

As the most senior employee at Anglebrook—who's seen the course through the planning, development, construction, and now daily maintenance—Lou is knowledgeable in just about every aspect of club operations. "People look to him," says Scott, "for answers to those tough questions and concerns."

After all these years, Lou is still enamored with his position. "We have all the resources, a great maintenance facility, and an ownership dedicated to the golf course," he says. "I couldn't ask for much more."

Home Sweet Home

Lou lives on the property with his wife, Valerie, and their three children: daughter Kelley, 19, who is currently attending Westchester Community College; Jeremy, 16, who's just started working on a classic Chevelle, with his dad's help; and Ian, 13, who's a computer buff, interested in animation. Valerie is involved in a worthy pursuit, working with more than 150 dogs at Guiding Eyes, an organization that trains seeing-eye dogs.

Lou hopes the tourney contestants enjoyed Anglebrook as much as he and Scott enjoyed hosting them.

Scott Imbro is an assistant superintendent at Anglebrook Golf Club in Lincolndale, NY.

After nearly four years of getting his feet wet as St. Andrew's superintendent, Rob Alonzi invited MetGCSA members back to this picturesque—and historic—club for yet another Annual Meeting.

Held on November 9, this was the Met's second trip to St. Andrew's since 2001, the year Rob signed on with the club. In that time, Rob's undertaken, what he terms, a few much-needed agronomic improvements. When I was hired," he says, "my charge was to raise the level of conditions." And that's just what he's been doing. In 2004, he rebuilt one of the club's weaker greens—#9—and then, after lobbying long and hard for a new irrigation system, he forged ahead with the arduous permitting and approval process he needed to revamp the club's original single-row irrigation system. "We're installing—as we speak—a three- and four-row system with all the bells and whistles," says Rob, who's looking forward to entering the 21st century in golf course irrigation.

Next possible targets for improvement: the driving range and practice facility. "We've been talking about moving our 3rd hole to allow for a larger driving range and practice facility," explains Rob, who's hopeful that the project, though somewhat controversial, will go through... eventually.

Born Into the Business

"I couldn't be more pleased with the job," says Rob, who holds a B.S. from UMass, with not only a major in plant and soil science, but also a minor in business.

Formerly assistant at Tamarack, Rob is amply experienced. Eating, sleeping, and breathing course maintenance throughout his childhood years—Robert (Fenway GC) is his father; Joe (Westchester CC) is his uncle—Rob had a long list of mentors.

Before his true indoctrination into the business working as Jeff Scott's assistant at Tamarack (1997 to 2001), Rob worked for Steve Renzetti at Wykagyl from '95 to '97;



Rob Alonzi

for Bruce Cadenelli at Caves Valley from '93 to '94; and last but not least, for his father, Robert Alonzi, since he was—according to Rob—"knee-high to a grasshopper."

Like his father, Rob, too, is an active member of the MetGCSA. He was elected to the board of directors last year, accepting the position of co-editor of the *Tee to Green*.

With ongoing challenges at work and a young family at home, Rob says he has little time and energy for "extracurricular" activities. His once-upon-a-time favorite pastimes, he says, were skiing in the winter and softball in the summer. "One day I'll have time again," he says, "when the kids are older and we can enjoy doing these things together."

Rob and his wife of five years, Ann Marie, have two children—Nicholas, 3, and Sarah, 1—and they live in Port Chester, NY, just a 15-minute commute to the club.



Winning Scores in the Poa Annual and Met Championship

With the crazy season we've had this year, it was no surprise that our August 15 Poa Annual and First Round Met Championship were ushered in by less-than-ideal weather conditions. The night before our Monday outing, Oak Hills Park Golf Course—and many others—received more than 5 inches of rain in a very short period of time.

Host Superintendent Glen Dube and his staff did a tremendous job making the course playable. According to Glen, he used every pump in his arsenal to alleviate the surface water. After the round of golf, everyone convened on drier ground—in Oak Hills Park's brand-new restaurant facility. Special thanks to the entire Oak Hills Park staff for an enjoyable day.

Proceeds from the Poa tournament are being donated to NYSTA for turfgrass research. Special thanks, also, to all the patrons who sponsored tees. Your support is greatly appreciated.

Here's how contestants fared in the Poa Annual and in what became not just the first, but also the final round of the Met Championship.

Poa Annual Tournament Results

Best Ball Gross

Glen Dube, <i>Oak Hills Park Golf Course</i>	69
Blake Halderman, <i>Brae Burn CC</i>	
Mark Chant, <i>Colonial Springs GC</i>	69
Shawn O'Sullivan, <i>E/T Equipment Company</i>	
John Carlone, <i>The Meadow Brook Club</i>	71
Tim O'Neill, <i>CC of Darien</i>	

Best Ball Net

Les Kennedy, <i>Blind Brook Club</i>	60
Frank Amodio, <i>Valley View Greenhouses</i>	
Peter Rappoccio, <i>Silver Spring CC</i>	62
Matt Ceplo, <i>Rockland CC</i>	
John Parmelee, <i>Indian Springs GC</i>	63
Jim Gaiser, <i>Clearview Park Golf Course</i>	

Closest to the Pin

Earl Millett <i>Ridgeway CC</i>	Hole #3, 10' 3"
Mark Chant <i>Colonial Springs GC</i>	Hole #5, 7' 2"
Mike Cook <i>The Care of Trees</i>	Hole #13, 8' 8"

Longest Drive

Charlie Siemers, <i>Lesco, Inc.</i>	Hole #10
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First & Final Round of the Met Championship

Gross Leaders

Blake Halderman, <i>Brae Burn CC</i>	70
Mark Chant, <i>Colonial Springs GC</i>	74
Matt Ceplo, <i>Rockland CC</i>	75
Earl Millett, <i>Ridgeway CC</i>	76
Mark Millett, <i>Old Oaks CC</i>	77
John Carlone, <i>The Meadow Brook Club</i>	77
Les Kennedy, <i>Blind Brook Club</i>	80
Tim O'Neill, <i>CC of Darien</i>	81
Tony Grasso, <i>Metropolis CC</i>	82
Chris Smith, <i>Hudson National GC</i>	82

Net Leaders

Blake Halderman, <i>Brae Burn CC</i>	63
Mark Chant, <i>Colonial Springs GC</i>	66
Tim O'Neill, <i>CC of Darien</i>	69
Mark Millett, <i>Old Oaks CC</i>	71
Lou Quick, <i>Anglebrook GC</i>	71
Jason Ziesmer, <i>Minisceongo GC</i>	71
Matt Severino, <i>Scarsdale GC</i>	72
Bob Johnston, <i>Lake Success Golf Course</i>	72
Tom Leahy, <i>Sleepy Hollow GC</i>	72
Glen Dube, <i>Oak Hills Park Golf Course</i>	73
Peter Rappoccio, <i>Silver Spring CC</i>	73
Earl Millett, <i>Ridgeway CC</i>	73
John Carlone, <i>The Meadow Brook Club</i>	73

— Chuck Denny

The Grand Finale of the 2005 MetGCSA Two-Ball Championship

In the Semi-Finals . . .

The 2005 Two-Ball Tournament had some great matches early on, but in the semi-finals in both flights, no one made it to the 17th tee. In the First Flight, Alexander/Dudones defeated Dickinson/Lafferty 3 & 2 at Apawamis. Alexander/Dudones were up 5 after 7 holes, but their competitors fought back to a respectable showing.

The other First Flight Semi-Final match included Benedict/Lippman vs. Cain/Wentworth. On paper, you would think you could sell this on Pay PerView, but the word on the street is that Wentworth was present only for moral support. Wentworth's normal reputation of being a great grinding match player was not evident as Cain did his best to fight off Benedict/Lippman but came up short with another 3 & 2 loss at Whippoorwill.

The Second Flight also had some sleeper matches as Flynn/Rappoccio soundly defeated Collins/Lerner 6 & 4 at Branton Woods. (Like others who fell before him,

Collins found out that playing your "home" course doesn't always result in a victory.) And then Leahy/Millett defeated Calladio/Fuller 3 & 2 at Oak Hills Park.

In the Finals . . .

There was definitely a little more competition for the championship than in the semi-finals. One could speculate that the sandbaggers finally met up with each other, but whatever the case, it was nice to see we had a couple great matches and, most importantly, that everyone had a great time.

Alexander/Dudones continued their winning ways by defeating Benedict/Lippman 2 & 1 at Bedford. (Dudones, a new father and starting a new job, still had time to hone his game. He's my hero!) In this case, it was actually Alexander who put the final nail in the coffin when he birdied the 17th hole, making them the 2005 First Flight champions.

The Second Flight finals also had some drama as Flynn/Rappoccio sank a par putt on #18 at Sunningdale to defeat Leahy/Millett 1

up and bring home the Second Flight championship. Another great finals match that came down to the wire!

Many Thanks

Congratulations to First Flight winners Grover Alexander of Hudson Hills Golf Club and Dave Dudones of North Jersey Country Club and to Second Flight winners Dennis Flynn of D & D Construction and Peter Rappoccio of Silver Spring Country Club.

In addition, I would really like to thank all the participants. It's important to get out there for a little friendly competition and to network with our peers.

I would especially like to thank the superintendents at the courses who agreed to host our matches. If it weren't for your gracious hospitality, this event would not be possible.

Be sure to keep your eye out for the next Two-Ball Championship Qualifier coming up in April 2006!

— Blake Halderman, CGCS

From the Board of Directors

A Special Thank You to Our Advertisers

As we approach the close of another year, the Met board of directors would like to recognize—and remind members of—the valuable support our affiliate members provide our association. For some, it goes well beyond paying their yearly dues and participating in the monthly meetings. It means supporting our association by purchasing advertising and Tee Signs at our April meeting.

Like major publications, the Met relies on the sale of advertising to generate income to support many of our member services, not the least of which is the *Tee to Green* and the publication of our annual directory.

In the past five years, we've seen a dramatic drop in advertising revenue; in fact, since 2000, it's fallen by a startling \$38,000. This is now causing us to take a long, hard look at how we will handle some of our services going forward.

Heeding some of the feedback we've received from our affiliate members, we have tried to expand our menu of advertising options—and we are still at work, attempting to add advertising options, once again, to the *Tee to Green*. (Watch for a future announcement of options.)

In 2005, 40 of our 65 affiliates have supported our association through advertising, and we'd like to thank each and every one of them by publishing their names and level of support. A list follows. (Please see the accompanying box detailing what's encompassed in the various advertising packages.)

Ace Package (\$2,645)

Atlantic Irrigation Specialties, Inc.
Metro Turf Specialists
Steven Willand, Inc.

Double Eagle Package (\$2,170)

Aquatrols Corporation of America
Down to Earth
E/T Equipment Company
The Roger Rulewich Group
Turf Products Corporation

Eagle Package (\$1,180)

Leggette, Brashears & Graham, Inc.
Plant Food Company, Inc.
Soil Solutions, LLC
Syngenta Professional Products

Birdie Package (\$1,010)

Harrells Turf Specialty
Wilfred MacDonald, Inc.

Par Package (\$865)

Cardinals Inc.
Greenacres Company
Storr Tractor Company
The Pond Connection
Westchester Tractor, Inc.
Westchester Turf Supply, Inc.

Patron (\$580)

Al Preston's Garage Inc.
Argento & Sons, Inc.
Blue Ridge Peat Farms Inc
Glenmoore Landscape Service
Ira Wickes/Arborists
Irra-Tech, Inc.
Louis Delea & Sons, Inc.
Lesco, Inc.
Surfside Wetting Agents
Tee & Green Sod, Inc.
The Care of Trees
The Terre Company of NJ, Inc.
Tuckahoe Turf Farms, Inc.
Valley View Wholesale Greenhouses

Half-Page Advertisement (\$425)

A.G. Enterprises

Tee Signs / April Meeting (\$175)

AT Sales Inc.
Central Irrigation Supply
DP Golf Associates, Inc.
Emerald Isle, Ltd.
Grass Roots, Inc.
Lesco, Inc.
The Care of Trees
The Terre Company of NJ, Inc.

Once again, thank you to our affiliates for your support, and as always, we encourage our superintendent members to *please support those who support our association.*

Pick Your Package

What follows is a list of our current advertising packages. The 2006 advertising packets will be out in late November and will offer even more options as we try to stimulate advertising revenue.

Tee to Green inserts will continue to be offered in each issue on a first-come, first-served basis, and we'll be conjuring up some other options, as well, for those interested in advertising directly in the pages of *Tee to Green*.

In the meantime, if anyone has any questions or feedback on how we might better meet your advertising needs, please contact Glenn Perry at 203-762-9484 or by email at gsupt@optonline.net.

Ace Package (\$2,645)

1. *Tee to Green* Patron Ad
2. Met Directory Cover Ad
3. April Tee Sign
4. Website Banner
5. One Free MetGCSA Golf Meeting

Double Eagle Package (\$2,170)

1. *Tee to Green* Patron Ad
2. Met Directory Tab Ad
3. April Tee sign
4. Website Banner
5. One Free MetGCSA Golf Meeting

Eagle Package (\$1,180)

1. *Tee to Green* Patron Ad
2. Met Directory Full-Page Ad
3. April Tee Sign

Birdie Package (\$1,010)

1. *Tee to Green* Patron Ad
2. Met Directory Half-Page Ad
3. April Tee Sign

Par Package (\$865)

1. *Tee to Green* Patron Ad
2. Met Directory Quarter-Page Ad
3. April Tee Sign

Note: There is a free Patron listing in the Directory for all packages.

Patron Directory

Patrons listed on this page are supporting our association. You are encouraged to support them.

- Al Preston's**
Gary Shashinka
810 Howe Avenue
Shelton, CT 06484
203-924-1747
- Aquatrols Corp. of America**
Kevin P. Collins, N.E. Territory
Manager
1273 Imperial Way
Paulsboro, NJ 08066
609-841-2077
- Argento & Sons, Inc.**
Louis Argento
1 Prospect Avenue
White Plains, NY 10607
914-949-1152
- Atlantic Irrigation Specialties, Inc.**
Ray Beaudry
111 Lafayette Avenue
N. White Plains, NY 10603
914-686-0008
- Blue Ridge Peat Farms**
Gene Evans
133 Peat Moss Road
White Haven, PA 18661
570-443-9596
- Cardinals Inc.**
John Callahan
Complete Distributor of Golf Course
Accessories & Turf Maintenance
Supplies
800-861-6256, FAX 860-673-8443
- Down To Earth**
David Griffin
All Phases of Golf Course
Construction
914-576-7693, CELL 914-413-3173
- E/T Equipment Co.**
Bruce Pye / John Rizza
425 South Riverside Avenue
Croton, NY 10520
914-271-6126, FAX 914-271-6146
- Glenmore Landscape Service**
Glenn S. Moore
PO Box 890
South Salem, NY 10590
914-533-5554, FAX 914-533-0055
- Greenacres Company**
Dave Pijnenburg
75 Codfish Hill Road
Bethel, CT 06801
203-748-0558
- Harrell's Turf Specialty**
Joe Stahl
795 Rt. #148
Killingworth, CT 06419
203-209-6951
- Ira Wickes / Arborists**
John W. Wickes
11 McNamara Road
Spring Valley, NY 10977
845-354-3400
- Irra-Tech, Inc.**
Joseph D. Kennedy
18 Merritt Street
Port Chester, NY 10573
914-937-7273
- Leggette, Brashears & Graham, Inc.**
Robert Good
126 Monroe Turnpike
Trumbull, CT 06611
203-452-3100
- LESCO, Inc.**
Charlie Siemers
65 Primrose Street
Katonah, NY 10536
914-755-4202
- Louis DeLea & Sons, Inc.**
444 Elwood Road
E. Northport, NY 11731
631-368-8022
- Metro Turf Specialists**
"Customers, Our Top Priority"
203-748-GOLF, FAX 203-743-0458
EMAIL mail@metroturfspecialists.com
- Plant Food Company, Inc.**
"The Liquid Fertilizer Experts"
Tom Weinert
914-262-0111 / 800-562-1291
- Soil Solutions LLC**
Anthony Decicco / John Decicco
7 Whittemore Place
Ryebrook, NY 10573
914-393-0659, FAX 914-939-5010
- Steven Willand, Inc.**
Gary Mathis
4 Production Drive
Brookfield, CT 06804
203-775-5757
- Storr Tractor Company ~
Flowtronex**
Rick Krok / Gary Lynott
3191 U.S. Hwy. 22
Somerville, NJ 08876
800-526-3802, FAX 908-722-9847
- Surfside Wetting Agents**
Liquid ~ Granular ~ Pellets ~
ZAP! Defoamer
Robert Oechsle: 800-401-0411
- Syngenta Professional Products**
Lee A. Kozsey
Banner Maxx, Primo Maxx, Subdue
Maxx, Daconil, Heritage, Medallion
610-861-8174, CELL 215-796-0409
- Tee and Green Sod, Inc.**
Golf Course Sod Products / Installation
Wayne Rice: 401-641-2972
Dave Wallace: 401-789-8177
- The Care of Trees**
Mike Cook, NY: 914-345-8733
Jim Twomey, NJ: 201-445-4949
Ken Clear, CT: 203-847-1855
- The Pond Connection**
Jeff Stahl
203-858-4136
NY / NJ / CT
- The Roger Rulewich Group**
David Fleury / Marshall Victor
Golf Course Design, Renovation, &
Construction
800-465-3668, FAX 413-648-0211
- The Terre Company of
New Jersey, Inc.**
Byron Johnson
Seed, Pesticides, Nursery Stock, &
Fertilizer
973-473-3393
- Tuckahoe Turf Farms, Inc.**
Skip Deubel
800-243-7582, CELL 860-306-8883
www.tuckahoeturf.com
- Turf Products Corp./TORO**
Bryan Diggle, Irrigation
860-874-2812
Richard Schock Jr., Equipment
860-729-2237
Scott Wosleger, Yamaha Golf Cars, &
Utility Vehicles: 860-306-6400
- Valley View Wholesale
Greenhouses**
Frank Amodio
229 Smith Ridge Road
S. Salem, NY 10590
914-533-2526, FAX 914-533-2050
- Westchester Tractor Inc.**
John Apple
14 Meadow Street
Goldens Bridge, NY 10526
914-232-7746
- Westchester Turf Supply, Inc.**
Bob Lippman / Dave Lippman
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845-621-5067, FAX 845-621-7180
EMAIL westturf@suscom.net
- Wilfred MacDonald, Inc.**
Glenn Gallion
19 Central Boulevard
S. Hackensack, NJ 07606
888-831-0891