

SB
133
A1
38
KNO. 91



Tee to Green

SERIALS
MAR 25 1988
MICHIGAN STATE UNIVERSITY
LIBRARIES

Jan./Feb 1988

Published by the Metropolitan Golf Course Superintendent Association

Volume XVIII, No. 9

Met GCSA Winter Seminar A Huge Success!

Gregg Stanley
Assistant Property Manager
Woodway Country Club

Those who battled icy roads and inclement weather to attend the Winter Seminar on January 13th at Brae Burn Country Club heard the latest information on many aspects of pesticide usage. The theme for this year's seminar was: Pesticides, The Environment and You. The six speakers covered many important issues that all managers of high quality turf must face in today's climate of environmental concern.

Dr. Martin Petrovic of Cornell University opened the seminar with a speech entitled "Movement of Pesticides in the Soil". Dr. Petrovic mentioned factors that increase or decrease pesticide leaching, sources of water threats, diseases which are related to water contamination, the fate of nitrogen in soils, and the sources of nitrates. According to Dr. Petrovic, although currently there is little research data about the movement of pesticides through soils in turfgrass applications, the few experiments that have been conducted have produced encouraging results.

It seems as though there is far less leaching of pesticides, fertilizers, etc. through the turfgrass soils compared to row crop agriculture. Many experiments are either planned or already under way and most researchers agree that the resultant data will support our industry's contention that golf courses do not pollute the environment, and in fact, preserve it.

The next topic, "Calibration Techniques" was covered by Joe Betulius of ChemFarm, Inc., Mr. Betulius emphasized that with the ever increasing pressure from environmental groups, pesticide applications must be precise. We as professional turf managers must "prescrip-

tion" apply pesticides. In order to ensure proper application, Mr. Betulius stated that the mixture needs to be fed evenly to each nozzle through hoses of the same length, use skids or wheels on the end of the spray boom to prevent streaking, foamers or dyes should be used to ensure proper overlap and also stressed the importance of accurate spray boom controls and gauges.

The last speaker of the morning session, Ms. Vonnie Estes of Agri-Diagnostics Association informed the audience of new developments in "Disease Control Through Bio-technology". Ms. Estes mentioned the disease detection kits now available for pythium, dollar spot and brown patch. These kits detect disease before full symptoms develop and results are provided within one day. Some advantages in using these kits include: a possible reduction in amount of treatments, rapid disease detection prior to full development, help in knowing when to begin and end your spray program, knowing when to re-apply a fungicide and also possibly helping to decide which fungicide to apply. Ms. Estes emphasizes that with liability problems and re-entry restrictions, accurate and rapid disease detection is becoming increasingly important. Agri-Diagnostics plans to develop detection kits for more diseases and shorten the amount of time in the detection process.

The first speaker in the afternoon session was Dr. Barbara Sullivan of the Westchester County Department of Health. In her talk entitled "Employee Exposure and Testing". Dr. Sullivan reviewed the most common types of exposure to our employees and the need

for periodic testing to detect any problems before they become chronic. We were also reminded of the need for Material Safety Data Sheets of all pesticides in our storage building to be on file so that we can quickly get information in case of an emergency.

The next speaker, Gary Watschke of the U.S.G.A., Green Section covered "Pesticide Storage and Disposal". As the most exposure to a concentrated pesticide occurs during mixing, Gary also provided us with many guidelines for safe mixing and handling. In regards to laundering of clothes worn during a pesticide application, Mr. Watschke says that in addition to protective coveralls, the employees' clothes should be washed separately, in very hot water with liquid detergent. Line drying is recommended to prevent contamination of the dryer. After washing the clothes, it is recommended to run an empty cycle to clean the inside of the washing machine so the next load of clothes is not contaminated. (Editor's note: Mr. Watschke also mentioned that the employer should clean the contaminated clothes so that the employees machines are not contaminated. With the new clause in the union contract which states that whenever the club requires employees to wear special uniforms, such uniforms shall be supplied and *laundered* at the expense of the club, isn't it time for us to stop sending people home with contaminated clothes and begin to clean them on the premises).



BOARD OF DIRECTORS

President
Scott Niven, CGCS
Stanwich C

Vice-President
Lawrence Pakkala, CGCS
Woodway CC

Secretary
Timothy O'Neill
CC of Darien

Treasurer
Joseph Alonzi, CGCS
Fenway GC

Past President
Patrick Lucas, CGCS
Innis Arden GC

John Carlone
Middle Bay CC

Bert Dickinson
Westchester CC

Kenneth Flisek
Apawamis C

Anthony Grasso
Willow Ridge CC

Byron Johnson
Terre Co.

Timothy Moore
Knollwood CC

John Musto
Back 'O Beyond, Inc.

John O'Keefe
Preakness Hills CC

Jan Russo
Executive Secretary

TEE TO GREEN STAFF

Advertising Manager:
John O'Keefe 201-694-0260

Editor:
Ken Flisek 914-967-2100

Editorial Committee:
Tony Baviello Jeff McDowell
Ted Horton Mary Medonis
Byron Johnson Tim Moore

Photographer: Dominic Richichi
Staff Writer: Guido Cribari

State of the Association Address

Presidential Message

While listening to President Reagan's "State of the Union Address" last month, I was prompted to also reflect on the current state of the Met GCSA. It quickly became clear that as your new President, I will be taking the helm of what is now a very smooth sailing ship. We have just passed through five years of change and rapid growth, which has been accompanied by a few growing pains and a little controversy along the way. However, the end result is that we have progressed significantly in the efficient operation of this Association and the presentation of ourselves as professionals.

Special thanks are due to all those members who have served on the Board of Directors or committees, and people like Pat Lucas, Peter Rappoccio and Chuck Martineau who have helped lead us to the point where we are today. In a nutshell, the state of the Met GCSA in 1988 looks something like this:

* We have a new Executive Secretary and Printer, both armed with computers to efficiently handle all communications, clerical duties and documentation of our financial affairs.

* Our new directory, which is being republished for release this spring, is nicely bound and provides a compendium of membership information.

* The Tee to Green newsletter has a new look and format which has helped to increase its effectiveness as our primary communications media. Its advertising space has also been sold out year after year, allowing us to realize a slight profit.

* Social events such as the Christmas Party, Summer Cruise and Picnic are well run, very enjoyable and highly attended.

* A new Family Relations committee is being formed this winter which will help Superintendent's spouses and families to better understand our profession and contribute towards a better image of Metropolitan Golf Course Superintendents.

* Scholarship and Research programs are well established, with this year's Christmas raffle raising more money than ever for scholarships, and the promise of significant funds for research to be generated at our inaugural S & R Tourney scheduled for this fall.

* Two very meaningful awards, The John Reid Award and the Sherwood A. Moore Award, have been created to honor those individuals who have made outstanding contributions to the golf industry in the Met area.

* We have an attractive new logo and a nice selection of accessories to help promote and improve our image.

* A new Long Range Planning/Steering Committee which consists solely of past presidents, is a "goldmine of talent and experience," and will act as a guiding force to assure some continuity in the operation of association affairs.

* A new public Relations Committee is also in place and diligently working on methods to help improve our image as viewed through the public eye.

* Excellent educational programs have been the norm at our monthly meetings and winter seminar. These help to keep us abreast of changing technology and the latest research developments.

* Our monthly golf events are running as smooth as ever, with a high level of participation and evening meetings that have the feel of an amicable fraternal gathering.

* Membership numbers are at an all time high and our financial position appears to be very sound.

* Finally, another thing we have going for us, is our young and energetic Board of Directors, who we can all count on to do an excellent job throughout their elected terms.

What an opportune time to be elected as President! Yes, the state of the Met GCSA is quite healthy at this time. However, I will not take this as a cue to rest on my haunches for the next year or two. Instead, I will continue in the progressive fashion which is common to the Met GCSA mode of operation. Also, if there's one thing I've learned over the past few years, it's the importance of good communication between a Board of Directors and its membership. With this in mind, I will strive to keep you regularly informed of all Board of Directors activities. I am pleased and privileged to serve as your President and will do my best to carry on the philosophies and essential purpose established by this fine association.

Have You Properly Winterized Your Equipment?

Jeff McDowell
Bruedan Corp.

One of the most frustrating Spring annoyances a superintendent can encounter is equipment which won't run properly or at all. To head off many of the most common problems, a winter storage service should be performed.

The type of service you should perform on a gasoline engine will depend on whether you intend to use the unit during the winter or not. For those units that will be in service intermittently, a gasoline stabilizer should be added to the fuel. The stabilizer prevents carburetor varnishing and partial plugging of carburetor jets. These conditions in Spring could cause lean engine running resulting in piston seizure and engine failure. After adding the stabilizer to the fuel it is suggested the engine should be run for about ten minutes to ensure the stabilizer reaches the carburetor.

For the gasoline vehicles which will be stored for the winter, particularly in unheated areas, it is best to remove the fuel entirely. The fuel tank should be drained, the fuel line cleaned, and the engine run until it runs out of gas. Spark plugs should then be removed, cleaned and one ounce of engine oil added to each cylinder. Replace the spark plug, but do not connect the lead. Crank the engine three or four times.

The engine oil should be changed before storage to prevent sediments which may be in suspension from settling out in the engine.

The exterior of the engine should be cleaned as well. Shrouds should be removed as much as possible and foreign matter removed from between fins.

Batteries should be removed from electric start vehicles. They should be cleaned, filled to the proper level, charged, and stored in a cool, not cold, dry place.

Cooling systems should be flushed at least every other season to loosen rust and scale, and to dissolve grease, oil, and sludge. The radiator should be refilled with a 50/50 mixture of anti-freeze and water.

Since the proper function of the air intake system is so critical to a diesel engine, one of the first services done on diesels is to service the air cleaner. Many diesel intake systems draw air in and cause it to travel in a circular motion. The centrifugal force of this action separates up to 90% of foreign matter from intake air. This foreign material is most often found in the dust cup at one end of the filter cylinder. This cup should be removed and cleaned. The filter should be inspected and replaced if necessary.

Though manufacturers instructions may vary, John Deere manuals recommend the addition of corrosion inhibitors to the transmission as well as the fuel and hydraulic systems. The unit should be brought up to operating temperature and the hydraulics and transmission operated to ensure complete circulation of inhibitor. Deere also suggests the addition of a specific amount of corrosion inhibitor to the intake manifold and crankcase, however, you should consult the operator's manual for your machine.

Before the engine cools, the oil and filter should be changed. Once the engine has cooled, loosen the tension of fan and power steering belts. All engine orifices should be covered or plugged to prevent dust, dirt, or rodent infiltration.

For the sake of machine appearance, dash gauges should be covered with an opaque material to prevent fading. Bare metal should be painted or greased and the unit covered if possible.

Hydraulic cylinders and implements require some common sense preparation for storage. Take the pressure off hydraulic cylinders by blocking the implement or lowering it to the ground. Work the control lever in all directions to be sure the pressure is off. Grease implements by removal or through fittings and coat hydraulic cylinders lightly with oil. Spray exposed seals with a rubber conditioner to prevent drying. The exposed metal of cutting units should be coated lightly with oil and hydraulic lines plugged when cutting units are removed to prevent contamination.

One investment worth considering is a hydraulic filtering system. This is normally a cart mounted unit which is connected to the tractor's hydraulic system and through a complete circulation of hydraulic fluid, more thoroughly cleans it.

Though we all hope our equipment will perform flawlessly in the Spring, I'm sure such perfection will be limited to a few. However, following some basic service guidelines will make Spring just a little easier to handle.

*Note: It is not recommended to use ether as a starting aid for diesel engines as it can cause an explosion in the intake manifold.

Elanco

New

Rubigan
A.S.

Turf Fungicide

Broad Spectrum Fungicide

- New Liquid Formulation
- New Expanded Label
- Lower rates on all the types of patch disease
- Anthracnose
- Ornaments
- New Performance Guarantee
- New Lower Case Price

See your local Elanco Distributor for details or call

BOB SCOTT (201) 376-7290
Elanco Area Representative



Dr. Martin Petrovic, Cornell University



Dr. Barbara Sullivan, Westchester County Department of Health



Joe Betulius, ChemFarm, Inc.



Ms. Vonnie Estes, Agri-Diagnostics Assoc.



Gary Watschke, U.S.G.A. Green Section

continued from page 1

The remainder of Mr. Watschke's talk which covered the many types of pesticide storage buildings and pesticide waste disposal systems will be covered in detail in an upcoming article in this newsletter.

The final speaker of the day was Mr. Michael Cook from the New York State Department of Environmental Conservation. Mr. Cook praised us on our showing at the recent public hearings pertaining to

the new notification law. It was also mentioned that in 1987, no complaints were filed in the DEC office about any golf course. We are still encouraged to have in-house inspections of our storage facilities periodically to detect any problems. Mr. Cook also feels that once the issue of notification and posting is finally resolved, the DEC will begin to turn more of their attention to the storage facilities and undoubtedly new regulations will be forthcoming within the next few years.

In closing, this year's Met GCSA Winter Seminar was a huge success. We would like to take this opportunity to once again thank the speakers for taking the time to further educate us. We would also like to thank the chairman of the Education Committee, John Musto, for his efforts in putting this seminar together. If you would like to contact any of the speakers, give John a call and he will be happy to provide you with any information that you need.

NYSTA News

1987 was an extremely busy and productive year for the New York State Turfgrass Association. Most time consuming was the pesticide issue. In order to fund efforts to combat the newly proposed DEC posting and notification regulations, NYSTA formed a pesticide regulation and legislative fund. The MGCSA was a generous contributor to this fund which has received approximately \$9,000 in donations. We also joined with the New York State Nurseryman, the New York State Flower Industries, the New York State Arborists, and the New York State Cemeteries on the New York State Green Council to work as a group on this pesticide issue. The Green Council hired an environmental lawyer/lobbyist who prepared and sent to the Commissioner of NYS Department of Environmental Conservation a 33 page statement noting the Green Council's opposition to the regulations as well as offering alternatives. The statement also called for a task force to develop regulations for 1989. At the most recent meeting between the Green Council and DEC, DEC conceded that there are problems with these regulations and may also consider a proposal to delay implementation until late Fall 1988. Further information may be forthcoming. Meanwhile, the Green Council's plans are to lobby with State Legislators to attempt to change the regulations through legislative means, possibly by even introducing our own legislation.

In the area of financial support to Cornell for research, approximately \$20,000 in direct grants was made to Cornell, \$15,000 of which was matched by the University. Another \$15,000 in indirect grants was also made. Dr. Villani of the Geneva Experimental Station conducted work regarding white grub movement as related to temperature. Dr. Hummel's sand greens research was supported as well as Dr. Petrovic's Fertility Fate Research Project.

The Poa Annual tournaments held in three locations around New York State raise \$7,000 to \$10,000 in research monies. These tournaments are co-sponsored by NYSTA and the local Superintendent Associations. Profits from these tournaments can be earmarked by the local associations for a specific project at Cornell. A Poa Annual location in the downstate has not yet been confirmed but will be held mid-

September and mid-October. The support of MGCSA members will make this a financial success. Watch for future details as to date and location.

One of NYSTA's goals over the next two years is to increase membership by 50%. I urge each of you to join. Remember, strength is in numbers. Also, at the present time applications are being accepted for NYSTA scholarships for New York State students enrolled in horticultural programs and will be awarded at the November Conference in Rochester. You may wish to mark your calendars now for the Conference and Trade Show which will be held November 8-11. State-wide attendance at the Conference in 1987 was 1,350 but downstate attendance historically has been very low. Hopefully we can work to change this. Feel free to call me with your comments. If you need membership applications or information on the scholarships, I may be reached at 914-279-7179.

Mike Maffei
Director, Hudson Region

**Harford
Industrial
Minerals**



The sand for traps and
straight-sand top dressing

TD 1000
Top Dressing Blend
&
T'nG
Bunker Sand

New CM plus
Construction Blend

P.O. Box 210, Joppa, Maryland 21085
(301) 679-9191

★ ★ **EXTRA** ★ ★
Milorganite... America's Foremost Naturally Organic Fertilizer

Milorganite®
supplies
nutrients
the way
plants
want
them.



Fertilize
Nature's Way
with
Milorganite

John Wistrand
Anthony L. Grasso
P.O. Box 267
Hawthorne, NY
914-347-4222

turf products

tpc
corporation

TORO

1496 John Fitch Boulevard P.O. Box 133
South Windsor, Connecticut 06074
Office 203-528-9508 N.E. Wats 800-243-4355

IRRIGATION DIVISION



MARK LOPER
DENNIS PETRUZZELLI
ALSO



Distributor of
OTTERBINE Fountains -
Aerators

EQUIPMENT DIVISION



AL TRETERA
SHAWN DONOVAN

Dear Members of the Met G.C.S.A.:

The award presented to me from the Metropolitan Golf Course Superintendents Association at the meeting on October 22, 1987 is certainly a tribute that one may dream of but never receive. To have a Sherwood A. Moore Award, and then to be the first recipient of this award, is an honor I am very proud of. It is extremely difficult to express my feelings but you can be sure I am one happy individual. The Metropolitan Golf Course Superintendents Association is truly close to my heart, and the inception of and the receiving of this award from my peers whom I have worked closely with and become very fond of over the years, is a very moving experience.

As mentioned in my acceptance speech the only career in my lifetime has been as a golf superintendent, and for the past fifty plus years I have loved this profession. I only hope that what little I have contributed over the years has improved the stature and professionalism of the golf course superintendent. Everyone in the turfgrass field from professors to the golf course crews have had an influence on my life - some to a greater extent than others - and to all of you I say thank you from the bottom of my heart.

Many, many thanks for this great honor.

Sincerely,
Sherwood A. Moore



WHITE MARSH, MD.
301-335-3700

Sterilized Top Dressing

EGYPT FARMS EXCLUSIVE! All top dressing ingredients are thoroughly mixed and sterilized by indirect heat in our special process. The sand particles are actually coated with a mixture of top soil and peat humus for a completely homogenous mixture that will not separate during handling and spreading.

Egypt Farms top dressing is formulated especially for your area to specifications recommended by the United States Golf Association, Texas A&M, Penn State, North Carolina State, and the University of Maryland.

Many years of research and testing by these leading universities have produced a soil mixture for superior growth; to maintain the best balance of percolation; to resist compaction; for good aeration; and for the retention of usable water and nutrients in the growing medium.

Green and tee construction materials & mixes conforming to U.S.G.A. specs are also available.

Distributed by: Metro-Milorganite, Inc.
(914) 769-7600

The Terre Co. Wagner Seed Co., Inc.
(201) 473-3393 (516) 293-6312

Met GCSA Business Meeting

SPEAKER

Dr. Norman Hummel

TOPIC

Update on Moss Research

Coming Events

February 29 - March 3	57th Massachusetts Turfgrass Conference	Civic Center Springfield, Mass.
March 17	Met GCSA Business Meeting	Elmwood C.C. White Plains, N.Y.
March 17 & 18	GCSAA Regional Seminar: Disease Identification & Control	Forsgate C.C. Jamesburg, N.J.
March 24	U.S.G.A. Regional Conference	Sleepy Hollow C.C. Scarborough, N.Y.

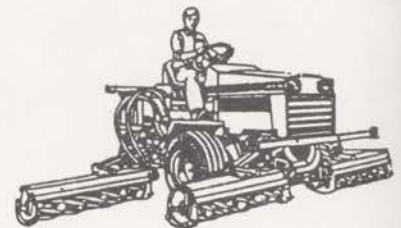
PONDS... PONDS... PONDS...

**FOR BEAUTY
IRRIGATION
DRAINAGE**

**NEW PONDS BUILT
DREDGING & POND
RESTORATION**

**CALL:
CROTON PONDS, INC.
914-271-9549 or:
241-3395**

RANSOMES



MOTOR 350D

- * ALL HYDRAULIC FIVE GANG
- * KUBOTA 38 HP DIESEL
- * 8 or 11 BLADE FULL FLOATING HEADS
- * GRASS CATCHERS

**STEVEN WILLAND INC.
(201) 579-5656**

Growth regulator
breakthrough for fine turf!



Now, with Scotts
new TGR* technology,
you can outgrow
your *Poa annua*
problems



Following three successive applications to control the *Poa annua* in a mixed *Poa*/bentgrass fairway, a reduced *Poa* population can be clearly seen in the treated area (right).

*Scotts trademark for its turf growth regulator technology

“This application of Scotts TGR™ chemistry will change the way you think about growth regulators.”



Dr. Larry Widell, research physiologist, Plant Growth Regulator R&D, O. M. Scott & Sons

“*Poa annua* has long been a headache to turf managers and golf course superintendents alike because it is very susceptible to drought and disease, and its prolific seedheads reduce playing surface uniformity and quality on fairways and greens.

“Now, thanks to Scotts advanced TGR chemistry, controlling *Poa annua* growth in highly maintained turf areas is possible with ProTurf® Fairway Fertilizer with TGR Poa Annua Control.

“Instead of acting like a conventional herbicide, the new Scotts product slows the growth of the *Poa* plant, diminishing its ability to compete against actively growing, desirable grasses. The result is a gradual, more natural transition to desirable grasses without a sudden decrease in playing surface quality.

“Fairway Fertilizer with TGR Poa Annua Control has proven to be effective in reducing *Poa* populations when applied and watered in properly, even under conditions that would normally enhance their growth, such as close mowing and regular irrigation. Treat your turf with successive fall and spring applications until the *Poa annua* has decreased to the desired level.”



Aggressive bentgrass can be seen encroaching into an area of *Poa annua* treated with ProTurf Fairway Fertilizer with TGR Poa Annua Control.



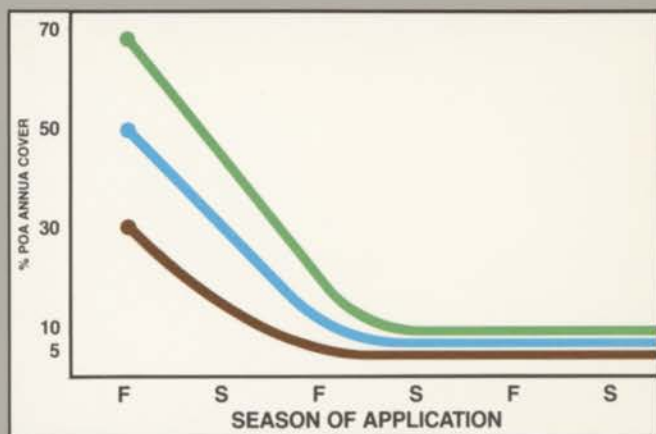
After only three applications, the area on the right of this predominantly *Poa annua* fairway has been almost completely converted to bentgrass.

Fairway Fertilizer with TGR Poa Annua Control encourages your desirable turf to grow and reduces the visibility of unsightly *Poa* seedheads.

Outgrow *Poa annua* problems

With regular use of Scotts® Fairway Fertilizer with TGR Poa Annua Control, the problems associated with maintaining *Poa annua* can be overcome. Give your desirable grasses the competitive edge, even under close mowing and regular irrigation.

Typical *Poa annua* population suppression is shown over time with continued use of Scotts Fairway Fertilizer with TGR Poa Annua Control. The degree of control may be influenced by turfgrass management techniques, climate, soil type and *Poa annua* biotype.



Reduced seedhead visibility

A significant benefit of the new product is a reduction in the visibility of *Poa annua* seedheads after one properly timed application. When applied before seedhead emergence in the spring, the treatment will slow the emergence of the seedhead stalk, resulting in fewer visible seedheads and more uniform turf color and playing surface. Best results are achieved with successive annual fall and spring applications.



Fewer *Poa annua* seedheads are apparent in fairways when they're treated in the spring. (Lens cap indicates upper right hand corner of treated plot.)

Better fertilizer response

Scotts new TGR Poa Annua Control product is a unique combination of a growth regulator with a controlled nitrogen feeding from Fairway Fertilizer. This formulation provides not only selective control of *Poa annua*, but also extends the greening response of the desirable turf well beyond what the same rate of fertilizer alone can achieve.



Notice the selective suppression of the *Poa annua* and the increased greening of the treated plots 7 weeks after application to a mixed stand of perennial ryegrass, Kentucky bluegrass and *Poa annua*.

Gain the competitive edge and outgrow your *Poa annua* problems with



- Provides post-emergence control of *Poa annua* — actually slows its growth to reduce competitive ability
- Reduces visibility of *Poa* seedheads for more uniform turf color and improved playing surface
- Best results are obtained with successive fall and spring applications
- Unique combination of turf growth regulator and fertilizer extends color response for up to 12 weeks
- Not dependent upon foliar absorption for activity; uptake occurs primarily through the root system

For more information about Fairway Fertilizer with TGR Poa Annua Control, call your ProTurf Tech Rep today. Or call Scotts direct at 1-800-543-0006.



ProTurf Division
The O.M. Scott & Sons Company
Marysville, Ohio 43041

THE REICHERT COMPANY



RAE BATTERIES

FRAM-WIX
FILTERS

TRC
PRODUCTS

LUBRICATING
EQUIPMENT

WETTING
AGENT

KLENZER
PRODUCTS

TRW
PRODUCTS

PARTS
CLEANERS

ANTI-FREEZE

MAIL P.O. BOX 273
RIVERSIDE, CT. 06878

GCSAA Fact Sheets

GCSAA has made available a series of fact sheets on environmental issues related to golf course maintenance practices. These fact sheets — which cover subjects such as soil conservation, water use and pesticide application — are available to the public upon request through GCSAA's Office of Government Relations.

Public requests for information on the environmental effects of golf course maintenance practices have increased as land and water availability in urban areas has decreased. GCSAA's new fact sheets represent one part of the industry's effort to meet such requests.

"People are more conscious of resource use today, and we feel that golf courses contribute positively to the process of resource conservation and management," said GCSAA President Donald E. Hearn, CGCS. "Proper planning for growth and development requires that good information be made available, and that is what we are doing."

For more information, contact GCSAA's Office of Government Relations, 1617 St. Andrews Drive, Lawrence, KS 66046.

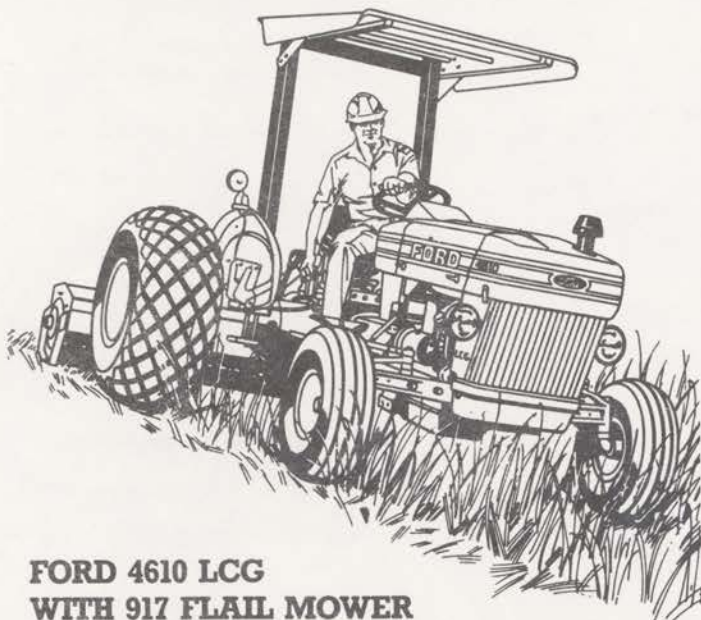
IF YOUR TURF COULD TALK IT WOULD ASK FOR SAND-AID AND PANASEA

- Bigger roots
- Stress tolerance
- Delayed senescence
- Moisture and nutrient retention
- Micronutrient-rich
- Effective, safe & organic



For better turf management
CALL METRO MILORGANITE
TODAY
(914) 347-4222

MOWING SLOPES IS EASY WITH A FORD LCG TRACTOR (Low Center-of-Gravity)



**FORD 4610 LCG
WITH 917 FLAIL MOWER**

Ford LCG tractors are especially designed for mowing on slopes. With their wide-set axles and low center-of-gravity, they really hug the ground.

Two power sizes: Ford diesel powered with 60 SAE net HP (Ford 4610 LCG) and 40.5 SAE net HP (Ford 2910 LCG).

Choice of 8X4 synchromesh transmission (shift on-the-go under light load) or standard 8X2 dual-range transmission.

Team up with one of Ford's great mowers: a 3-point hitch mounted Ford flail mower or one of Ford's rotary cutters, in lift or pull type.

You'll find the Ford LCG tractors a lot of value for the money, with designed-in Ford quality. Don't just take our word for it...

ASK FOR A DEMO...TODAY!

Wesco, Inc.
27 Broad Street
Norwalk, CT 06851
203-847-2496

Westchester Ford Tractor, Inc.
Meadow Street
Goldens Bridge, NY 10526
914-232-7746



Patrons of Tee to Green

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

* Denotes Met GCSA member

Alpine Tree Care, Inc.*

Main office: White Plains 914-948-0101
Branch offices: Chappaqua 914-238-4400
Darien 203-655-8008
Professional Tree Care & Consulting

James Carriere & Sons, Inc.*

Bill Carriere
7 Cottage Street
Port Chester, NY 10573
914-937-2136

Cecio Bros., Inc.

General Excavating Contractor
P.O. Box 4100; 500 Old Post Road #3
Greenwich, CT 06830
203-869-2340

Egypt Farms, Inc.

John Strickland
Green Topdressing, Sand, Constr. Mixes
White Marsh, MD 21162
301-335-3700

Emerald Isle, Ltd.

Bob Middleton
2153 Newport Road
Ann Arbor, MI 48103
313-662-2727

Glenmore Landscape Service*

Glenn S. Moore
RR3 Box 199 Hackgreen Rd.
Pound Ridge, NY 10576
914-764-4348

Grass Roots Turf Products, Inc.*

Bert Jones 201-361-5943
P.O. Box 336
Mt. Freedom, NJ 07970

Harford Industrial Minerals, Inc.

Dorothy P. Stawcill
P.O. Box 210, Joppa, MD 21085
Topdressing, Constr. Blend, Bunker Sand
301-679-9191

Hawthorne Brothers Tree Service, Inc.*

5 Center Street
Bedford Hills, NY 10507
914-666-7035 and 203-531-1831
Professional Tree Care and Transplanting

I & E Supply, Inc.

Paul Roche
66 Erna Avenue
Milford, CT 06460
203-878-0658

Irrigation Systems Incorporated*

P.O. Box 66, Windsor, CT 06095
203-727-9227
Design, Installation and Winterization
For Golf Course Watering Systems

Lesco, Inc.*

Serving the Met GCSA with our
"store-on-wheels"
20005 Lake Rd, Rocky River, Ohio 44116
1-800-321-5325 Nationwide

Loft's Seed, Inc.

John Morrissey
Box 146
Bound Brook, NJ 08805
201-356-8700

The Magovern Company*

Joseph Schnieder & Jerry Kane
911 Hope Street
Stamford, CT 06907
1-800-243-9094

Metro Milorganite, Inc.*

John G. Wistrand & Anthony L. Grasso
P.O. Box 267
Hawthorne, NY 10532
914-347-4222

Montco/Surf-Side/Zap!

Surfactants - Defoamers
Box 404, Ambler, PA 19002
Robert Oeschle
Home: 215-836-4992/Whs: 215-628-3144

O.M. Scott & Sons*

Al Arison
226 Barry Scott Drive
Fairfield, CT 06430
203-336-9890

Partac Golf Course Top-Dressing

Kelsey Park, Great Meadows, NJ 07838
1-800-247-2326
James Carriere & Sons/J & B Trucking
914-937-2136 Bill and Joe Carriere

Pro-Lawn Products, Inc.*

Stephen M. Kotowicz
30 Nashville Road
Bethel, CT 06801
203-792-3032

The Reichert Company*

Lubricant & Filter Distributor
P.O. Box 273
Riverside, CT 06878
203-637-2958 - Frank Reichert

Rhone-Poulenc Ag. Co.

Samuel L. Horst
RD 2, Box 294
Stockton, NY 08559
201-996-4306

Stephen Kay, Golf Course Architect*

P.O. Box 81, Purchase, NY 10577
914-738-3399
Long Range Planning, Remodeling, &
New Development

Steven Willand, Inc.

Dave Marmelstein
Rt 206
Augusta, NJ 07822
201-579-5656

Bentgrass Sod

Stormy Acres
Kevin Gunn
West Haven, VT 05743
802-265-3046

Terre Company of N.J., Inc.*

Byron Johnson, Jr.
206 Delawanna Avenue
Clifton, NJ 07014
201-473-3393 or (home) 203-748-5069

Turf Products Corporation*

South Windsor, CT 06074
Dennis Petruzzelli-Irrigation
Al Tretara-Equipment
203-528-9508

Valley View Greenhouse*

Route 123 R.R. #2
Box 27
So. Salem, NY 10590
(914) 533-2526 (914) 533-2504

W-A-Cleary Chemical Corporation

Shaun Berry
P.O. Box 10, 1049 Somerset Street
Somerset, NJ 08873
201-247-8000

Westchester Ford Tractor, Inc.*

John M. Apple
Meadow Street
Golden Bridge, NY 10526
914-232-7746

Westchester Turf Supply, Inc.*

P.O. Box 198, Lincolndale, NY 10540
Serving the Fine Turf Profession
Bob Lippman
Bus. 914-277-3755/ Home: 914-248-5790