

August 2000

# Green is Beautiful

The Official Publication of Ontario Golf Superintendents' Association



**How did you weather the storms?**

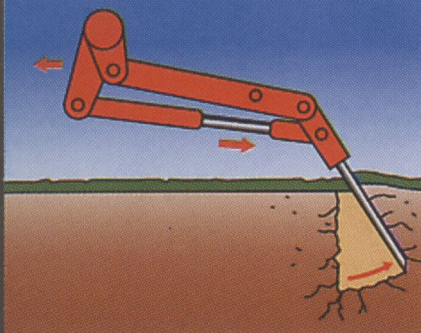
**Spring field day**

**President / greens chairman / superintendent  
and director tournament**





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## Contents

<b>HOW DID YOU WEATHER THE STORMS?</b> .....	12
A fishy story .....	18
Bill C-388: a sign of the times? .....	9
C.G.S.A. news .....	6
Congratulations Tom Yates .....	17
Editor's message .....	5
Golf course highlight – LONDON HUNT & COUNTRY CLUB .....	11
Health and safety .....	7
Library donation program .....	17
Looking back .....	27
Mechanic's corner .....	7
O.G.S.A. / G.T.I. spring field day .....	23
Precipitation in Ontario region .....	16
President / greens chairman / superintendent and director tournament .....	8
President's message .....	4
Research and development – BIOLOGY & CONTROL OF DOLLAR SPOT .....	20
"Supers" – where do they hide their capes? .....	19
The referee .....	6
Turf or consequences .....	26

## Advertisers

Albion Golf Cars and Turf Equipment .....	6
Almack & Associates .....	9
Braemar Building Systems .....	18
Century Rain Aid .....	10
DOL Turf Restoration Ltd. ....	22
G.C. Duke Equipment Ltd. ....	2
Graphic Services Ltd. ....	4
Hydro Agri Canada .....	5
John Eisen Ltd. ....	18
Maple Farm Supply .....	5
OSC Seeds .....	21
The P.E.S.T. Institute .....	27
Plant Products Turf .....	7
The Scotts Company .....	18
Skyway Lawn Equipment Limited .....	9
Turf Care Products Canada – Irrigation Division .....	17
Turf Care Products Canada .....	28
United Horticultural Supply .....	26
Vanden Bussche Irrigation & Equipment Limited .....	19
Zander Sod Co. Limited .....	6

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## COVER PICTURE

**Victoria Park East Golf Club  
Guelph, Ontario**

Photo taken by Dorothy Hills



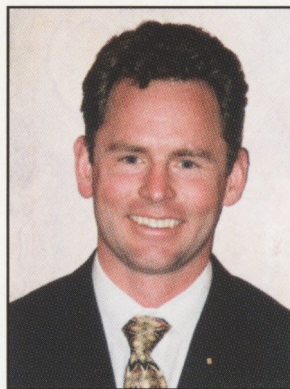
## President's message

The diversity of the province of Ontario is reflected not only in the geographical differences but also the weather. The Toronto area continues to get hammered by heavy thunderstorms and northern Ontario is hoping for rain. It is these challenges from Mother Nature that can make this profession so challenging.

I had the opportunity to play in a golf and meeting day organized by the Georgian Bay Association at the Parry Sound Golf and Country Club. The host Golf Course Superintendent, Jeff Alexander is doing a great job and will continue to uncover all the potential of that golf course for its members and guests in the future. The meetings organized by these regional associations provide a great opportunity to meet during the busy golf season and exchange information or catch up. When I left that day, I realized the number of people you see only once or twice a year during the trade shows and conferences. I look forward to visiting other regional groups before the end of the season and encourage others to do so as well.

The President/Greenschairman Event at Donalda Golf Club was very successful once again. Dean Baker and Paul Scenna have continued to organize successful golf and meeting events during the previous two years. The golf course was excellent and the extensive damage from the May 12th rain storm was undetectable. Furthermore, the Donalda Club was an excellent host. The OGSA is always looking for golf clubs to accommodate the different events for the year. If you think your club would be interested, the OGSA would be very pleased to approach your club.

A short time ago, there was a call for nominations for the Score Magazine's Superintendent of the Year Award. There was only one nomination received and the Board of Director's have endorsed Paul White of the Briar's Club to be Ontario's candidate. On behalf of the Board of Director's and entire membership, we support Paul's nomination and look forward to his acceptance of this award.



Keith Bartlett  
Thornhill Country Club



### ONTARIO GOLF SUPERINTENDENTS' ASSOCIATION

Guelph Turfgrass Institute  
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Guelph, ON N1H 6H8

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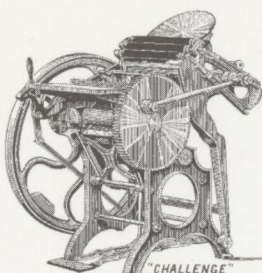
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to be published soon



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## Editor's message



Bob Burrows  
Rosedale Golf Club

Rain, rain go away! As the saying goes. Our historical amount of rainfall to-date has been exceeded, and this issue will focus on some of the stories that are timely around the Province. I would like to thank those members who took some of their precious time to tell us about their unique problems and solutions to our recent flooding, in central Ontario. In the last issue of *Green is Beautiful*, Dr. Ken Carey had an article on irrigation scheduling principles. I somehow doubt that we were able to put to practice his 'tools for dry times' but never-the-less his topic may be valuable information in July or August, or next season.

Other timely topics are covered by Pam Charbonneau on dollar spot, and Federal Bill C-388 on cosmetic use of pesticides by John Gravett. Our roving highlight of a golf course moves West to London Hunt, and Bob Leggitt writes about another rules problem in and around the bunker. You will also notice that this issue is a few pages longer than usual.

Please consider submitting a photo or article, at some point, to be eligible for one or both of our new awards. The photo of the year award, and "Barry Endicott article of the year award" will hopefully stir up some excitement.



### O.G.S.A. Welcomes our newest members

<b>Mark Webb</b>	Class F
Castlemore Golf & CC	
<b>Kurt Rasmus</b>	Class B
Ballantrae Golf Club	
<b>Neil Romahn</b>	Class C



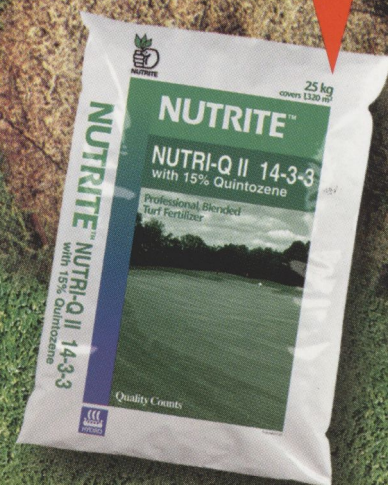
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# Canadian Golf Superintendents Association news

by Bill Fach

## Annual Conference and Trade Show - plan now it looks great

The CGSA/WCTA Canadian International Turfgrass Conference and Trade Show planning is well under way and the educational program looks to be one of the best. There will be a dedicated tradeshow time with no competing educational sessions, so that time can be spent looking at the equipment and products available from the suppliers. The dates have changed from previous years. It will be held on February 24th to the 27th, 2001. Planning is also underway for a golf tournament before these dates.

## Silent Auction - great buys and all for a good cause

The third Silent Auction, benefiting the Superintendent Professional Development and Educational Fund will be held in conjunction with the conference and trade show at the Annual Conference in February 2001. Over the past two years we have set aside over 100,000 dollars for this fund. In addition to all the great deals, we are helping our fellow superintendents. Anyone interested in donating an item, please contact Samantha Sutz at the office 1-800-387-1056.

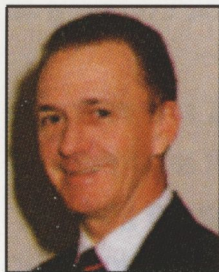
## Website Information - [www.golfsupers.com](http://www.golfsupers.com)

The Members Only area of the website is now up and running! It highlights Members Only Forums on topics including: education, CGSA questions, used equipment, Employment Referral Service (ERS requires a special password for subscribers), and updates for the Environmental Management Resource Manual.

## The referee

### Rakes in or out of bunkers?

by Bob Leggitt  
Rules Chairman, O.G.A.



There is no perfect answer for the position of rakes near bunkers, but it is felt that there is less likelihood of an advantage or disadvantage to players if rakes

are placed outside of bunkers.

It may be argued that there is more likelihood of a ball being deflected into or kept out of a bunker if the rake is placed outside the bunker. It can also be argued that if the rake is in the bunker it is most unlikely that the ball will be deflected out of the bunker.

However, in practice, players who leave rakes in bunkers frequently leave

them at the side which tends to stop a ball rolling into the flat part of the bunker, resulting in a much more difficult shot than would otherwise have been the case. This is most prevalent at a course where the bunkers are small. When the ball comes to rest on or against a rake in the bunker and the player must proceed under Rule 24-1 (Movable Obstructions), it may not be possible to place the ball on the same spot or find a spot in the bunker which is not nearer the hole.

If rakes are left in the middle of the bunker the only way to position them is to throw them into the bunker and this causes damage to the surface. Also, if a rake is left in the middle of a large bunker it is either not used or the

player is

obliged to rake a large area of the bunker resulting in unnecessary delay.

Therefore, after considering all these aspects, it is recommended that rakes should be left outside bunkers in areas where they are least likely to affect the movement of the ball.

Also it is understood that maintenance workers who cut grass would prefer the rakes to be inside the bunkers. At the same time the person maintaining the bunkers would prefer the rakes be placed outside the bunkers.

As Rules officials in charge of tournaments our preference is that rakes should be placed outside of bunkers.

Ultimately, it is a matter for the Committee to decide where it wishes the rakes to be placed.



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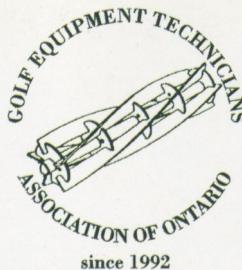
## Mechanic's corner

### Dangerous tampering

Reprinted from  
*Reel Grind*, Vol. 6 1999

**O**n my EZ-GO fleet I found that our helpers in the Pro-Shop tried to speed up the carts by turning the throttle set screw all the way down, thereby opening the butterfly in the carburetor completely. By doing so the car will go only full speed and is virtually uncontrollable. I bought a new set of

screws from the Fastener Centre part #M04-006-436Z. They are metric machine screws with pan slots 4mm x 6mm. When used they are long enough to adjust the carburetor but will not effect the speed. To make sure they stay in place I used Loctite 222 Small Screw Thread Locker.



## Health and safety

### Diving on the golf course

By Doug Johnson,  
SAFETAID

**A**bout three years ago there was a big fuss about diving for golf balls. There were a few incidents and the Ontario Ministry of Labour (OMoL) became very involved with this issue. I am sure you will remember that the OMoL diving inspectors implemented a blitz on golf courses around the province. Many courses were identified as potential areas where diving regulations had to be in place. Has your course been following the rules?

With all the rain early in the season, your ponds and water hazards may be quite full. It is probably a good time to remind everyone of the diving rules. You might want to pass this information on to the individual responsible for bringing the divers on to your course.

When a dive takes place, it is a requirement that the dive team follow the Ontario Regulation 692/94: Diving Operations. When the divers are hired or allowed access to your course the employer has an obligation to ensure that the rules are being followed.

The club should ensure that the OMoL has been notified of the diving operation prior to the commencement of the dive. This notice must be on a "Notice for Commercial Diving Operations" form.

This form identifies things like the location, date, duration, depth and a description of the tasks expected to be performed. This form must be completed with input from the diving supervisor appointed for the diving operation.

The plan will also indicate the emergency procedures for recovery and evacuation in the event that something goes wrong.

The regulation requires that whenever SCUBA is required for Golf Ball retrieval, there be a diving tender, a standby diver and the diver. All divers must have had a medical examination within the last 24 month period and the employer must ensure that the each diver, the supervisor and one other worker at the site has basic emergency first aid and CPR training.

All divers must use a lifeline while in the water and it must meet the criteria as identified in the regulations. You must also ensure that there is a two way communication system for the submerged diver.

This is a quick overview of the regulation, so if you require more information or clarification on this issue please contact the OMoL or Doug Johnson.

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# President / greens chairman / superintendent and director tournament

by Dean Baker  
O.G.S.A. Golf Tournament Director

The President / Greens Chairman event has always been the most popular tournament the O.G.S.A. hosts... this year was no exception, at the Donalda Club, with our host superintendent, Paul Scenna, club president, Borden Rosiak, Greenchairman, Hart Sernick and General Manager, Bryan Sparks. Registration was fast and furious booking up quickly. Our apologies to those teams that did not make it in this year but rest assured, you will be first on the list next year. This event has not only been a great way for Superintendents to get together, but an excellent venue for Club Managers, Greens Chairman, and Club Presidents to share ideas from each of their home Club.

After a stormy Spring, which left the course closed for several days under silt and mud, the remnants of the flood were no where to be found. A perfect day greeted all who made the trip, to a golf course that was in excellent shape, the meal was wonderful, and service and hospitality provided by all the staff was friendly and professional. I would also like to thank Bill Fach from York Downs Golf Club and John Taylor from Hunters Pointe Golf Club for taking care of the Paramutual for us. If John was smart, he bet on his own team which means, he probably went home with more than just the trophy and prizes.

This year's Team Champions, with a low score of 117, were led by John Taylor from Hunters Pointe Golf Club, with club president, Sandy Billyard, Ron Manteso and Paul Parent. Congratulations to the winning team! Other winners for the day were:



The Donalda team.

**2ND PLACE** – Phil Brown's Team from Summit Golf Club – **Score 123**

**3RD PLACE** – Aldo Bortolon's Team from Lookout Point Country Club – **Score 127**

**4TH PLACE** – Paul White's Team from The Briars Golf Club – **Score 129**

**5TH PLACE** – Steve Holmes' Team from Maple Downs Golf & Country Club – **Score 129**

**Closest to the Hole**

**#7** – Sandy Billyard from Hunters Pointe Golf Club

**Closest to the Hole**

**#14** – Bob Cammidge from Saugeen Golf Club

**Longest Drive #18** –

Pat Hinnegan from Craigowan Golf & Country Club

Paul would also like to thank his Assistant Scott White and his staff for their hard work in not only getting the course ready for the tournament, but also making the course look like there never was a flood.

Thanks again to the Donalda Team who played perfect hosts, on a perfect day. Until next year!



One of the many gardens beside the cart paths.



The champions from Hunter's Point Golf Club.



No remnants of the flood were to be found.



# Bill C-388: A sign of the times?

Part 1 of 2

by John W. Gravett  
Vice-President, O.G.S.A.

Over the past six months most turfgrass managers have observed the press coverage that Bill C-388 (federal private members bill) has received. From the municipal level to the national stage, the idea of banning pesticides in Canada used for cosmetic purposes only has gained the attention of the federal government.

The House of Commons Standing Committee on the environment has been entertaining various presentations on the cosmetic use of pesticides since last November. The committee members, MP's from across Canada, appear to have limited knowledge on the products in this sector and the scientific/regulatory requirements that they must meet. The Committee tabled recommendations on cosmetic usage of pesticides at the end of March and appeared to have prompted the creation of Bill C-388, a private members bill, that calls for the banning of pesticides in Canada used for cosmetic purposes only. The Urban Pest Management Council of Canada presented to the Committee as well, specifically targeting the benefits of pesticides in the urban environment, including golf courses.

Recent reports from industry strategists returning from Ottawa indicate, that Bill C-388 will probably not come to fruition, however, some inroads on the part of anti-pesticide special interest groups have occurred. There is growing pressure being applied from special interest groups to government officials at the provincial and federal levels to give municipalities the authority to regulate the use of pesticides in their respective

jurisdictions. It is important to remember that presently, the provincial and federal governments actually govern the regulation of pesticide use in Ontario. Special interest groups want the provincial government to relinquish regulatory authority in order for these groups to better apply pressure to more 'venerable' municipal governments. This type of lobbying has been occurring for quite some time in Waterloo, Toronto and Ottawa.

A two-pronged strategy has been developed by the OGSA to ensure that the turfgrass manager's voice is being heard at all government levels. Consultation with industry lobbyists indicates that the more customized and targeted our information can be, the better chance our voice will be heard and understood at the highest levels of government.

Firstly, the OGSA has become an active member of the Crop Protection Institute of Canada (CPIC). The Urban Pest Management Council of Canada (UPMC) operates as a committee of CPIC, and is an effective unified voice that is respected at both the federal and provincial levels. Our alliance with this group will help to ensure that the decision and policy makers on pesticide use in Canada are hearing us. The UPMC is a credible, authoritative voice shaping public opinion and policy on pest management issues in the urban environment, including on golf courses. One of the benefits the OGSA has with belonging to this group will be the ability to mobilize and support key stakeholders to manage major

issues and develop and implement stewardship initiatives. The OGSA will now be represented by a unified voice for the urban pest management industry and therefore will be able to demonstrate industry leadership through self-regulation. The UPMC will be promoting legislation that will improve the industry's ability and freedom to operate responsibly at the municipal, provincial and federal levels of government. The OGSA is anticipating stronger working relationships and alliances with others with an interest in urban pest management, since our industry, up to now, has had several 'diluted' organizations trying to represent the industry as a whole.

The second approach in our strategy is strictly a 'one on one' approach from each of our OGSA members. Key strategists have told us that customized letters, presentations and other forms of communication have a tremendous impact on MP's and committees. Form or group letters apparently have negligible effect on the decision-makers. The OGSA is recommending to ALL members that they individually voice their concerns on the potential ban of pesticides used on golf courses to their local MP and MPP. If all our members took the time to submit a letter outlining their views, the impact would be quite substantial.

In the next issue of *Green Is Beautiful*, we will outline some important information that should be included with your letter. As well, we will have an update on any further developments with respect to Bill C-388, or related matters.

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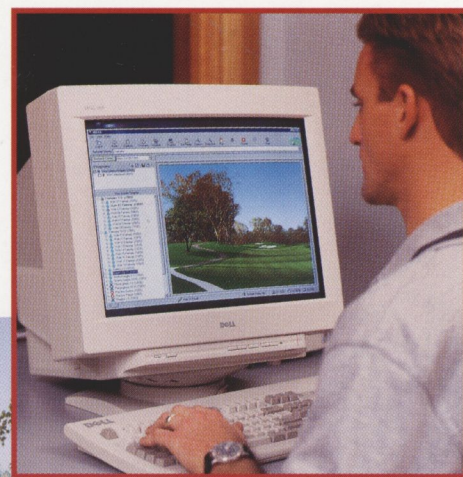


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# Golf course highlight

## London Hunt & Country Club

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### COURSE PROFILE

WHAT COUNTY IS YOUR CLUB LOCATED IN?  
Middlesex

IS YOUR CLUB PRIVATE, SEMI PRIVATE, PUBLIC, RESORT, MUNICIPAL?  
Private

SIZE OF MEMBERSHIP?  
1900

NUMBER OF ROUNDS?  
34,000

TYPICAL OPENING AND CLOSING DATE?  
April 1st through November 15th

NAME OF SUPERINTENDENT?  
Bob Pattinson

HOW MANY YEARS HAVE YOU BEEN A SUPERINTENDENT?  
9

ARE YOU CGCS OR MASTER SUPERINTENDENT?  
No

LIST OTHER ACCOMPLISHMENTS (AUDUBON, BOARD SERVICE ETC.)

- CGSA member for 30 years
- GCSAA member for 10 years
- GLAGS founding member
- GCSAA Platinum Tee Club Member
- Applied for membership of the Audubon Cooperative Sanctuary System of Canada

HOW MANY YEARS HAVE YOU BEEN AN O.G.S.A. MEMBER?  
15

HOW MANY YEAR ROUND STAFF?  
6

HOW MANY SEASONAL STAFF?  
18

HOW MANY MECHANICS AND ASSISTANTS  
1 Mechanic and 1 Assistant

HOW MANY GARDENING STAFF?  
1

### COURSE STATISTICS

HOW MANY HOLES?  
18

WHAT IS THE YARDAGE FROM BACK TEES AND FORWARD TEES?  
7,216 yds and 5,269 yds

WHAT IS THE SIZE AND LENGTH OF DRIVING RANGE AND RANGE TEE?  
320 yds - Tee = 1 acre

HOW MANY BUNKERS?  
66

HOW MANY PONDS, AND/OR HOW MANY TIMES DOES WATER COME INTO PLAY?  
8 water features

WHO WAS THE ORIGINAL ARCHITECT?  
Robert Trent Jones Sr.

WHAT WAS THE YEAR OF ORIGINAL CONSTRUCTION?  
1957

BY WHOM AND WHEN WAS THE COURSE REMODELLED?  
Rees Jones 1999

WHAT MAJOR TOURNAMENTS HELD?

- 1970 Canadian Classic - winner, Brandie Burton
- 1999 R.C.G.A. Mid Amateur
- Other Events held*
- Canadian Club Pro
- Ontario Amateur
- Dunhill Cup Senior Matches (Canada, Great Britain, U.S.A.)

WHAT IS THE SIZE OF YOUR MAINTENANCE SHOP?  
10,000 sq. ft.

WHAT TYPE OF IRRIGATION SYSTEM?  
Toro Hydraulic  
Age: Toro OSMAC 1997 update

WHAT IS THE SIZE OF THE GREENS, TEES AND FAIRWAYS?

Greens 200,000 sq. ft.  
Tees 110,000 sq. ft.  
Fairways 27 Acres

WHAT IS YOUR PREDOMINANT GRASS?  
Poa / Bent Mixture

HOW MANY USGA GREENS AND HOW MANY LOAM GREENS?  
2 USGA greens and 18 Loam Greens

WHAT IS THE PREDOMINANT SOIL TYPE?  
Sandy Loam

WHAT EQUIPMENT DO YOU HAVE IN INVENTORY?

- 42 electric cart fleet
- 5 tractors
- 4 trailers
- 3 sprayers
- 3 trap rakes
- 10 utility vehicles
- 2 rotary mowers
- 6 greens triplex
- 3 fairway mowers
- 2 sets of rollers
- 1 verti-drain
- 3 greens aerifiers
- 4 leaf blowers
- Miscellaneous - verticut etc.
- DTN Weather Centre
- 1 Verti-drain

### COURSE PROJECTS

WHAT PROJECTS HAVE YOU RECENTLY COMPLETED?  
Rees Jones Restoration and Renovation: 66 bunkers, 36 tee decks, 6 Fwys., new Ohio 530 sand, re-contour all fwys, completion of greens surround H2O system all electric. Two new practice green, chipping and bunker complexes, and the addition of 15 all weather mats to range deck



### LONG RANGE PLANS

WHAT LONG RANGE PLANS FOR RENOVATION DO YOU HAVE IN THE NEXT FIVE YEARS?

- Possible third nine.
- Maintenance building upgrade and addition.
- Total course cart path resurfacing, curbing and additional paths.
- Replacement of all wooden walls on course to Warton Cap Stone or Ledge Rock.

### CHALLENGES

ARE THERE ANY PARTICULAR CHALLENGES YOU FACE WITH YOUR PROPERTY?

- Annual Thanksgiving Day Hunt on course.
- Operation of two trap and one skeet shooting ranges during Winter months.

### SUCCESS STORIES

DO YOU HAVE ANY SUCCESS STORIES?

- Personally been at the London Hunt Club since 1972. I started working on golf courses in 1956 and have enjoyed my life long association with the game of golf. It has been a passion and source of enjoyment my whole adult life.
- The long term relationship with the members and other management staff has been personally rewarding and fulfilling.

### INNOVATIVE CULTURAL PRACTICES

WHAT TYPE OF INNOVATIVE CULTURAL PRACTICES HAVE YOU PERFORMED?

- The implementation of safety training for staff.
- Development of a member focused maintenance programme.

### AREAS OF PARTICULAR CHALLENGE

- Trying to keep soil greens dry, firm and fast.
- Maintenance of the severely sloped Jones Bunkers.



# How did you weather the storms?

## Royal Woodbine Golf Club

by Robert D. Cowan

Golf Course Superintendent

When people in the Toronto area reminisce about the big storm of Spring 2000, the two and half plus inches that fell Friday, May 12th and the resulting damage will come to mind. At Royal Woodbine Golf Club, that was only one of five storms this year that has flooded the course and closed us down for a total of 10 days.

The first flood of the season occurred on the Easter long weekend. We were closed for two days. A lot of debris was scattered over the fairways and many bunkers were lined with silt. A few days later we had the course cleaned-up and we were back in business, like usual.

The second flood of the season, on May 12th, was a big one. The damage from this storm wasn't quite as easy to



Tee deck to green on #6 fairway completely flooded, Royal Woodbine GC.

clean up. Paved cart paths were torn out and left in the middle of fairways, bunkers were scoured out and left void

of sand, rail tie curbing and flowerbeds were missing, and we lost large areas of creek bank to erosion. The clean up began again. Cart paths were repaved, fairways were cleaned, and reconstruction of washed out bunkers began. Luckily, not all bunkers had been restored by the time we were flooded out on May 18th, and again on June 13th and June 25th.

As each flood caused varying amounts of damage to the same areas, it soon became evident that if we were going to eliminate, or at least minimize damage caused by flooding, we would have to burm some areas, change the shape and size of some bunkers, or eliminate some bunkers altogether. Taking photographs at different stages of the flood was crucial in determining where we would have to raise areas and



Debris left on fairway #8 hole, Royal Woodbine GC.

continued on page 13



where the water would flow once we did. To date we have restored all but two bunkers and have come up with some design changes that should help us deal with flooding in the future.

The costs associated with this year's record rainfall can be measured in many different ways. The Pro Shop measures the costs in total number of rounds down and loss of revenues. The Green department can measure the costs of additional labour, seed, chemicals etc. Another cost sometimes overlooked is the cost of sinking staff morale. After the second flood and second clean up it became very evident that I would have to do something to keep the staff motivated. I have had a staff BBQ after each flood and have expected only essential overtime in our clean up efforts. Cleaning up after each flood has been hard work and letting the staff



Cart path flooded #5 hole, Royal Woodbine GC.

know their hard work is appreciated goes a long way in ensuring they will be there for you the next time you need them.

During the '98 and '99 golf seasons I wished for rain. I guess I'll have to be a little more selective on what I wish for.



Cart path #16 hole, Royal Woodbine GC.

### Markham Green Golf Club

by Don Crymble  
Property Manager

*O*n May 13, 2000 there was severe flooding at Markham Green. Rain fall on May 11th was .75", May 12th .5" and an additional .75" early on May 13th, for a total of 2" over a 36 hour period. That is not an excessive amount of precipitation, however water levels were the highest on record. I had never seen the Rouge River so high.

The accompanying photos show that water levels were 8-9 feet above the normal flow. There has been a great deal of urban development higher up

continued on page 14



#16 fairway, Royal Woodbine GC; May 12, 2000.



#16 signature hole, Royal Woodbine GC.



the watershed and I hope that Markham Green will not have to foot the bill for poor watershed management.

The course was closed from Saturday, May 13th until Thursday, May 18th, for clean up. Debris was removed with organic material disposed of in our organic waste area, and man made litter was separated and disposed of in the garbage bins. Large trees were cut up and removed from the fairways, and the fresh water clams which washed up on the fairways were tossed back into the river.

All, or portions, on greens 6, 7 and 8 had been submerged and had a layer of silt on them which had to be removed. The pro-shop assisted in the cleanup and I can assure you that they enjoyed standing on the greens, washing them off for a day and a half.

Sand had been washed out of a number of bunkers and was cleaned up off the grass. We gave a neighbour, down stream, a few green fees for returning half a dozen trap rakes. Additional sand was added to the bunkers by June 8th.

The Rouge river is an excellent habitat for many life forms. In early May, snapping turtles were seen mating in the river. These reptiles are about 3 feet in diameter. Alas, we could find no turtles after the flooding. On June 11th one turtle was again spotted on Markham Green property. I guess these are homing turtles. They will once again lay their eggs on the river banks and in our traps and wherever they wish.

continued on page 15



9th fairway / 6th fairway bridge, May 13th, Markham Green GC.



9th fairway / 6th fairway bridge, May 25th, Markham Green GC.



7th fairway bridge, May 13th, Markham Green GC.



7th fairway bridge, May 25th, Markham Green GC.



## Markland Wood Country Club

by Mark Prieur  
Second Assistant

Saturday May 13th, 2000 is a day that may very well be remembered as one of the worst storms in recent history. Newspapers had reported that it was one of the worst storms in Central Ontario since 1987; there were pictures of people stranded on the Don Valley Parkway because it was too flooded to pass. Power outages over most of the region made most of the evening uncomfortable for the thousands without power. Mother Nature had indeed put on one of the best light shows in recent memory. When it was all said and done, sixty millimeters of rain had fallen that night.

Markland Wood Country Club is located in the Etobicoke Creek that serves as the border for the cities of Etobicoke and Mississauga. Etobicoke Creek is the flood plain that is primarily responsible for draining those two cities. Those sixty millimeters of rain translated into a rise in the Creek that had not been seen since Hurricane Hazel in 1954. All but two fairways were under water that night and following day. A combination of silt and shale was spread over numerous greens, tees and fairways. A portion of our 12th bridge was removed. Creek bank erosion occurred seven feet behind



Chris Nelson, assessing damage to #10 bridge, Markland Wood CC.

the armour stone retaining walls in some places. This was not the worst of the damage though.

During the winter the Region of Peel had recently installed a seven-foot sewer main through holes 8, 9, 11 and our driving range. The restorations were going smoothly until the rains came. Sunday May 14th is one of those days where you wish you were in some other profession; what damage the water had hid for a day could now be seen. Rough estimates of 100 skids of sod and 300 truckloads of topsoil were washed away on the ninth hole alone. Creek bank plantings and newly planted trees and shrubs were also lost. Not only were all restorations set

back but the rest of the course was a disaster as well.

Maintaining the golf course became of minimal importance, as an emergency action plan had to be initiated. The Back Shop staff was relegated to the maintenance staff during the five day course closure and helped out considerably. Seniors golf day (every Tuesday) was rescheduled to Seniors help-pick-rocks-off-the-fairway day. There were some members in their 80's raking rocks off fairways. It was a very good feeling to have the membership helping out.

In addition, it was clear that the silt and stone was smothering the bentgrass. Silt deposits on the bent were washed away using hoses. Surprisingly, greens were mowed 5 times the first week and they suffered minimal setback. The shale on the fairways was removed using a skid steer loader; smaller pieces were picked by hand. During the cleanup there was no loss of any bentgrass. Some of the rough had to be sacrificed in order to restore other in-play areas.

The severity of the bunker damage was classified into two categories: partially contaminated and completely demolished. The first of the two required the removal of the silt contaminates, mostly with rakes and shovels; the second situation demanded a complete rebuild, drainpipe and all. The bunkers took almost a month and required 120 tons of sand to bring them up to snuff.



Shale left by the storm on the 11th hole, Markland Wood CC.

continued on page 16



The restoration work completed to date by the contractors had to be redone, as stipulated in the contract. They wasted no time in picking up where they had left off in the project. Surrounding the project with experienced and knowledgeable contractors paid huge dividends.

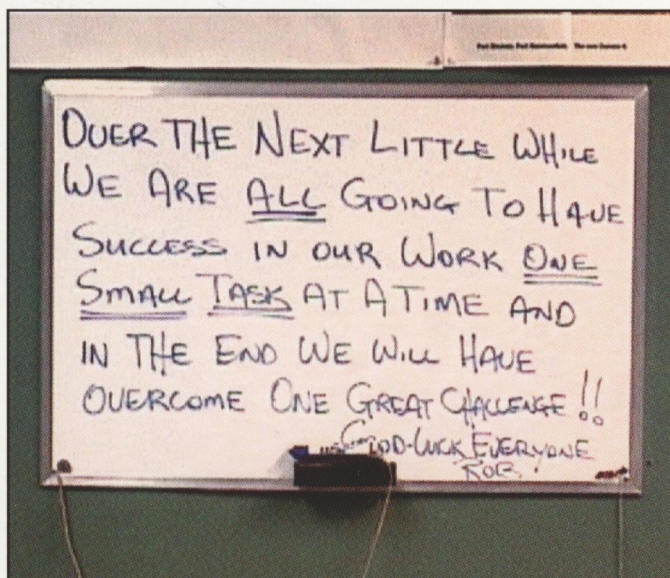
Many obstacles had to be overcome during the flood cleanup. Overtime was a regular occurrence and the staff was tested to their limits and beyond. If there is a lesson to be learned it would be that patience, perseverance and a positive mental attitude will overcome all.



Bunker damage, Markland Wood CC.



Senior members assisting with the cleanup, Markland Wood CC.



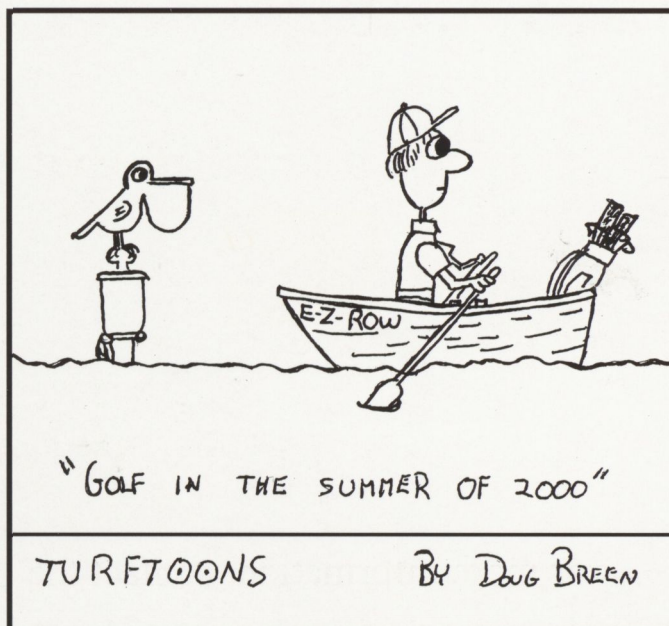
Rob Ackermann's message to his staff, Markland Wood CC.



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June	68.9 MI	169.2 MI



"GOLF IN THE SUMMER OF 2000"

TURFTOONS

BY DOUG BREEN



## LIBRARY DONATION PROGRAM

The following books have been added to the special Turf Section of the University of Guelph Library through the generosity of two of our members. Our thanks to Marie Thorne and Steve Mann.



BOOK TITLE	AUTHOR	DONATED BY
Driving the Green: The Making of a Golf Course	John Strawn	Marie Thorne from Novartis
Golf Course Tree Management	Sharon Lily	Steve Mann from Bartlett Arborist's Tree Service

## Congratulations Tom Yates

Peggy Nagle, O.T.S. Manager has advised us that Tom Yates, Superintendent at Castlemore Golf & Country Club, was the lucky winner of the Evaluation draw from the 2000 Ontario Turf Symposium. As a result of participating in the telephone evaluation of the OTS, Tom's name was put into a draw in which he won a free full symposium pass to the Ontario Turf Symposium 2001.

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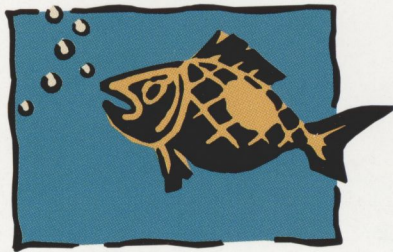


## A fishy story

by Michael Allen

Member of Bay of Quinte Country Club

This fishy golf story, was forwarded to us by Peter Lucas, Superintendent at Bay of Quinte CC. It demonstrates that there are members who care about the entire property and its contents instead of just the tees, fairways and greens.



I was playing my course the other night (holes 1 & 2) and noticed a Carp in the ditch on #1 where the dam is. He was trying to get over the dam into the pond. Since I figured that he couldn't have gotten through our water system, I deduced that he came from the #3 pond, somehow.

Well, what am I suppose to do now... without a helping hand, his chances didn't look good. After a careful review of the options, and without my handy fishing net or cell phone, I felt that there was only one alternative. I had to go in after him. Kneeling down on the bank, with my trusty big red towel in hand (I didn't want the situation to get too fishy) I attempted the rescue. Unfortunately, the fish didn't understand my good intentions, but after much struggle, and absorbing a significant amount of water, etc. in my new pants, we reached an agreement that he should let me carry him to his old home. So now he is swimming happily back in the pond that both he and I love so much. No matter how I feel walking by those holes, there will always be something to make it a little brighter. (P.S. - should a shot stray into the pond, I hope he remembers me).

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# "Supers" – where do they hide their capes?

by Scott Atkinson

President NGCOA Canada

Article reprinted from Golf Business Canada – Spring 2000

It's 5 a.m. Do you know which hat your superintendent is wearing today?

He or she could be dealing with the latest disease, (they sure have some peculiar sounding names for them!) or the overnight irrigation breach that has just flooded #3 and #7 fairways? Or are they going toe-to-toe with pro shop staff because they have said "No!" to powercars that day? Or has half of the mower crew phoned in with the 26oz. flu Saturday morning? The day of the most important tourney of the year!

It is now 2 P.M. and your super has just heard that the golfers are saying that half the sand traps are too firm and that half are too soft. Ten have said the greens are too firm, another seven don't think they're hard enough. The clean-up crew have mixed up the proximity markers on all the greens.

So is it any wonder then, when we approach them at 2:30 P.M. that very day and casually ask when they are

going to get around to that long-delayed renovation project, why they give us a look that would kill you and your entire family two generations into the future.

There is no question that the superintendent's job and responsibilities have changed dramatically over the past few years. The typical super's shop 25 years ago had the most basic of equipment. Today they are packed with the latest and greatest gizmos, all which have the most uncanny way of breaking down at the most inopportune time.

Thanks to television and the 'Masters', the golfer's expectations of the conditions of the golf course are so high and keep escalating, that superintendents have no choice but to be continually educating themselves through discussion with other superintendents, industry experts, the latest periodicals, as well as educational seminars. They have so many choices to

make and so many environmental demands that will be satisfied by the decision they make on a daily basis.

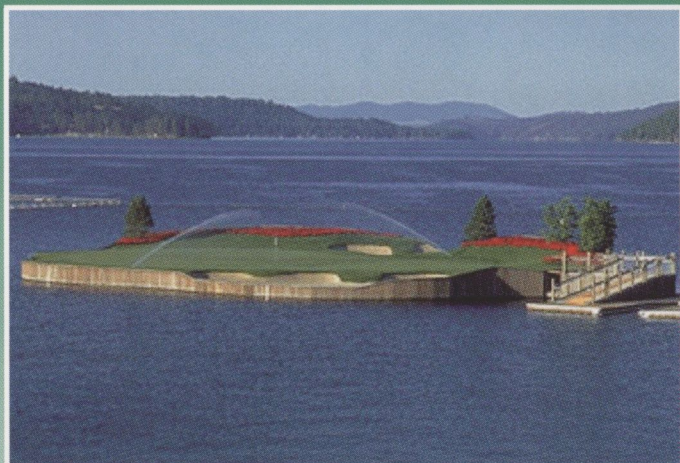
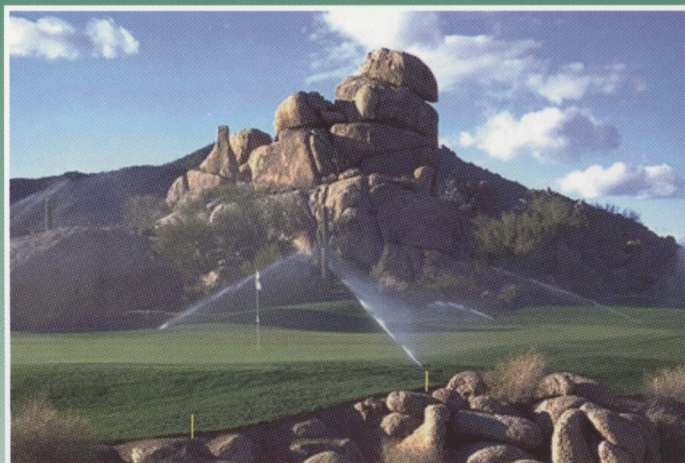
We won't even start discussing the weather or the latest pest invasion or the newest turf disease.

All other things aside, these people are constantly under the microscope (in more ways than one) maybe even sometimes taken a bit for granted. But let's face it, they are in charge of the most scrutinised part of our business, the aesthetics of the golf course. It really amazes me that the longest standing key personnel on the staff are the superintendents.

So it might be a good idea if we all drop what we're doing and amble over to our superintendent and give them a well-deserved pat on the back.

The evolution continues! From greenskeeper to superintendent to superman to Wonderwoman! Where do they hide their capes?

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# Research & development

## Biology and control of dollar spot

by Pam Charbonneau, Turfgrass Specialist,  
Ontario Ministry of Agriculture, Food and  
Rural Affairs and  
Tom Hsiang,  
Department of Environmental Biology,  
University of Guelph

Dollar spot is the most prevalent disease of turfgrass in North America, particularly on highly maintained golf course putting greens and closely mown fairways. In Canada, the distribution of dollar spot is more limited, and it is most severe in the Great Lakes Region. It can be found in the Maritimes, Prairies and the West Coast, but it is much less of a problem there. Fortunately for all golf course superintendents, it can be managed without too much difficulty. Understanding dollar spot biology is the key to controlling this disease.

### The pathogen

The pathogen causing dollar spot is currently classified as *Sclerotinia homoeocarpa*. Experts on classifying fungi now consider it to be a species of *Lanzia* or *Moellerodiscus*. Turf text books still refer to the disease by the scientific name *Sclerotinia homoeocarpa*. Dollar spot causes disease on all cool season turfgrass species. On a golf course, we are mainly concerned with dollar spot on annual bluegrass and creeping bentgrass. Dollar spot occurs during the summer and early fall.

### Conditions favouring the disease

As with every turfgrass disease, environmental conditions affect the

occurrence and the rate of progress of this disease. Dollar spot fungus will start growing at 15°C, with its optimal growth between 21°C and 27°C, combined with relative humidity greater than 85% and heavy dew at night. Dollar spot is more prevalent on turf which has been grown under a low nitrogen fertility regime.

### Symptoms

Dollar spots start out on annual bluegrass and creeping bentgrass with a few leaves adjacent to one another turning brown. After a couple of days these areas take on a bleached appearance, creating spots that have an average diameter of 3 cm. These spots rarely expand, but they can coalesce to form larger dead patches (Figure 1).

On higher mown turf the individual leaf lesions can be seen. They are hourglass in shape, with a dark top and bottom margin and a straw coloured centre cross-sectioning the leaf blade (Figure 2). The symptoms on longer grass appear as irregularly shaped patches with blighted turf in amongst healthy turf.

During periods of warm days and nights coupled with high humidity, dense, aerial mycelium can be found on the affected turf blades in the early morning (Figure 3). When this occurs, this disease is sometimes misdiagnosed as *Pythium* blight.

### Life Cycle

Dollar spot is thought to overwinter as sclerotial flakes on the edges of dollar spot lesions. These are very hard to see. There is also a suggestion that it survives as dormant mycelium in the crowns of infected turf plants. Mycelial growth starts at temperatures

around 15°C. It comes out from the thatch on to wet leaf surfaces to cause the initial infection. Spread of dollar spot occurs when diseased grass tissue is in close proximity to healthy leaves. The disease is transported from diseased to non-diseased turf by grass clipping, on golf shoes, golf carts and maintenance equipment. This disease attacks the foliage and the crowns. Roots and rhizomes are not infected. There are no spores produced by dollar spot.

### Cultural controls

Cultural controls can be very effective for managing this disease. As with most fungi, limiting the amount and duration of leaf wetness can greatly reduce the occurrence of this disease. Drag a hose or pole the turf in the early morning to reduce the duration of leaf wetness. Other ways of encouraging the dew to dry are: encourage air movement by pruning out the understory of trees surrounding greens and along fairways; reducing shade so that early morning sunlight hits the greens; mowing turf in the early morning to displace the dew or avoiding evening watering.

Dollar spot can also be controlled by growing turf with adequate nitrogen nutrition. Turf which is low in nitrogen is more susceptible to infection by the dollar spot fungus and is much slower to recover from dollar spot injury. It is important however, to maintain a balanced nitrogen status in the turfgrass plant. Over-fertilization with nitrogen can encourage other diseases.

continued on page 21



Figure 1.

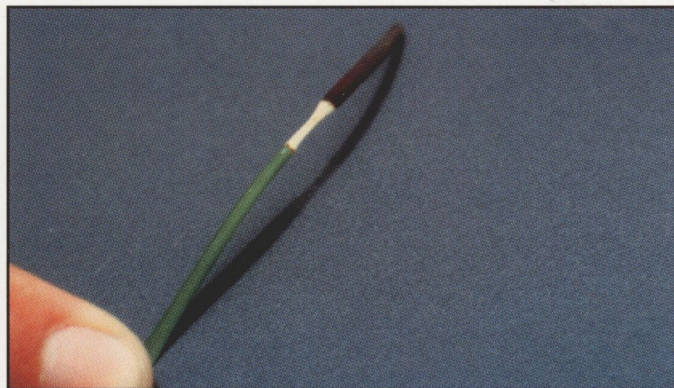


Figure 2.



### Resistant cultivars

Cultivars of creeping bentgrass vary in their susceptibility to dollar spot. L-93, A-1, Providence and Pennlinks have shown superior tolerance to dollar spot (Hurley, 1999). Cultivars which have been shown to be the most susceptible to dollar spot are Crenshaw, 18th Green and Century (Hurley, 1999). Putter, Emerald, Forbes 89-12 and SR1020 were also reported to be the most susceptible bentgrass cultivars based on trial conducted at the University of Guelph (Hsiang and Charbonneau, 1994). By choosing some of the newer cultivars that are less susceptible to dollar spot, fungicide treatments to manage dollar spot, especially on fairways, can be reduced.

### Chemical control

Fungicides containing one or more of the following active ingredients are registered for control of dollar spot: chlorothalonil, iprodione, benomyl, anilazine, propiconazole, thiophanate-methyl, and thiram. Consult provincial publications and product labels for registered uses and recommended rates.

### Biological control

Several commercially available organic fertilizers have shown suppression of the dollar spot fungus (Liu et al., 1995; Nelson and Craft, 1991), although the exact mechanism of suppression is not clearly understood.

### Fungicide resistance

Dollar spot has a long history of developing resistance to fungicides (Walsh et al., 1999). The most recent report of resistance was to the family of demethylation inhibitor (DMI) fungicides. Propiconazole, Canada's first DMI fungicide was registered for use in 1994. To date, there has only been one report of an isolate of dollar spot with reduced sensitivity to propiconazole (Hsiang et al., 1997). This isolate occurred near the border with the United States and it may have been transported into Canada from a golf course across the border. To insure that dollar spot does not become resistant to this new class of fungicides, it is important to either tank mix DMI fungicides with a broad spectrum fungicide or to alternate DMI fungicides with fungicides from other families.

### Literature cited

- Hurley, R. 1999. Fungicide needs vary among top new bentgrass cultivars. *Golf course Management*. 67(2):54-57.
- Hsiang, T. and P. Charbonneau. 1994. Managing dollar spot disease. *Greenmaster*. 28(5):10-11.
- Hsiang, T., L. Yang, and W. Barton. 1997. Baseline sensitivity and cross-resistance to demethylation inhibiting fungicides in Ontario isolates of *Sclerotinia homoeocarpa*. *Eur. J. Plant Pathol.* 103:409-416.
- Liu, L.X., T. Hsiang, K. Carey and J.L. Eggen. 1995. Microbial populations and suppression of dollar spot disease in creeping bentgrass with inorganic and organic amendments. *Plant Dis.* 79:144-147.
- Nelson, E.B. and C.M. Craft. 1991. Suppression of dollar spot with top-dressings amended with composts and organic fertilizers. *Biol. Cult. Tests Control Plant Dis.* 6:93.
- Walsh, B., S.S. Ikeda and G.J. Boland. 1999. Biology and management of dollar spot (*Sclerotinia homoeocarpa*): an important disease of turfgrass. *HortScience* 34(1):13-21.



Figure 3.

### Thorne at your side, a Penn State Worldcampus perspective

by R. Marie Thorne

If you have Internet access and a strong desire to further your formal turfgrass education, the Penn State Worldcampus Turf Management Certificate Program, could be the right choice for you. It is no surprise that this world-renowned leader in the turf industry is on the leading edge of Internet based long distance educational programs. Dr. Al Turgeon was working on this, long before the Internet came into vogue. I first learned of this educational opportunity while surfing around for some fungicide technical information. I happened to visit the Penn State site and voila, there was my opportunity to satisfy my innate desire to acquire formal education from Penn State University, without having to physically be there. So I happily delved into the details and this is how it works? In order to obtain a Worldcampus Turfgrass undergraduate Certificate, 15-16 credits must be attained. The program courses progress from fundamental concepts and basic terms in turf management, to more advanced concepts and a case study course that explores creative solutions to turfgrass management issues. Coursework consists of a series of lessons, labs, essay questions, quizzes and exams. Interaction with faculty and the class is essential.

This program has a number of benefits:

- 1) The program content reminds us of some of the turf management basics

continued on page 22

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David Schmelefske  
A. Kent McDonald  
Trevor Hunter



we may have forgotten over the years, yet it can also reinforce what we already know. It introduces participants to new concepts in turfgrass management with a very practical and applied orientation.

- 2) It expands your professional network. The class size can range from 20 plus participants. The majority of my classmates are golf superintendents and assistants from the United States. We have really interesting turf related chat which is posted on electronic bulletin boards within the course home pages. Each student is assigned a Discussion group; and the banter back and forth can be very lively and informative. This new age communication with golf superintendents and assistants has been particularly interesting. I have learned a lot through our "conversations". I also know that I have forged some career long relationships. Penn State hosts a Worldcampus reception during the GCSAA conference which presents a wonderful opportunity to meet your classmates face to face.
- 3) Interaction with the faculty is superb and having access to their knowledge and Penn State resources is a huge benefit. It's comforting to know that your access to the academic world is a mere phone call or email away.
- 4) You can log in to course materials from anywhere, at any time. This was particularly beneficial for those of us that travel extensively. Whether I was at BIGGA, GCSAA or CGSA conferences, I was able to keep up with my studies and the discussions among my classmates.

I am now into the second course in the program. If you choose to follow this path, make a commitment to yourself that you will allocate time to devote to the program everyday. It is easy to fall behind due to the volume of study. Self discipline is a prerequisite for taking this program. You must be prepared to log on everyday, it's that simple. The old adage of getting out what you put in really applies here.

The concept of Internet based learning is in its infancy, and will, in all

likelihood, gain momentum as the time and technology move on. If you wish to get further details, surf to <http://www.worldcampus.psu.edu/>

You'll be amazed that a world class turf educational program is a mere mouse click away.

*We would like to announce that Marie, previously with Scotts Canada Ltd., is now the Sr. Turf Specialist for Novartis at 140 Research Lane, Research Park, University of Guelph, ON N1G 4Z3. Novartis has recently acquired the Pro Turf business from Scotts Canada Ltd., who have decided to focus exclusively on its consumer business.*

### Agency action

#### *Dursban remains labeled for golf course applications*

Dow AgroSciences LLC has announced an agreement with the U.S. EPA that will allow the continued use of Dursban insecticide (chlorpyrifos) on golf courses. Chlorpyrifos products were among the first scrutinized under new standards resulting from the passage of the Food Quality Protection Act of 1996 (FQPA).

The agreement includes a voluntary cancellation of most in-and-around-the-home uses of chlorpyrifos in the U.S., including use of the product as a full-barrier termiticide treatment in existing residential structures (post-construction). Use of products affected by this agreement will be allowed until existing stocks are depleted.

Use of chlorpyrifos in the U.S. as a termiticide for spot and local treatment will be allowed until December 31, 2002. Chlorpyrifos will remain available in the U.S. for use as a termiticide for

new residential construction (pre-treat) until December 31, 2005. This date may be extended, however, based on the results of an exposure study specific to this application. Retail sale of chlorpyrifos products in the U.S. will be allowed until December 31, 2001. Chlorpyrifos will remain available for various U.S. nonresidential uses such as golf courses and ornamental nurseries as well as for all U.S. crop uses except tomatoes.

The agreement includes refinements in agricultural applications that result in a reduction of chlorpyrifos residues in the U.S. on apples and grapes. This agreement is specific to the U.S. sale and use of chlorpyrifos.

Mr. Alan Rock, Federal Minister of Environment announced in Ottawa that the Liberal government will be evaluating the use of Dursban in Canada. No official announcement has been made.

Cornell University Announces that in addition to CUTT, their quarterly newsletter, their latest addition, ShortCUTT, keeps you updated on a weekly basis, by e-mail or fax (your choice). Every Monday by noon, during the growing season, ShortCUTT informs you of weather conditions, regional pest observations and recommendations based on the latest research from national experts.

If you would like more information contact:

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# O.G.S.A. / G.T.I. spring field day

by Dean Baker  
O.G.S.A. Golf Event Director

After almost ten years of absence, the O.G.S.A. officially kicked off the millenium with the return of the Spring Field Day at the Guelph Turfgrass Institute. Many will remember the old days of going to the Cambridge Research Station to see what was new in turf... and occasionally a little golf would be played as well. This year's activities were certainly not far off the past. Although the participation of Superintendents was down for our first comeback to Guelph, the quality of participants and the feedback to the G.T.I. was terrific. For many people, it was the first time to the G.T.I. The University of Guelph faculty did their best to entertain us all, right down to a "YOU DON'T KNOW JACK" walking tour of the Institute led by, none other than, Dr. Jack Eggens.

Our Associate members were out in great numbers and helped by

sponsoring an outstanding B.B.Q. lunch complete with ice cream bars. We'd like to take this opportunity to thank those sponsors, without whom this day would not have been possible.

Along with our sponsors, we would like to thank the many volunteers who helped in the running of this event:

**Jack Eggens** for leading us on the "You Don't Know Jack" Research Walk;

**Ken Carey, Tom Hsiang, Dave Hume and Gary Parkin** for sharing their research expertise with us;

**Pam Charbonneau**, Turfgrass Specialist and **Marilyn Dykstra**, Pest Diagnostic Clinic, who were on hand to provide advice and information;

**Norm McCollum** and his crew for their diligent work in maintaining the G.T.I. grounds;

**Erica Gunn** for helping out with the registration table;

**Jennifer Antoniak** for manning the Merchandise Booth (sales hit a high that day); and to

**Brian Haum and Greig Barker**, for running the putting competition. If I have

missed anyone, I apologize. This was truly a team effort; thanks for a job well done!

The afternoon was spent with the Decorso family, who hosted the golf tournament at the Victoria Park Golf Club East, just down the street from the G.T.I. The Decorso's are no strangers to hosting great tournaments along with an abundance of some of the most delicious food ever served. The following is a list of the lucky winners:

## Low Gross:

- |     |                 |
|-----|-----------------|
| 1st | Trevor Hunter   |
| 2nd | Robbie Robinson |
| 3rd | Bruce Burger    |
| 4th | Paul Scenna     |
| 5th | Rob Davis       |

## Low Net

- |     |                |
|-----|----------------|
| 1st | Chris Dew      |
| 2nd | Tami Packham   |
| 3rd | Michael Ross   |
| 4th | Jason D'Andrea |
| 5th | Sean Folley    |

## Closest to the Hole # 6

Colin Nisbet

## Closest to the Hole #15

Tom Brain

## Longest Drive #10

Trevor Hunter

The Clayton Switzer Trophy was awarded to Chris Dew for the low net score.

The day ended with everyone having a great day golfing and a better understanding of what is happening at the University of Guelph and the G.T.I. Under the guidance of G.T.I. Director, Rob Witherspoon, the research work conducted there is a direct feedback from industry and the University of Guelph. The G.T.I. hosts a number of

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continued on page 24



field days throughout the summer and attendance is crucial because of the feedback it generates. The Spring Field Day is an excellent opportunity for Superintendents not only to see what is being done in research, but to also give critical feedback to the G.T.I. Many

who attended this year's event were surprised at the lack of participation from fellow Superintendents. It is the hope of the O.G.S.A. through the Spring Field Day to help re-kindle our relationship with the G.T.I. and the University of Guelph. The future of our industry, as well as the G.T.I. relies on

the support from each other. Every member of the O.G.S.A. should consider having an active roll in the future of not only their industry, but also the G.T.I. After all, the future success of our industry, will be based on the education of our up and coming turf managers. So get involved!









# Turf or consequences

## The reunion

by Doug Breen,  
Superintendent  
Calerin Golf Club

Last weekend was the reunion marking the ten-year anniversary of the day I got my degree from Guelph, which I might add, is a powerful indictment of the entire higher education system in Ontario. It was good to see everyone, but it was quite shocking how old everyone else had become. The guys are generally putting on weight and growing hair everywhere but on the tops of their heads, and the classmates that have had babies are exhibiting pot bellies, big butts, and saggy breasts (although their wives still looked pretty good).

It was interesting to note that people whose primary skill ten years ago was carrying nine beers and a plate of nachos, are equally adept at balancing two kids, a milk bottle, a diaper bag, three drinking boxes and a pack-n-play.

But what was more disturbing than the physical ravages of a decade on our once nubile bodies, was the effect of ten years of mortgages, kids, car payments, and real jobs on our once adventuresome mind sets. Spontaneity used to be driving to Florida on a Thursday night to settle an argument with a waitress in the Keg about how many hours it takes to get to Orlando. Now, spontaneity is buying the Fudge Crackle ice cream instead of the \$1.99 for a 20 litre pail brand. One of the guys at the reunion, (O.K, it was me) once convinced a girl that his father owned the Cutten Club. Now I can't even convince my wife that I'm not eating chicken wings at Hooters every time I tell her that there's a meeting after work. Even when there is a meeting.

The most telling change; however, was the fact that when given the option to stay in a hotel or camp out in tents, most people took the third option and went home. Of those who stayed, the vast majority went the hotel route, one guy brought a motor home which was essentially Buckingham Palace with wheels and a Winnebago logo on it, and only a handful of us actually slept in tents. This from a group of people who to celebrate our graduation went white water rafting and slept in trees, on rocks, and in campfires.

Of course it turned out to be quite poor planning on my part, as the weekend in question dumped seven inches of rain on the tent in about four hours; and at the same time the irrigation system at Calerin went down – and the course was drying up – and you guessed it; it didn't rain there. I know I shouldn't complain about my course dehydrating while most of yours are half submerged, and the ball washers sticking out of water are being used by fishing trawlers as marker buoys; but there is only one advantage to working on a course which is a good gravel pit with a 1/4 inch of soil on it, and this is my one year in 50 to gloat.

Anyhow, the rain ended the reunion early, I had to take down the tent in the pouring rain, and I drove home, with the windshield wipers flapping; wet, tired, and feeling very old as I tried to explain to the staffer on the cell phone how to fix the irrigation back at the golf course. So much for my first day off in months – I can hardly wait for my 20-year reunion.



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# Looking back

## Fifteen years ago today

by Barry Endicott,  
Nobleton Lakes Golf Club

The board of directors of the OGSA in 1985 was: **Hugh Kirkpatrick**, Westmount (president), **Barry Endicott**, Caledon (vice), **Robert Kennedy**, Garden City, **Neil Acton**, Brooklea, **Bill Fach**, Essex, **Gordon Nimmo**, Sarnia, **Scott Dodson**, Chedoke, **Thom Charters**, Islington, **Shorty Jenkins**, Bay of Quinte, **Gord Witteveen**, Board of Trade, **Tom Simpson**, Newcastle and **Al Draper**, Greenhills (past pres.). **Barry Endicott** was newsletter editor with **Neil Acton** and **Ron Heesen** as assistants.

"Green Is Beautiful" won one of the top ten best newsletters awards in Washington at the GCSAA Conference in February. At that time, **Barry Endicott** stepped aside as editor and **Neil Acton** was appointed as the new editor. **Jackie Dermott** retired as secretary of the OGSA and the new secretary was **Cindi Charters**.

New members: **Brian McCann** (A), Allandale, **David Lauterbach** (E), Jim Morrison Ltd., **David Barnes** (B), St. Clair Parkway, **Mike Post** (B), Strathroy, **Wayne Studds** (E), Llewellyn Security, **David Schmelefske** (F), Merry Hill, **Don McFaul** (A), Glen Abbey, **Brian Guthro** (F), Board of Trade, **Charles Eberle** (A), Ridgetown, **John Taylor** (A), Twenty Valley, **Ken Graham** (F), Brampton, **Dan Lavis** (A), Kleinburg, **Walter Dudnick** (B), Dalewood, **Gerald Sterling** (A), Bluewater, **Scott Wilson** (E), Rochester Midland Chemicals, **Colin Nesbit** (A), Westview, **George Forest** (A), Pike Lake, **Paul Gillen** (E), Holland Equipment and **Doug Black** (B), Beaverville.

On the move: **Paul Scenna** moved on to Burlington Golf Club and **Bruce Burger** left Dalewood to take Paul's old position at the Galt Country Club. **Tim Sherlock** left Caledon, as assistant, and went to Cornwall and **Greg O'Heron** left the Board of Trade, as an assistant, and went to Markland Wood as superintendent. **Greg Aljoe** moved from Merry Hill to Foxwood and **Sid Witteveen** left Vaughan Valley and started construction at Lock Marsh Golf Club. **Steve Miller** and **Randy**

**Price** both left the business to start different landscaping companies.

The GCSAA Conference was held in Washington on February 5-13. **Barry Endicott** received an award for "Green Is Beautiful". **Al Draper** was a session chairman and **Blake McMaster**, **Neil Acton** and **Ron Heesen** were all speakers. The conference was attended by over 50 Canadian superintendents.

The CGSA Conference and Show was held in Winnipeg in March. **Blake McMaster** was elected as the 17th president at the conference. **Bill Hynde** was chosen as the Superintendent of the year Score Magazine Award winner.

The Georgian Bay Superintendents were in full swing with meetings at Deerhurst, **Ed Farnsworth**, Borden, **Ray Richards**, Royal Downs, **Stew Picken**, Horseshoe Valley, **John Hughes**, Barrie, **Ed Dodda**, Brooklea, **Neil Acton** and Midland, **Alex LaBelle**. An OGSA/Borders Cities meeting was held at the Dominion Golf Club on April 10th hosted by **Dan Uzelac**. The Canadian team of **Bill Fach**, **Bob Heron**, **Thom Charters** and **Pat Hebert**, all with scores of 81, beat out the Americans by 6 shots.

The Spring Field Day was held at the Cutten Club on June 19th. This was the first time in fifteen years that this tournament was not held at the Galt Country Club. **Richard Creed** was the host superintendent. The low gross winners were **Greg Aljoe**, Merry Hill 74, **Blake McMaster**, Brampton 75, **Ted Ellis**, Greenwood 76, **Bruce Vollet**, Conestoga 76 and **Joe Kenny**, Oaklands 76.

The President, Greens chairman and Superintendent tournament was held at the Board of Trade with **Gord Witteveen** as host. The winning team was from the Summit Golf Club, **Doug Hoskins**. The Superintendent/Pro tournament was held at Greenhills Golf Club hosted by **Al Draper**. Top team winners were from Whitevale G. C., **Warren Vout** 157, Westmount, **Hugh Kirkpatrick** 160 and Oakville, **George Garner** 160.

There was an OGSA curling meeting held at St. Georges on March 12th

hosted by **Bill Hynde**. The team of **Shorty Jenkins**, **John Arends** and **Tom Murphy** emerged as the winning rink. The Western Ontario Golf Superintendents held an early meeting at Beechwood Golf Club in Niagara on April 25th. Gross winners were **Tom Bell**, **Dave Nichols** and **Bill Glashen**.

The OTRF Fundraising Tournament was held at the National on August 12th with \$9,700 being raised. **Bill Glashen** had the best score with a fine 79. **Ken Wright** was the superintendent host and **Gord Witteveen** hosted the barbecue back at the Board of Trade.

The McClumpha Tournament was held at the Thornhill Country Club hosted by **Dave Gourlay Sr.** The winner of the George Drew trophy was **Curly Endicott** with a score of 90. Low score for the day was **Bruce Burger** with a score of 74.

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