

**June 2007** 

# SCOTT RAMSAY, CGCS RECEIVES GOLF COURSE SUPERINTENDENT OF THE YEAR AWARD FROM GOLF SUPERINTENDENT MAGAZINE.

Scott Ramsay is the first superinten- gone unnoticed. The Course at Yale Athletic Department. dent from Connecticut to receive the is now ranked the #1 college course award which is in its' seventh year. in America. Ramsay credits his staff, A member of CAGCS since 1984 in Holyoke, Massachusetts, Scott has ran with willing to try new ideas and Relations Chairman. been at Yale since August of 2003.

procedures. Ramsay also credits Golf

The Course at Yale superintendent Improvements at the course have not Director Peter Pulaski and the Yale

Previously superintendent at Tower Jimmy Burgh, Larry Mingione, Vin- Scott presently serves on the Board Ridge in Simsbury and The Orchards ny Capobianco and Mike "Mo" Mo- of Directors and is our Government



# IN THIS ISSUE...

President's Message2
Waitea Patch & Calendar3
NERTF Funding4
Grasscatcher6
April Meeting Results7
Lake Of Isles8
S&R Meeting Results9
The June Swoon10-11



Keith Angilly, President

Everyone once in a while we are reminded how fragile life really is. Our good friend and past President Wayne Urban recently had a heart attack. Thankfully it was a minor one and served as wake up call to make some changes in his lifestyle. Only Wayne could have a heart attack and get

Connecticut Clippings is an official publication of the Connecticut Association of Golf Course Superintendents P.O. Box 3678 Woodbridge, CT 06525 Mary Jo Kennedy Telephone 203/387-0810 Toll Free Tel: 888/561-7778 Fax: 203/387-7866 e-mail: cagcs@sbcglobal.net

> Newsletter Editors Bob Chalifour, CGCS (Ret.) Heather Garvin

Newsletter Committee Dave Basconi & Les Kenedy,Jr. -Photography, John Garcia, Edward Goodhouse, Ron Holcomb, Mike Mooney and Jud W. Smith

> Newsletter Designer Marysia Brejwo

#### www.cagcs.com

The Clippings is open to all commentary. Please send your comments to: Bob Chalifour, Newsletter Editor 39 First Street Groton, CT 06340

# The President's Message

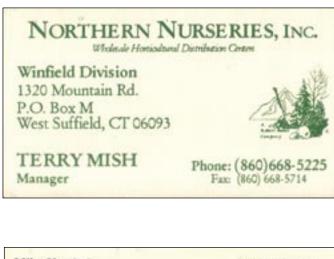
a few hours of sleep before going to the hospital! Anyway, as the stress level of our jobs starts to increase remember to take of yourself. I know from my own experience, it is real easy to get caught up in the pace of the season and not eat right and take care of our health.

On May 9th I was invited to attend the CSGA media day at New Haven CC. For most of us, it is almost instinctive to avoid the media and the spotlight in general. Hopefully we can continue to improve in this area. It was an interesting event and had I the opportunity to play golf with a couple of sports writers from down here in the Fairfield area.

At the time I am writing this, we have had a couple of meetings so far. Both events were excellent. Shawn Daigle, our host

superintendent at Fox Hopyard Golf Club, and Curtis Tyrell, our host Superintendent for the S&R at Lake of Isles, did outstanding jobs preparing their courses for the meetings. Our June meeting will be held at long time member Al Adaskaveg's golf course, Rockledge Country Club followed by our July meeting at new member Bryan Barrington's golf course, The Golf Course at Oxford Greens. Finally, August will mark a return to our golf committee chairman Sean Flynn's golf course, Great River Golf Club, for the annual Invitational. Thanks go out to all these members for stepping up and volunteering their courses for our meetings. If you have never held a meeting, please consider doing so. It is a rewarding experience.

Good luck, Keith Angilly







#### Brown Ring Patch (aka, Waitea Patch)

Brown ring patch is a relatively new disease that has been appearing throughout the region for the past few years. Symptoms are often confused with yellow patch and fairy ring. The disease appears to be most severe during the late spring and early summer months as temperatures begin to increase. For more information on brown ring patch, please visit www.turf.uconn.edu/factsheets.shtml. Photo couresy John Kaminski, University of Connecticut.



# Pegasus" L, Pegasus DF, Firebird GC, Vital, Kestrel, Lucid, Current, Knighthawk & Symmetry

Contact: Rick Grant at 317-776-9983 or visit www.phoenixenvcare.com

Pegasus, Krightweik, Gurent and Spinnetry, are tudersaka of Proenix Environmental Gare LLC, Vtal III a registered tudermark of Lucernourg-Panol, Inc. Lucki III a tudersak of Polani USA, Provid and Kestelli are registered tudersaks of Proenix Environmental Care LLC Farebrid GC III a Restricted Use Pesticide. Always read and follow label directions.

	Ju
Leggette, Brashear	
A Tradition of Eccellen	-
There's no substitute f	or experience
LBG is backed by over 60 years of ex track record on golf course projects.	
<ul> <li>Irrigation and potable water-su</li> <li>Hydrogeologic testing and evaluation</li> </ul>	
<ul> <li>Water diversion permitting</li> </ul>	Se
<ul> <li>Stormwater runoff management</li> <li>Pond design and permitting</li> </ul>	
<ul> <li>Site engineering and constructi</li> <li>Wash water treatment-system</li> </ul>	on oversight design and permitting
<ul> <li>Contamination assessment and</li> </ul>	the second se
Contact Rob Good at: (860) 678-04	M   (203) 929-8555
www.lbgweb.com	Member Since 2001

CONTRACTOR OF A DATA OF A DATA

# Calendar

June 20	UMASS Turf Field Day at
	Joseph Troll Research Center
July 16	The Golf Cub at Oxford
-	Greens, Supt. Brian
	Barrington
July 19	New Britain Rock Cats
5	(Minnesota Twins Affilate)
	vs. Trenton Thunder
	(Yankees Affilate)
August 15	CAGCS Invitational, Great
0	River GC, Sean Flynn, Supt.
August 22	URI Turf Field at Richard
0	Skogley Research Center
September 9	Family Day Lake Compounce
September 11	Gillette Ridge GC,
1	Supt. John LaBrie
October 9	Watertown GC,
	Paul Bonini,CGCS
November 5	Annual Meeting The Club
November 5	at River Oaks, Chuck
	Walnoha III, Supt.

a hard street

# New England Regional Turfgrass Foundation Funding (as of May 10, 2007)

1	Biological Disease Control in Turf: A Unique Approach Utilizing Newly Developed Carrier Technology for a New Anti-Pathogenic Activity
2	Bacterium, Dr. William A. Torello, University of Massachusetts Biology and Control Of The Annual Bluegrass Weevil On Golf Courses
3	Dr. Patricia J. Vittum, University of Massachusetts Cultivar Development and Management of Velvet Bentgrass
5	Dr. Ruemmele, Dr. Jackson, Dr. Nathaniel Mitkowski, University of Rhode Island
4	Evaluation of Reduced Mowing Heights vs. Wear on Cool-Season
1	Turfgrasses, Dr. Bridget Ruemmele, University of Rhode Island
5	Biology of Microdochium nivale and Management of Fusarium Patch
0	(pink snow mold) in New England (and parts of New York)*
	Dr. Gail Schumann, University of Massachusetts
6	Reduced "Golfer/Recreational" Exposure to Turfgrass Pesticides
	By Mgmt, of Post-Application Irrigation and Application Rates
	Dr. John Clark, University of Massachusetts
7	Integrated Pest Management of Turfgrass in Massachusetts
	Mary Owen, University of Massachusetts
8	Seasonal History and Chemical Control of European Chafer in Relation
	to Degree-Days in New England Turf
	Dr. Stanley Swier, University of New Hampshire
9	Potential for Use of Anhydrous Ammonia as a Nematicide, Fungicide,
	and Fertilizer on Golf Greens
	Dr. Steve Alm, University of Rhode Island
10	Interactive effects on N and K on Drought Avoidance of Turfgrass
	Maintained as Fairway Turf
	Dr. Scott Ebdon, University of Massachusetts
11	Characteristics in Diverse Wear Tolerant Genotypes of Kentucky Bluegrass**
	Dr. Scott Ebdon, University of Massachusetts
12	Leptosphaerulina spp. as a Pathogen of Turf on New England Golf Courses
	Dr. Nathaniel Mitkowski, University of Rhode Island
13	Evaluating Turf Tolerance In Poorly Drained Soil Covered By Ice
	Dr. John Roberts, University of New Hampshire
14	Biology of Xanthomonas translucens pv. Poae and the Identification of
	Related Epiphytes on Golf Course Putting Greens
1 -	Dr. Nathaniel Mitkowski, University of Rhode Island
15	Seeking Alternatives to Nemacur: Evaluation of Natural Suppression
	and Testing of New Products.
17	Dr. Robert Wick, University of Massachusetts
16	Reduced Golfer Exposure to Turfgrass Pesticides by Management of Post- application Irrigation, Application Rates and Coverage Area (Ext. to #6)
	Dr. John Clark, University of Massachusetts
17	Managing Pesticide Exposure from Treated Turf
17	Dr. John Clark, University of Massachusetts
18	Entomopathogenic Nematodes, Milky Spore Disease and Pheromone
10	Disruption for Control of Oriental Beetle
	Dr. Steve Alm, University of Rhode Island
19	Wear Stress Mechanisms in Cultivars of Creeping Bentgrass
17	and Velvet Bentgrass
	Dr. Scott Ebdon, University of Massachusetts
20	Symposium: Specification, Design and Construction of New and
-	Renovated Sports Fields
	Mary Owen, University of Massachusetts
21	University of Massachusetts Turf Research Building, Joseph Troll Research Center
	(\$35,000/yr. for 5 years)

#### June 2007

- 22 University of Connecticut Turfgrass Diagnostic Laboratory Dr. John Kaminski, University of Connecticut
- Impact of Nozzle-type, Application Timing, and Fungicide Resistance On Dollar Spot
   Dr. John Kaminski, University of Connecticut
- A Survey of the Fungicide Resistance Spectrum of Anthracnose In New
   England and Development of a Preventative Fungicide Resistance Model
   Dr. Nathaniel Mitkowski, University of Rhode Island
- Relationship Between Cell Wall Components and Nitrogen Use
   Efficiency In Dollar Spot
   Resistance In Agrostis Species and Cultivars, Drs. DaCosta, et al, University of Massachusetts
- 26 Managing Reduced Risk Pesticide Exposure from Treated Turf Dr. J. Clarke, University of Massachusetts
- 27 AgroNeem and NeoTrol for Efficiency against Plant Parasitic Nematodes
- Dr. Robert Wick, University of MassachusettsStrategies for Managing Turfgrass Ants on Golf Courses in
  - New England Dr. Patricia Vittum, University of Massachusetts



New England Regional Turf Foundation Bob Ruszala, President, David Rosenburg, Show Director, Ted Maddocks, Immediate Past President, Gary Sykes, Executive Director. Thank you for a nice job.

# STAHL HOLDINGS L.L.C.



- Rye Golf Club
- Farmington Woods
- Redding C.C.
- Glen Arbor C.C.
- Quaker Ridge C.C.
- Great Rock C.C.
- C.C. of York

- Fernway G.C.
- Tuxedo Club
- Fishers Island
- Round Hill Club
- Hudson Hills
- Trump National
- Rock Ridge

# Jeff J. Stahl 203-858-4136

- Piping Rock
- Wheatley Hills
- Nassau C.C.
- Marthas Vineyard
- Old Oaks C.C.
- Palmerton C.C.
- Tamarack C.C.

# ESD Waste 2 Water

- Wash Water Recycle Systems
- Equipment Wash Water Treatment
- Bulk Chemical Mix and Load
- Chemical Storage Buildings
- · Roll Over Chemical Mix Pads
- Chemical Containment

### 2007 Installations

- Rolling Hills C.C.
- Sebonic G.C.
- Century G.C.
- Bonnie Briar
- Westchester Hills
- Sunningdale
- Hollowbrook

# **Connecticut** Clippings

#### Page 6

Grass Catcher

CONNECTICUT ASSOCIATION OF GOLF COURSE SUPERINTENDENTS

the second se

*New Members* Nicholas DeBellis, Class C Country Club of Waterbury

Eric Kostak, Class C Country Club of Waterbury

#### Condolences

James Pillion, passed away on 4/29/06 at the age of 90. He was a member since 1967. He was a past Superintendent of Goodwin Park Golf Course. Contributions can be made to the Alzheimer's Association in his memory.

Edward Fanfesti, passed away on 6/28/06 at the age of 95 on Cape Cod. He was a member since 1947. He was the Golf Course Superintendent at Wallingford Country Club for many years until his retirement. His life was devoted to his work on the golf course.

On the passing of Philip Donovan father of Shawn Donovan.

#### Congratulations

Bob Goglia on his new position as the National Marketing Manager for Syngenta's Lawn & Landscape business. He will be based out of Greensboro, NC.

John LaBrie formerly Supt. at Traditions at Wallingford is now Superintendent at Gillette Ridge GC in Bloomfield.

John Ruzsbatsky, CGCS , on his hole-inone on the 18th hole at the CC of Farmington on May 24th. John was playing 9 holes with his assistant Ryan O'Neal when his four iron shot on the 211 yard par 3 hit in front of the pin and then went in. The hole just opened that day after being rebuilt by John and his staff last fall.

#### **Best Wishes**

Best wishes to Wayne Urban on his recent surgery. "Just a quick note to let you know that I am doing just fine. It was a mild heart attack, which was a definite wake up call. I appreciate all of your kind thoughts & prayers. Thank you for the wonderful get well card, it brought tears to my eyes." - Wayne Urban

Ouch! Wishing a speedy recovery. Gary DePaola is recovering from a ruptured achilles tendon.

Recovering from operation, Dwayne Ayotte, mechanic at Pequabuck GC.

#### News!

Glen Moore has informed CAGCS that he has placed his business, Glenmore Landscape Service up for sale due to health and personal reasons. He is now employed with Valley View Greenhouses in South Salem, NY. Wishing you the best in your new endeavors!

Kevin Collins formerly at Traditions at Windsor is now at Traditions at Wallingford.

Check out Connecticut Golfer feature about Gary, Tom and Kevin DeVaux.

**GCSAA Class A Update.** Congratulation to the following members of the Connecticut Association of GCS who were assigned to the initial four-year Class A renewal cycle and have successfully completed all the requirements for maintaining their Class A status. These individuals have obtained at least 4.0 points, a minimum of 1.6 coming from education points and have demonstrated environmental stewardship by possessing a pesticide license in the state of their employment or successfully passing GCSAA's IPM exam.

Mr. Thomas M. DeGrandi, Mr. Edward M. Goodhouse, Ms. Cindy J. Johnson, Mr. Gregory Stent, Mr. Michael Sullivan, Mr. Ted J. Tighe, Mr. Harry D. Ward, and Mr. James E. Weiland.

At the current time, 48% of all GCSAA Class A members who were assigned to the initial four-year renewal cycle have successfully completed all the requirements.

CAGCS BOARD OF DIRECTORS President – Keith A. Angilly Vice President – Christian P. Mauro Secretary – Kimberly J. Heyl Treasurer – John Garcia Past President – Wayne C. Urban

#### COMMITTEE CHAIRPERSONS Education – Mark B. Mansur Golf – Sean Flynn Membership – Bruce Morse Scholarship & Research Paul Bonini, CGCS Social & Welfare – Donald Beck Government Relations Scott Ramsay, CGCS Commercial Rep to Board Peter Hull Class C Rep to the Board Scott Lund



# **Connecticut Clippings**

# **April Meeting Results**

A STATISTICS AND A STATISTICS

Fox Hopyard Golf Club Monday, May 1, 2007

1st Gross: Jud Smith, Orange Hills CC Michael Dukette, HTS Wayne Urban Sean Flynn, Great River CC 2nd Gross: Keith Angilly, Mill River CC Tom Wecal Matt Howland, Shawnmark Ind. Jesse Blackmere 3rd Gross: James Stafstron, Club Car, Inc. Mark Osborn, Steven Willand Inc. Marc Maxim, Candlewood Valley CC

1st Net: Heather Garvin, Chas. C. Hart Seed Co. Philip Neaton, Black Hall Club Brian Skelly, Old Lyme CC Sandy Marcks 2nd Net: Bob Chalifour, Holliston Sand Co. Richard Cook Al La Prise, Allens Seed Store, Inc. Robert Good, Leggette, Brashears & Graham 3rd Net: Marc Weston, Indian Hill CC Kenneth Ainsworth, Indian Hill CC James Wierzbicki, HTS

Closest to Pin #4 - Jim Stafstrom, Club Car Longest Putt #15 - Eric Hulland, Troon Golf Lake of Isles Closest to the Line - Jay Booth, Woodbridge CC Longest Putt #8 - Richard Cook Closest to the Pine #11 - Phil Neaton, Black Hall Longest Drive - Sean Flynn, Great River CC

Kicker #1: Shawn Daigle, Fox Hopyard GC Michael Lorch, Golf Club of Avon Chris Cowan Kicker #2: John Ruzsbatzky, CC of Farmington Paul Bonini, Watertown GC Ryan O'Neal, CC of Farmington Curtis Tyrrell, Lake of Isles Kicker #3: Kevin D'Amico, Westwoods GC Shawn O'Sullivan, Metro Turf Specialists Mike Streckfus, Rolling Greens GC John Napier, Stanley GC



# NAX FOR TURE

Harrell's **MAX**Line<sup>w</sup> Liquid Nutritionals Fully Chelated. Quick Response. Long-lasting Results.

#### <mark>Get your NPK & Minor</mark>s



	18-3-6 elease N
MAX	Calcium
МАХ	Stress Re <mark>lefe</mark>
МАХ	Minors
2	Root Enhancer
MAX	Ornamental 9-3-6



MAX 12-0-0 with 6% Iron MAX 18-3-6 MAX 4-0-1 MAX 12-2-12

Jim Wierzbicki 860.424.7250 jwierzbicki@harrells.com

Joe Stahl 203.209.6952 jstahl@harrells.com





Bringing Water and Resource Saving Technologies To The Golf Industry for More Than 50 Years

Kevin P. Collins Northeast Territory Manager

37 Oneonta Road • Carmel, NY 10512

845-225-1761 Tel 845-228-1728 Fax 609-841-2077 Mobile

kevin.collins@aguatrols.com

12210110

## LAKE OF ISLES

. . . . . . . .

North Stonington, CT CAGCS - S & R Tournament Monday, May 21, 2007



Director of Agronomy: Curtis Tyrell, CGCS Superintendent, North Course: Eric Hulland South Course: George Harris Director of Golf: Robbie Leming PGA Professional: Brian Kelly General Manager: Archie Cart

The Scholarship and Research Tournament was held early this year and on one of our state's newest golf courses. We have the opportunity to play the South Course of Lake of Isle, which is the private of their two courses. They are Rees Jones designs that opened in 2005, are managed by Troon Golf and owned by the Mashantucket Pequot Tribal Nation.

The two courses were built on 220 acres across Rt. 2 from the Casino's entrance. and are laid out around a 90 acres lake which comes into play on many holes, whether it's the forced carries off the tee over environmentally sensitive areas or on the shots into the green. The South course signature hole is one such hole #11, the par 3 requires a 165-yard tee shot to an island green. The tees and fairways are Seaside II bentgrass which were used because it will accept the water from Foxwoods' effluent treatment plant, the first in the state. The greens are Pennlinks and are quick but not unputtable. Rees chose this grass so he could build the greens he wanted and not have the grass dictate the design.

Our host is Curtis Tyrell, CGCS, is Director of Agronomy and with Superintendents, George Harris and Eric Hulland, have worked together on these courses since the beginning of the project in 2003. Curtis credits Eric and George for much of the success and progress of the two courses. Their hard work and dedication has been the cornerstone of their programs. Curtis is a native of Maryland and began working at golf courses in high school and through college where he received a Bachelor degree in History. While working at the CC of Woodmore for mentor Mike Evans, after graduating from college, he realized this was

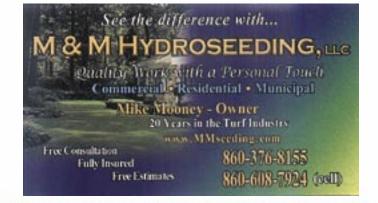
going to be his profession and went to Penn State for the 2-year turf program. Upon completion, Curtis went to work at PGA West for Virgil Robinson during the construction of the 5th course. The opportunity to be assistant at the 36 hole Desert Mountain in Scottsdale, which hosted the Senior Tour's Tradition Tournament, took him to Arizona for three years. The Superintendent's position at Anthem CC in Henderson outside of Los Vegas brought him to Nevada. The Troon Company acquired management of the course in 2002 and when they were looking for a Superintendent to build Lake of Isle, Curtis took the opportunity to get back to the East coast.

Curtis and his wife, Bridget, live in Colchester with their daughters Kaylie, 8, and Meredith, 4. Bridget is a stay at home Mom. In his free time, Curtis enjoys spending time with his family, taking part in the girl's sports, playing golf and guitar, and following the Red Sox. Now that the course is maturing, Curtis looks forward to getting to meetings and becoming acquainted with CAGCS and its members.

Thank you for hosting our Scholarship and Research Tournament. We had a great day and successful fundraiser.

#### Est. 1975





## **Connecticut Clippings**

#### S&R MEETING RESULTS

A LORD AND A REPORT OF A PARTY AND

Lake of Isles Monday, May 21, 2007

#### 1st Gross:

Eric Morrison, Shennecossett GC Ward Weischet, LESCO Kevin Collins, Tradition at Windsor John LaBrie, Tradition GC at Wallingford

#### 2nd Gross:

John Gallagher, Race Brook CC Peter Bly, Brooklawn CC Jud Smith, Orange Hills CC Christopher Mikita, Oak Lane CC

#### 3rd Gross:

Chris Mauro, Highfield CC Bill Murray Tim Broderick Mike McDonald

#### 1st Net:

Heather Garvin, Chas. C. Hart Seed Co. Kimberly Heyl, Fenwick GC William Goewey, Sharon CC Alexander Simpson, Sharon CC

#### 2nd Net:

Thomas DeGrandi, TPC River Highlands Noel Hall, TPC at River Highlands John Kaminski, Ph.D., UCONN Eric Hulland, Troon Golf Lake of Isles

#### 3rd Net:

Thomas DeVaux, Hunter GC Gary DePaola, Hunter GC Kevin DeVaux, Stanley GC David Ryan, Madison CC

#### **Closest to Pin#4:**

Alex Simpson, Sharon GC

**Closest to Pin#10:** Mike McDonald

**Longest Drive #5:** Kim Heyl, Fenwick GC

Longest Drive #12: Patrick Flynn

**Closest to the line #10:** Carl Boyhan

# Your aerification and drainage solution!

Serving NY, CT and Western MA

- DryJect Aeration
- Deep Tine Aeration
- Core Aeration
- FloWick Drainage Systems

37 Oneonta Road • Carmel, NY 10512 • (914) 672-6029



. . .

#### Connecticut Clippings

121/11/10

Page 10

#### THE JUNE SWOON

Jim Skorulski, Senior Northeast Green Section Agronomist & Dave Oatis, Director, Northeast Green Section

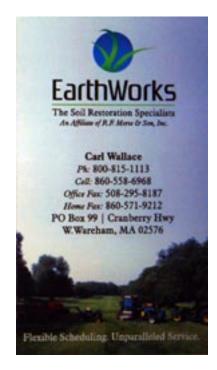
• • • • • • • • •

The June swoon, is unfortunately an all too familiar term to many of us New England baseball fans. Regrettably, many golf course superintendents are familiar with another type of June swoon; one that involves annual bluegrass (AB) on golf courses, especially on putting greens. The decline of AB is anticipated in early-mid June when the plant has completed seeding and the first wave of hot weather arrives. Depending on the weather and seed head production, fertility, soil temperatures, etc. it can range from being fairly minor to quite severe. Usually, the weakest biotypes of annual bluegrass are most affected, and the swoon can signal the onslaught of various diseases such as anthracnose and summer patch.

Several factors are responsible for the decline of annual bluegrass in early

summer. The true nature of the plant itself dictates that the potential for summer decline is likely. As a winter annual, annual bluegrass germinates and grows rapidly in the cooler temperatures of late summer, fall and spring, produces a heavy seed crop and then is expected to die once exposed to stress and heat. Much of the plant's energy is expended to produce seed, and between the rising temperatures and expended energy, there is a dramatic and corresponding die back in root systems. The weakened plants are more vulnerable to disease infection and heat and drought stresses that increase the likelihood of decline and / or failure later in the summer.

To make matter worse, June is usually the time when maintenance is intensified for the annual member-guest tournament or special outing that requires elevated green speeds and firm, dry conditions. Mowing heights often are lowered, mowing frequency increased, and topdressing and vertical mowing practices implemented to ready the surfaces for the special event. Sometimes the practices cause no long term plant damage. However, a spell of severe weather during this same period can quickly change things, leading to a painfully long and potentially humbling experience.





What can be done do avoid the June swoon and remain a winner through the long summer season? Here are a few things to think about:

1. Never take basic agronomics for granted. Drainage, organic matter management, good growing environments, fertility practices, and sound irrigation must be in place if good quality, reliable playing surfaces are to be maintained consistently! Unfortunately, there are no short cuts here and weaknesses in any of the above categories eventually catch up with even the best managers, usually when they are pushing the playability envelope.

2. Develop an annual management plan for the putting greens that includes mowing, rolling, cultivation, topdressing, fertilization and disease management programs. You have to play the hand that is dealt you whether it involves limitations with available resources, staffing, or the greens' infrastructure. Implementing an unrealistic management plan may be successful in the short term but will not be sustainable in the long run. The plan must also be flexible to permit changes to be made based depending on the status of the turfgrass or unusual weather conditions. The program should be presented to and agreed upon by the green committee or owner prior to the season's start. Just about all golf course superintendents will have such a plan, but the key is following it as closely as possible. It is easy to slip into a "deferred" maintenance program whereby important but sometimes disruptive practices are put off. While this may please golfers in the short term, it invites disaster in the long run.

3. With more and more emphasis being placed on surface conditioning, it is probably unrealistic to think that mowing heights will be appreciably raised. However, if greens do not meet the basic agronomic requirements then even slight upward adjustments or a switch to smooth rollers during times of stress can be critical in regards to success or failure. The height of cut probably has the greatest impact on ball roll, but it is not the only means to obtain faster ball roll! Results from Rutgers University anthracnose research have shown that double-cutting and rolling can be used with higher mowing heights to provide similar ball roll and less stress/disease pressure as compared to greens maintained at lower heights of cut. A frequent topdressing program through all but the toughest weather and careful water management will also help to keep the surfaces smoother, firmer and faster at a higher height of cut. A little management and communication creativity will be necessary to meet the conditioning goals in a sustainable fashion.

4. Consciously reevaluate your current management programs weekly beginning in June to determine whether to continue with current practices or if adjustments (i.e. raise cutting heights, switch to solid rollers, reduce mowing frequency. etc.) are necessary. Mark the dates on the calendar if that's what it takes to complete the exercise! Setting firm dates for regular re-evaluations is a great way to keep on top of the most critical decisions.

5. Utilize growth regulators to suppress seed heads in spring. This will help the plants conserve their energy and will leave them better able to tolerate the stresses ahead. Primo applications should be commence following the seed head suppression applications, and Primo usage should continue throughout the summer at spray intervals of 1-2 weeks. The regular and continued use of the growth regulator has been shown to reduce the potential for anthracnose and to improve the stress tolerance of annual bluegrass.

6. Expose the turf, and yes that includes the annual bluegrass, to some drought stress to precondition it for the summer season. This falls more or less into a philosophy of more conservative water management. The key is not to dry things down to permanent wilt point, but let the plants struggle a bit early in the season when the soil temperatures still remain favorable for growth. Some of the more shallow rooted biotypes may bow out early, but that is not such a bad thing as long as it is kept under

control. A "controlled-burn" approach, so aptly named by a superintendent last year, is always preferred over a wildfire. This philosophy will slowly swing the scales in favor of the stronger and more dependable grasses on the greens.

7. Cultivate the greens in June after the annual bluegrass completes seeding and prior to the summer stress. A less disruptive "venting" with microtines, water injection, or air injection will help alleviate surface compaction, encourage water infiltration, improve gas exchange, and stimulate the plants. Consider the less aggressive forms of cultivation similar to giving the team a day off before a grueling road trip.

8. The grass has to have proper nourishment to survive as well. However, early summer is not the time to apply large quantities of nitrogen or potassium. Initiating a spoon-feeding program with nitrogen is most effective for putting green turf at this time of year and through the warmer summer months to maintain vigor without stimulating excessive shoot growth and burning the plants carbohydrate reserves. Nitrogen is by far the most important nutrient for the turf at this point, but potassium deficiencies may also occur if the greens are composed or heavily modified with sand. A complete soluble fertilizer, containing phosphorous, potassium and micronutrients can be used for the early summer applications when the annual bluegrass is at its weakest. Keep in mind that research continues to show that nitrogen deficiencies and anthracnose are strongly correlated.

It is inevitable that annual bluegrass will experience The June Swoon to some degree. However, a well thought out management plan based on the greens' agronomic condition, their growing environments, and the available resources is the best means of maintaining annual bluegrass through a potentially difficult period. Avoid the June swoon and chances are a good summer season will follow.

#### June 2007

#### A-OK Turf Equipment Articulator Dealer, Garden, TyCrop, Blec Wiedenmann, Therrien Coventry, RI 02816/Michael Cornicelli (401) 826-2584 - Fax (401) 826-3749

COMPAREMENT LORD COMPANY AND AN ADDRESS OF A DECK

#### Allens Seed

Seed, Fertilizer, Turf Supplies Exeter, RI 02822 Al LaPrise (401) 741-4444 - (800) 527-3898

# **Anderson Turf Irrigation, Inc.** 5 Crank Road

Plainville, CT 06062 (860) 747-9911 Jesse J. Anderson, Jr.

#### Aquatrols Corp. of America

Innovative Products for Effective Resource Management Kevin P. Collins, N.E. Territory Mgr. (609) 841-2077

#### A. T. Sales Associates

Premium Sod for Golf Courses Lincoln, RI 02865 Owen J Regan (401) 465-8066 - cell

#### **Bartlett Tree Experts**

66 Wooster Heights Danbury, CT 06810 Matt Flanagan, Arborist / Rep. (203) 744-1400 x 17

#### **Bayer Environmental Science**

Dave Sylvester (860) 828-8905 Servicing & Fairfield County Jim Santoro (508) 272-9590 Serving Eastern Connecticut

#### BISCO

Irrigation Supply 60 Stergis Avenue, Dedham MA 02026 (800) 225-8006 J. Anderson, III

#### C.R.I.S., LLC

Golf Course Irrigation P.O. Box 6194 Wolcott, CT 06716 Chris Carney (203) 879-2362

#### The Cardinals, Inc.

Complete Distributor of Golf Course Accessories & Turf Maintenance Supplies John Callahan (860) 673-3699

#### **Championship Turf Services**

Precision Laser Leveling Custom Aerification - Overseeding Sisis Turf Equipment Michael Flowers (800) 562-5860

#### **DGM Systems**

Specialty Products Distributor For Golf & Sports Turf Servicing Your Needs www.dgmsystems.com Office (401) 647-0550 or (877) DGM Products Manny (401) 524-8999 - David (401) 742-1177

# **Connecticut** Clippings

D & S - Floratine The Best Value for Plant and Soil Strength Dave Basconi (860) 349-1291

#### DryJect N.E./TurfPounders

Aerification & Drainage Services Kevin Collins (609) 841-2077 -cell Home Office: (914) 672-6029 Service CT, NY & Western MA

## Earth Works, Inc.

Custom Deep Aerification Service West Wareham, MA 02576 Carl Wallace (800) 815-1113

#### Egypt Farms, Inc.

Sterilized Topdressing, Greensmix Bagged Topdressing & Divot Mix Dean Snyder (800) 899-7645 FAX (410) 335-0164

#### Glenmore Landscape Service

Glenn S. Moore P.O. Box 890 South Salem, NY 10590 (914) 533-5554

#### **Greenacres Company**

Dave Pijnenburg 75 Codfish Hill Rd. Bethel, CT 06801 (203) 748-0558

#### Harrell's Turf Specialty (HTS)

Jim Wierzbicki (860) 424-7250 Joe Stahl (203) 209-6951 Mike Dukette (860) 930-8888 Customer Service (800) 228-6656

#### The Chas C. Hart Seed Co.

Wethersfield, CT - Roy Sibley, P. Bednarczyk, Heather Garvin (860) 529-2537 or (800) 326-4278 Quality Since 1892

#### James Carriere & Son, Inc.

Bill Carriere (914) 937-2136 Trap Sand Partac Top Dressing Const Mixes Decorative Stone

#### Leggette, Brashears & Graham, Inc. Professional Ground-Water and Environmental Engineering Services Office in Shelton & Farmington Rob Good (860) 678-0404

LESCO, Inc. Cleveland, Ohio 44114-1882 (800) 321-5325 (856) 692-8217

#### Metro Turf Specialists Customers, Our TOP Priority for 40 years Dennis Petruzzelli, CGCS (203) 948-4941

Dennis Petruzzelli, CGCS (203) 948-4941 Shawn O'Sullivan (516) 216-0731 Danbury office (203) 748-Golf (4653)

#### **Partac Golf Course Top-Dressing** (800) 247-2326 Fax (908) 637-8421 Bill Carriere (914) 937-2136 Joe Bidwell (860) 651-8555 Jim Wierzbicki (860) 424-7250

**R. F. Morse & Sons, Inc.** ParEx Fertilizer - Power Equipment West Wareham, MA 02576 Carl Wallace (800) 815-1113

#### Shawnmark Industries, Inc.

Specialty Products & Service Warwick, RI 02888 Matt Howland (24 hours a day) (401) 295-1673 - www.shawnmark.com

#### Sodco, Inc.

P.O. Box 2 Slocum, RI 02877 Sean Moran (800) 341-6900 - sodco.net

#### Steven Willand, Inc.

4 Production Drive Brookfield, CT 06804 Mark Osborn - Brett Armstrong (203) 775-5757

#### Syngenta Professional Products

Fairfield County - Dennis DeSanctis (732)580-5514 - email- dennis.desanctis@syngenta.com All other CT Counties - Bob Goglia (860)716-0315 - email - robert.goglia@syngenta.com

#### Tee & Green Sod

5/32" bentgrass, 1/2" bluegrass sod rough, tee & fairway sod; installation Jon Burgess (888) 638-4657 Dave Wallace (401) 641-0306

#### Terre Co.

206 Delawanne Ave. Clifton NJ (973) 473-3393 FAX (973) 473-4402 Byron Johnson Home (203) 748-5069

#### Tom Irwin, Inc.

Turf Management Products Knowledge & Experience You Can Trust Rob Larson (508) 789-0059 Jeff Houde (203) 731-1776 office (800) 582-5959

#### **Tuckahoe Turf Farms, Inc.** www.tuckahoeturf.com Golf Course Turfgrass

Golf Course Turfgrass Skip Deubel (860) 306-8883 (800) 243-7582

#### **Turf Products Corporation**

157 Moody Rd., P.O. Box 1200 Enfield, CT 06083 John Ferry - Mark Loper (800) 243-4355

#### The Turf & Pond Connection

Joe Stahl (203) 209-6951 Jeff Stahl (203) 858-4136 Scott Tretera (914) 262-8638 www.theturfconnect.com

#### Westchester Turf Supply, Inc.

"Servicing Golf Courses for over 30 years" Bob Lippman (914) 447-6257 Dave Lippman (914) 447-5192 Office (845) 621-5067 - westturf@comcast.net