February 2001

Green is Beautiful

The Official Publication of Ontario Golf Superintendents' Association

The Ontario Turf Symposium

South of the Border

International Turfgrass Research Conference

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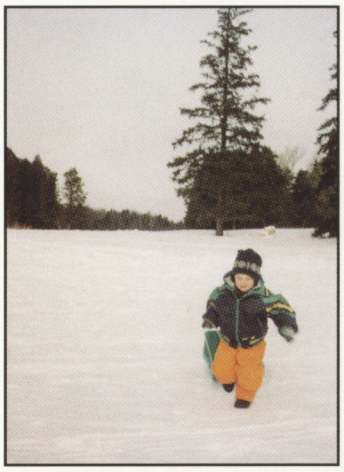


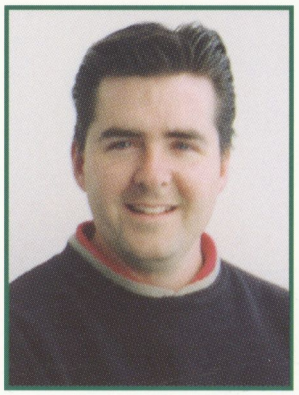
COVER PICTURE

Walker Breen at Orangeville Golf & Country Club

Photo by: Doug Breen

OGSA is committed to serving its members, advancing their profession, and enriching the quality of golf and its environment.

President's message



John Gravett
The Granite Club

There has probably never been a better time to be involved with the business of golf. We are all indeed very fortunate to participate in an industry that has experienced such tremendous growth and opportunity right across the country.

The Ontario Golf Superintendents' Association continues to progress at lightning speed and we have all of our Membership to thank for the prosperity we all enjoy today. We will get a chance to celebrate this past dedication from our Members during this year with the release of the OGSA Anniversary Book. Our organization continues to be a leader in the Golf Business and this is reflective of the respect our Members continue to receive throughout the industry.

Our organization must continue to create new opportunities for growth, and strive towards a vision that continues to provide strong benefits for our Membership. Vision usually involves change, and your Board of Directors will dedicate themselves to make the best possible actions to meet your needs. The launch of our new web-site is just another example of how our offering to the Membership and industry at large, continues to increase in value exponentially. The creation of specific and Director portfolios for education/research and web-site will allow us to sharpen our focus on these areas. It is difficult to imagine that someday our web-site will most likely become equally as important to each of us as our current newsletter publication.

Enhanced educational opportunities are just one method in by which we can all expand our scope of work at our own organization and clubs. Our employees are looking to their Superintendents to provide more services above and beyond Turfgrass Management. "Be not afraid" of expanding your horizons and training outside the "Turf Box."

Your Board of Directors for 2001 have formulated a list of challenging goals and objectives for the current year. In addition to examining enhanced educational opportunities, the OGSA needs to re-examine our relationships with other organizations to help build an even better future.

We are pleased to announce that Jeff Stauffer, from Credit Valley Golf and Country Club in Mississauga will be the new Editor of Green is Beautiful magazine.

The Board continues to welcome your input on OGSA matters, and participation in industry events.

A warm welcome to our two new Board of Directors, Sean DeSilva (The Diamond "In The Ruff" Golf Club) and Mike Courneya (Trillium Wood Golf Club). I would like to thank Keith Bartlett for a job well done as your previous President, and a special thank you to Ian Bowen and Bob Heron who both have consistently dedicated their hearts to the OGSA during their respective tenures. These two gentlemen were, and still remain very passionate about this great organization.

ONTARIO GOLF SUPERINTENDENTS' ASSOCIATION
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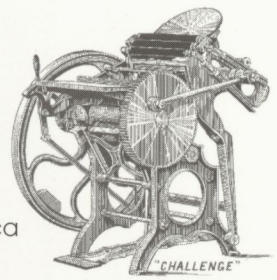

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Green is Beautiful 2001

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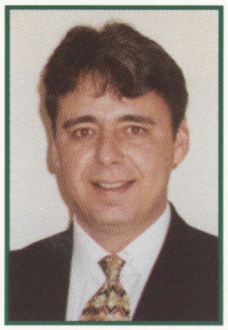
Editor's message



Bob Burrows
Rosedale Golf Club

I never realized that the concept of the new millennium starting in the year 2000, rather than the more accurate 2001, would evoke such passionate emails to me when I wrote my December Editor's message. In fact, I actually agree with the less popular, yet mathematically correct number. Sometimes all the hype gets the best of writers. I stand corrected.

This month, in the actual first issue of the new millennium, we have brought together the events of the OTS. Although, I could not attend this year due to a family emergency, I understand that the Symposium was another successful event. Our industry partners are to be congratulated for hosting the 12th annual OSC/NUTRITE seminar in December, and for sponsoring the President's reception at the OTS.

This magazine is a member benefit which provides a means of communication in our industry. Another vehicle for communication was introduced at the OTS, with the launching of the OGSA web site (www.golfsupers.on.ca). Although there are still some pages 'under construction', I would encourage you to spread the word about this exciting means of communication.

Other columns this month include, gasoline storage, highlight of the Maple City GC, news about the upcoming International Turf Research Conference, our regular contributors, and the procedure on lost ball and O.B., which is a rule I seem to exercise frequently whenever I play golf. We are also introducing a new column by Mark Prieur, which will introduce you to some of the websites that prove valuable to golf course superintendents, Cyber Super.

Lastly, as I will likely be appointed the Ontario Director of the CGSA at their AGM in Vancouver, this column will probably be my last as Editor. The workload of being Editor, and CGSA Director (and keeping my job) would have been just too much. I have really enjoyed being Editor over the past year, and watching over the many improvements to the magazine.

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

Graham M. Butler Class C
Brantford Golf & CC

Brian K. Carver Class A
International Country Club

Greg Moore Class S
Cherry Downs Golf & CC

Jamie A. Spencer Class C
Echo Valley Golf Course

Fred Stockwell Class F
Kings Riding Golf Club

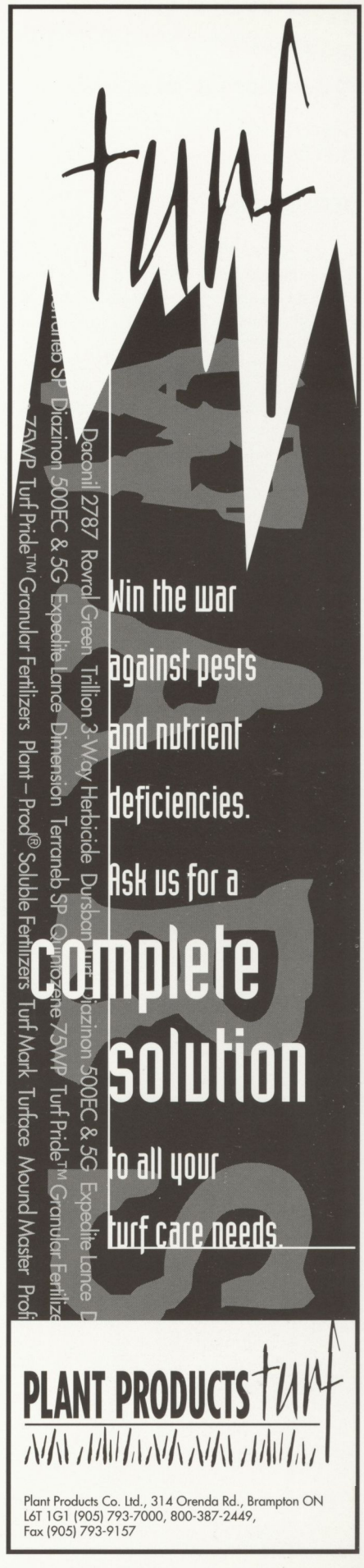
Armtech Limited Class E
Doug Leitch

Penguin Golf Associates Class E
Jim Firth

PRECIPITATION IN ONTARIO REGION

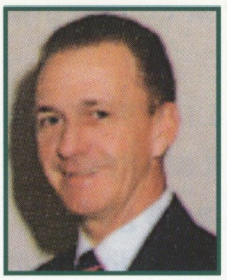
Measured at Pearson International Airport
Provided by Ministry of the Environment

	YEAR 2000 Average	Actual
January	45.6 mm	29.2 mm
February	45.5 mm	48.4 mm
March	56.9 mm	18.8 mm
April	64.0 mm	79.3 mm
May	66.0 mm	124.4 mm
June	68.9 mm	169.2 mm
July	76.6 mm	38.8 mm
August	84.2 mm	38.0 mm
September	74.2 mm	70.0 mm
October	63.0 mm	17.6 mm
November		
(rain)	64.3 mm	55.0 mm
(snow)	6.4 cm	0.4 cm
total	70.3 mm	55.6 mm
December		
(rain)	38.3 mm	12.8 mm
(snow)	31.3 cm	63.8 cm
total	65.6 mm	71.4 mm
YTD		
(rain)	664.7 mm	635.2 mm
(snow)	124.1 cm	136.2 cm
TOTAL	780.7 mm	755.7 mm



The referee

Ball lost or out of bounds



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

DEFINITIONS:

A BALL IS "LOST" IF:

A) It is not found or identified as his by the player within five minutes after the player's side or his or their caddies have begun search for it; or

B) The player has put another ball into play under the Rules, even though he may not have searched for the original ball; or

C) The player has played any stroke with a provisional ball from a place where the original ball is likely to be or from a point nearer the hole than that place, whereupon the provisional ball becomes the ball in play.

Time spent in playing a wrong ball is not counted in the five minute period allowed for search.

"OUT OF BOUNDS" – is beyond the boundaries of the course or any part of the course so marked by the committee. When out of bounds is defined by reference to stakes or a fence, or as being beyond stakes or a fence, the out of bounds line is determined by the nearest inside points of the stakes or fence posts at ground level excluding angled supports.

When out of bounds is defined by a line on the ground, the line itself is out of bounds.

The out of bounds line extends vertically upwards and downwards.

A ball is out of bounds when all of it lies out of bounds.

A player may stand out of bounds to play a shot.

A ***"PROVISIONAL BALL"*** is a ball played under Rule 27-2 for a ball which may be lost outside a water hazard or may be out of bounds.

When fences are used to define the boundaries of the course it is usually easy if the fence is a steel mesh fence. The inside edge of the steel posts are used to define the out of bounds line. When fences become broken down or when cedar fence rails are used it is much more difficult to define the boundary line. This is when it becomes important that the boundary line be properly defined by a row of white stakes. It must be possible to view from one stake to the next to determine whether the ball is out of bounds or in bounds. This is an area where the superintendents can help rules people. Please try to keep your boundaries properly defined. It will assist us at tournaments and it will also help speed up play on your course as it will make it easier for the players to find their ball and tell whether it is in or out of bounds.

27-1 Ball lost or Out of Bounds

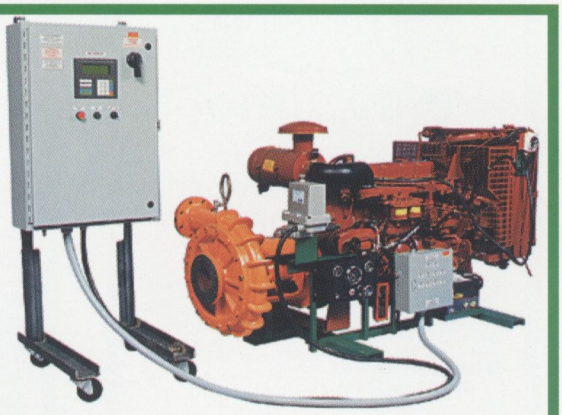
If a ball is lost or is out of bounds, the player shall play a ball, under penalty of one stroke, as near as possible at the spot from which the original ball was last played (see Rule 20-5).

Exceptions:

1. If there is reasonable evidence that the original ball is lost in a water hazard the player shall proceed in accordance with the water hazard Rule 26-1.
2. If there is reasonable evidence that the original ball is lost in an immovable obstruction (Rule 24-2c) or an abnormal ground condition (Rule 25-1c) the player may proceed under the applicable Rule.

PENALTY FOR BREACH OF RULE 27-1

MATCH PLAY- LOSS OF HOLE
STROKE PLAY- TWO STROKES



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Health & safety

Preparing the paperwork

by Doug Johnson,
SAFETAID and Health and Safety Consulting
First Aid and Safety Supplies and WHMS Training

Happy New Year!! I trust that you had another great year and you are looking forward to the coming season.

This is an ideal time to plan your training and initiation for the spring. As you are aware it is imperative that you ensure that your staff understand their responsibilities when they are at work. To do this you should be detailing the procedures that you want them to follow while at work. This is the moment to prepare while you have time and things are quiet. Your staff initiation should include Health and Safety.

Have you considered the health and safety issues that might affect your staff? Here are a few of the items that you should be prepared to deal with once the season starts.

Think about your work rules.

Do you have a written Health and Safety program that includes all workers and contractors (September 2000 issue of *Green is Beautiful*)?

What personal protective equipment are your staff required to wear? Hard Hats? Hearing Protection? Safety Glasses? Safety boots? When does it have to be worn? Are there different rules for different jobs, different times of day or different locations on the course?

Does your club have written policies and procedures that your staff is required to read and acknowledge in writing?

Do you have a written document that identifies all the Health and Safety items you want your staff to know? Does this document make it clear that there are no deviations allowed from the requirements?

Does your senior management or the owner support the rules that you want in place? Will your staff understand the enforcement of these rules? Do they know who has the authority to enforce Health and Safety rules in your workplace other than you?

Do the workers understand the consequences of breaking the rules under the Health and Safety legislation?

Do you have a well designed and communicated emergency plan?

Will your workers understand how to report an emergency and will they know their obligation if an emergency occurs?

Every workplace with five or more workers on the site must have a written Health and Safety Policy and a written program to support the policy.

Are you prepared for this coming season?

Do it now and save yourself and your club the grief of trying to put a program together when the Ontario Ministry of Labour is on your case.

Questions? Give me a call.

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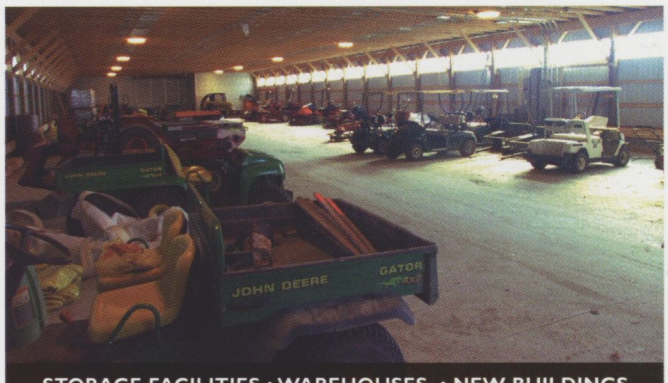

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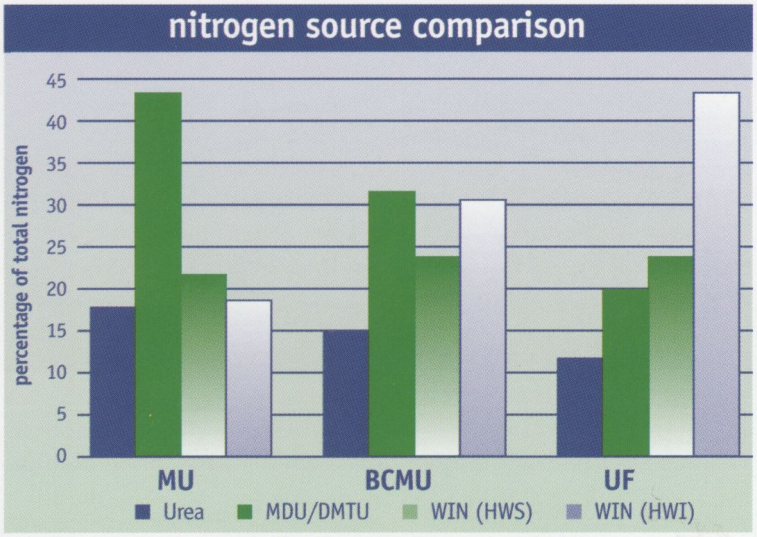
The shorter chains (water soluble components) in BCMU provide fast greenup and as they dissipate, the longer ones (water insoluble components) take over to give sustained feeding. It is one of the most uniform releases available in a fertilizer.

This sustained, consistent and efficient nitrogen release produces excellent plant response throughout the growing season, even into the second year, without inducing growth flushes, leaching excess nitrogen or losing it benefits due to volatization.

While improving color and stress resistance, BCMU's carbon and nitrogen molecules also feed microbes in the soil, enhancing root and rhizome development and creating a rich humus layer, even in soils low in microorganisms.

It is safe to use on fine turf and sensitive ornamentals and is non-burning even in extremely hot weather. BCMU is compatible with wide range of other nutrient sources and control products and is unaffected by particle sizing or damage from equipment.

What more could you ask for?



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Canadian Golf Superintendents Association news

by Bill Fach

This year's National Conference and Trade Show is in Vancouver, February 24-27. We have the highly regarded Olympian, Charmaine Crooks, as our keynote speaker, who has competed in five consecutive Olympics, and now serves on the Olympic Ethics Committee. The Monday Night Party will be the traditional Harbor Salmon Cruise and the Banquet will close out the conference, as usual, on Tuesday at the Waterfront Centre Hotel, with the very well known Powder Blues Band. One seminar on Friday, February 23 and three more on Saturday are awaiting anyone wanting that little extra before the conference. All of the events including the Saturday Golf Tournament, are run with complete cooperation with the WCTA.

This past fall we had our first ever Exhibitor's Summit. At the summit, we had the top-12 exhibitors from the previous 10 years sit down and discuss with us the future of our trade show. As you know, we've been depending a lot on the revenues we receive from the trade show to carry on the day-to-day financing of the CGSA. We explored all options from not having an event at all, to a much more aggressive attempt to make our event even bigger. It was agreed that a cooperative approach to working with regional groups whenever we go to that particular region, was the most sensible and productive approach for all concerned. The exhibitors were very supportive of CGSA working with the WCTA this year, as well as the Quebec Association in 2002. When there's only one show, the distributors are more likely to give more enthusiastic support to that event that year.

In 2000, CGSA selected Jim Wyllie, an OGSA memeber, as its John B. Steel Award winner and Jim Brown, of Nova Scotia, was selected as the Superintendent of the Year. Paul Dermott, another OGSA member, was chosen as the CGSA/Toro Environmental Achievement Award Winner. Tim Hatfield from Fairview College, was the CGSA/Toro future Superintendent award winner.

Next year's Fall Field Day is at Royal Bromont Golf Club, about one hour south of Montreal. It was hand picked by our colleagues in Quebec as the site for the September, 17th Fall Field Day this year. Tim Harkness, our Quebec director, will be the host superintendent.

It's been my pleasure to be your representative at the national level. The national association is working on your behalf. I welcome any input you have to help CGSA be even more valuable to superintendents here in Ontario.

Hire a student... reap the benefits

by Jerry Richard, Superintendent
Craigowan Golf & Country Club

If you are like most Golf Superintendents, trying to meet the challenging task of maintaining your course properly with 65% of your budget going into wages and benefits, is under increasing scrutiny. You may be able to help your situation, and look very resourceful to your members and Board. Check out what your local Community Employment Service (C.E.S.) office has in place for employing students during the upcoming year. For the past several years, we have benefitted from three different wage subsidy programs that will give you back money if you employ students. These are students that you hire yourself, or they can be students that you already employ.

The criteria to meet is:

- They must be 24 years old or less (programs begin in April).
- They must be enrolled in school or starting school (proof is necessary).
- They must be able to learn on the job (a given on a golf course).

If a student is returning to school, then they will qualify for the Summer Job Services (SJS) program, which will subsidize $2.00/hr up to $700.00 per student for the year. Even better, if a student is not returning to school (graduating or not) then they qualify for the Job Connect program and a subsidy of $4.00/hr up to approximately $2100.00 per student. In this program, the student must not have been in that program for 52 weeks.

There is also a Federal program that will pay $3.40/hr or $1900.00 for a student in one year. These programs were all in place in year 2000. Our greens department alone, capitalized on almost $12,000.00 for the season, which was put right back into the wage budget. This equated to 2 more seasonal workers.

Tips For Getting Started

- Don't delay! Get down to the office now to get all the information so that you can take full advantage.
- Make a contact that you can keep. Chances are, one of your club members works at the C.E.S. office in your town. Let them know how your operation will benefit from the extra staff you will be able to hire.
- Remember, that you are also doing your C.E.S. office a service by allowing them to direct their allotted funds for these programs. Our tax dollars pay for these programs so don't feel guilty, you are employing more young people and training them as a result, which is what these programs were designed for.
- Do the paper work yourself. This was your idea and make sure when the cheques start coming in that they are going into your budget and not somewhere else. There is work involved in setting this up so don't let others benefit from your toil. When other departments at your club see how easy they can help their bottom lines, they will follow your lead.
- Finally, set up a wage spreadsheet on your computer, if you're able, and incorporate all your subsidy benefits into it. Microsoft Excel works great, and as you get better and incorporate more things into your wage sheet, it will become very accurate so you can maximize your wage budget. Your finance chairperson will be very impressed.

I can only speak for the C.E.S. office in Woodstock, but they were very helpful and eager to help. Hopefully, you will have similar success in your town.

ANNOUNCEMENTS

Congratulations to Dave Cours & Family

Michelle Cours, weighing in at 8 lbs 6.75 oz arrived on Wednesday, January 10th. Everyone is healthy and doing well.

Correction - December 2000 issue of *Green Is Beautiful*, as reported by Neil Acton. The caption for photo on pg. 8, bottom left should read Jim Hopkins and not Jim Patterson. Our apologies, Jim.

Lambton College Co-Operative Education Program

Parks Nursery students share a common first year with specialization taking place during the second year of either Parks/Golf Course concentration or the Landscape/Nursery concentration.

Co-op Students are available for work experience April 16, 2001 to October 5, 2001

Graduates are available for work April 16, 2001 (ongoing)

There are many employer benefits to hiring a co-op student. For more information contact Karen McClughan, Co-op & Career Consultant at (519) 542-7751 ext. 3386.

Green Is Beautiful

Has been awarded "Most Improved Magazine" category in the 2000 GCSAA Chapter Newsletter Editors Contest. The entries were evaluated for their originality, excellence in editorial content and design. Bob Burrows will be on hand at the GCSAA Conference in Dallas Texas to be recognized and accept the award.

Congratulations to all those who contribute to the magazine and to our Editorial Committee, who will continue to work together to provide an equally good magazine in the future.

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COURSE PROFILE

WHAT COUNTY IS YOUR CLUB LOCATED IN?
Chatham Kent

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

SIZE OF MEMBERSHIP?
780

NUMBER OF ROUNDS?
36,000

TYPICAL OPENING AND CLOSING DATE?
April 1 and December 5

NAME OF SUPERINTENDENT?
John Pickard

HOW MANY YEARS HAVE YOU BEEN A SUPERINTENDENT?
26

ARE YOU CGCS OR MASTER SUPERINTENDENT.?
No

HOW MANY YEARS HAVE YOU BEEN AN O.G.S.A.. MEMBER?
18 (not sure though)

HOW MANY YEAR ROUND STAFF?
3

HOW MANY SEASONAL STAFF?
10

HOW MANY MECHANICS AND ASSISTANTS?
1 mechanic, 1 assistant

HOW MANY GARDENING STAFF?
1

COURSE STATISTICS

HOW MANY HOLES?
18

WHAT IS THE YARDAGE FROM BACK TEES AND FORWARD TEES?
6600 (back tees), 6300 mens & 5700 ladies (forward tees)

WHAT IS THE SIZE AND LENGTH OF DRIVING RANGE AND RANGE TEE?
280 yds 17 acres

HOW MANY BUNKERS?
30

HOW MANY PONDS, AND/OR HOW MANY TIMES DOES WATER COME INTO PLAY?
11

WHO WAS THE ORIGINAL ARCHITECT?
Robbie Robinson

WHAT WAS THE YEAR OF ORIGINAL CONSTRUCTION?
1957

WHAT MAJOR TOURNAMENTS HELD?
1999 Royal Canadian Juniors Golf Championships, 160 of Canada's best male golfers under the age of 18... Winner: Kevin Klieve from B.C.

WHAT IS THE SIZE OF YOUR MAINTENANCE SHOP?
50' x 100'

WHAT TYPE OF IRRIGATION SYSTEM?
Toro LTC Age: 8 years

WHAT IS THE SIZE OF THE GREENS, TEES AND FAIRWAYS?
2-1/2 acres (greens), 1 acre (tees) & 24 acre (fairways)

WHAT IS YOUR PREDOMINANT GRASS?
Annual blue, bentgrass

HOW MANY USGA GREENS AND HOW MANY LOAM GREENS?
18 loam greens

WHAT IS THE PREDOMINANT SOIL TYPE?
Sandy loam, Brookston clay

WHAT EQUIPMENT DO YOU HAVE IN INVENTORY?
3 – Toro 3100
3 – walking mowers
2 – Jac Tri Kings
1 – Toro 5400D
1 – Jac LF 128
1 – Kubota Front Deck
3 – tractors various sizes
1 – J.D. 250 Skid Steer
1 – 17 ft. rough mower
2 – trap rakes
1 – range cart & ball picker
1 – sprayer
6 – maintenance carts
1 – spreader
1 – topdresser

COURSE PROJECTS

WHAT PROJECTS HAVE YOU RECENTLY COMPLETED?
Purchased and development of driving range , erosion control project along river bank, tee deck renovation, bunker restoration, irrigation system installation, club house expansion and renovation, paved parking lot, dredging of ponds and cleaning.

LONG RANGE PLANS

WHAT LONG RANGE PLANS FOR RENOVATION DO YOU HAVE IN THE NEXT FIVE YEARS?
Maintenance building expansion, flood control project, cart path paving, junior tee decks

CHALLENGES

ARE THERE ANY PARTICULAR CHALLENGES YOU FACE WITH YOUR PROPERTY?
Flooding is an annual event, particularly this past year. The Thames River has a large watershed reaching north to Mitchell and east to Woodstock and empties into Lake St. Clair. The 18th hole has been under water four times this golfing season, closing it for some time. This has become an issue with the members. So a flood control project is on paper, building dikes and installing drainage pumps will be completed by year 2001.

SUCCESS STORIES

DO YOU HAVE ANY SUCCESS STORIES?
In 1988 a 5000 ft. addition added, increasing the dining area, adding a pro shop and golf club and cart storage.

1992 a new Toro LTC irrigation system was installed along with irrigation pond and pumping station.

1993 seventeen acres were purchased, Robert Heaslip was retained to layout a driving range, completed in 1994

1995 an erosion control project was established along a portion of the river, gabien baskets, sub drainage and matts were installed

1998 new kitchen and locker room upgrades

2000 bunker renovations, new drainage and Ohio sand added

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The Ontario Turf Symposium

The OTS appreciated good attendance again this year, with the good weather aiding the trade show participants in an easy move. Many of our members not only attended the show and the sessions, but were also active as speakers and chairpersons.

OGSA was on hand with their booth in the Lower Foyer with the other associations, and would like to thank all those members who dropped by to say hello. Much interest was shown in our newly introduced web site www.golfsupers.on.ca, which was available at our booth for our members to do a little on line browsing, and for our Associate members to see how they can promote their firms through Banner Advertising on our web site.

Mark Schneider, Representing the Georgian Bay Superintendent's Association presented cheque to Rob Witherspoon, for Turf Research

Jim Flett, at the OGSA booth, eager to answer questions about our web site.

O.G.S.A. Annual Meeting

Keith Bartlett chaired the Annual General Meeting and smoothly directed the proceedings. As voting members had received written reports of each portfolio well in advance of the meeting, it was not necessary to give verbal accounts from each Director.

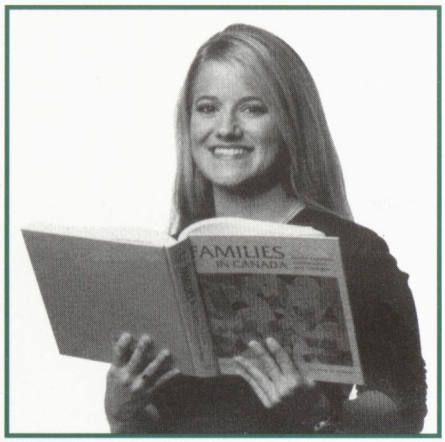
Ian Bowen conducted the Annual Election in which nominees Mike Courneya from Trillium Wood Golf Club and Sean DeSilva from Diamond "In The Ruff" Golf Club, were elected to office. We take this opportunity to welcome Mike and Sean to the Board of Directors.

4th annual O.G.S.A. President's Reception

The President's Reception immediately followed the Annual General Meeting with a good turnout. The official part of the evening included an introduction to the 2001 Board of Directors, and the presentation of the following awards:

2000 OGSA Heritage Scholarship

Jennifer Hooper, daughter of Randall Hooper, superintendent at Beach Grove Golf & Country Club was awarded the Heritage Scholarship. Jennifer is in her fourth year of studies for completion of her Honours Family and Social Relations degree at the University of Windsor. Based on academic achievements from last year, she has been offered a position as a teaching assistant in the Department of Sociology. Upon completion of her honours degree, she plans to attend teachers' college where she will study primary education level with a possible focus on special education. Congratulations Jennifer, and good luck on all your future endeavours.



Jennifer Hooper, Recipient of the Heritage Scholarship

2000 OGSA Turfgrass Scholarship

Rob Ackermann presents plaque to Catherine Towle

Catherine Towle, is the recipient of the Turfgrass award. Catherine is a student at Seneca College, currently enrolled in the second year of the two year Golf Course Technician program. She is dedicated to making turfgrass management her lifelong study with an emphasis on research and promoting compromise and harmony between golf courses and nature. Catherine plans to continue working and learning at a golf course(s) until she has gained sufficient knowledge and expertise, in combination with her years of business management experience, to assume the position of superintendent. Congratulations Catherine on your accomplishments!

2000 Article of the Year Award

Scott White, of Donalda Club was presented the "Article of the Year Award" for his Feature Article appearing in the February 2000 issue of Green Is Beautiful, "Something's Fishy At Donalda". The criteria for this award is based on a point system consisting of originality, relevance, clarity, depth, style, illustrations, and readability. The article must have been accepted for publication in Green is Beautiful between October 1999 and October 2000, and written by Class A, B, C, F or S member.

Barry Endicott presents Scott White with Article of the Year Award

2000 Photo of the Year Award

Rob Ackermann was presented with the "Photo of the Year Award" for his photo of Flooding of #10 Bridge at Markland Wood Country Club.

We would like to take this opportunity to thank the sponsors of this event. Without their support, this would not have been possible. Thank you!

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United Horticultural Supply

Winners of the O.T.S. - draws from United Horticultural Supply are:

1. Winner of the Toronto Maple Leaf tickets at the social bash was Dave Stevens of Beaverbrook Golf Club, Minden
2. Daily winners at the United Horticultural Supply booth were:
   a) Jerry Richard of Craigowen Golf Club - Woodstock who one 10 bags of Nature Safe organic fertilizer
   b) Martin Kopp of Lionhead Golf Club - Brampton
3. The winner of United Horticultural Supply $2,000.00 Signature Vacation was: Dave Dickinson of Stonebridge Golf Club - Nepean. Dave's name was picked from entries who purchased 40 bags of Signature greens fertilizer over the past year, 2000.

Congratulations Dave. Thanks to everyone who supported United Horticultural Supply in 2000, we look forward to serving you in 2001.

Jeff Crampton, Pam Charbonneau and Dave Dickinson

continued on page 14

continued from page 13

Introducing your 2001 Board of Directors

Introducing your 2001 Board of Directors
Back Row: Sean DeSilva, Rob Ackermann, Jim Flett, Mike Courneya
Front Row: Paul Scenna, Keith Bartlett, John Gravett, Dean Baker
(Jeff Burgess, Dave Cours, Mark Piccolo and Bob Burrows were unavailable for photo).

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Curling anyone?

O.G.S.A. Spring Curling Day

North Halton Golf and Country Club is once again hosting a curling day for all those interested.

Date: Wednesday, March 7th, 2001
Time: 12 Noon Start
Host: Dean Baker
Place: North Halton Golf and Country Club
363 Maple Avenue West
Georgetown, Ontario L7B 4S5
Fee: $15.00 per person (payable on arrival)
Price includes: Min. (2) 4 end games
Coffee, Soup and Sandwiches
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Anyone wishing to join in on this fun day of curling, RSVP Dorothy Hills at O.G.S.A. by March 2nd, 2001. Phone: (519) 767-3341 or Toll Free 1-888-824-6472 Fax: (519) 766-1704

If you do not RSVP, on sight walk-in's are welcome, however, you will not be guaranteed to play.

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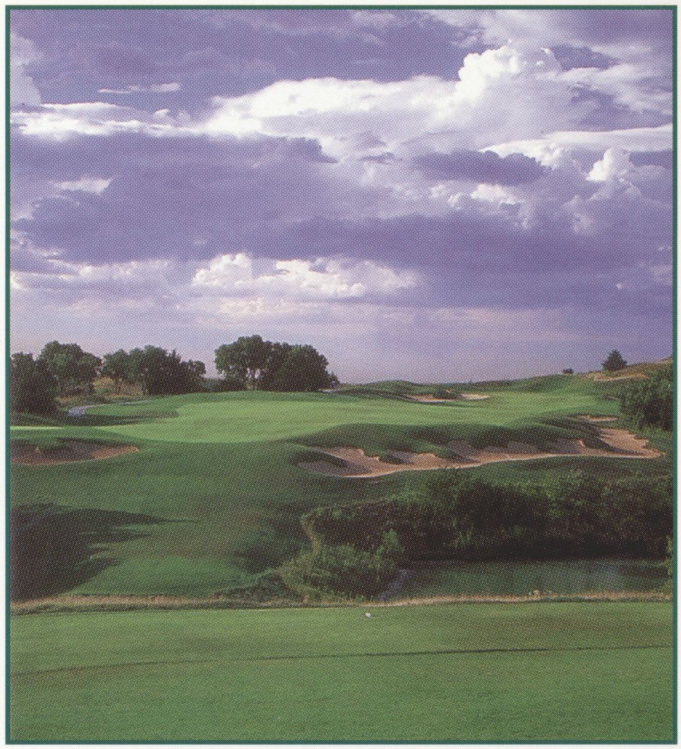
South of the border

by David W. Gourlay, CGCS
Director of Golf Operations / General Manager
Colbert Hills Golf Club



Colbert Hills Golf Club

In the event you haven't looked over your shoulder lately, don't be surprised to see a new breed of golf course managers that are motivated, highly educated, experienced, well rounded in the overall golf operation and hungry to get into the profession. These course managers will be more prepared to enter the profession than ever before. Without question the role of the Golf Course Superintendent has changed and evolved over the past 20 years. Today's Superintendent is innovative, certainly well educated (many with 4 year degrees in Agronomy, Agriculture or a related science) and have been forced into realizing the importance of having a strong business understanding. No one can argue that the golf club management profession of today is a business, and the ability to adapt in this climate will undoubtedly offer individuals greater flexibility in advancing their careers. The increase in management companies over the past several years only adds support to the fact that our profession is tied to the bottom dollar.

With this mindset in place, Kansas State University (located in Manhattan, approximately one and a half hours west of GCSAA headquarters) has set up a training program that includes a four year degree program which addresses the future needs of turf professionals in the next decade and beyond. The idea was a vision of the senior tour player Jim Colbert. Jim Colbert realized the importance of the golf course superintendent as it related to the bottom line as a result of his personal experience in operating his own management company through the 80's and 90's. "The Superintendent is in charge of the actual golf facility and has the greatest effect on the expenses of the club" Colbert is often quoted in saying. With this in mind, the Kansas State University revised its turf program to recognize this fact. Students graduating from KSU will not only have the ability to manage the actual grounds but also be in a position to have the option to be the General Managers of the property.

Students are now required to complete two three-month internships in addition to their studies. One internship is to be conducted on the golf course and the second is completed in the clubhouse learning the food & beverage operation and administration. Since the new change in the program, in 1998, this major currently has 163 students and a waiting list has now been implemented.

To provide the students with hands on experience, a new course located approximately one mile from the university was built and opened in May of 2000. The course is appropriately named Colbert Hills.

Course Facts

27 Hole Facility
Total yards : 7600 yards
Fairways, Tees : Zoysia
USGA Rating : 76.5
Greens : L-93 Bentgrass
Slope : 152
Rough : Kentucky Bluegrass/ Fescue
Par 3 course greens: A-4, G-2, Cato, L-93, Providence, Putter, Sr-1020, and Penncross
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12th Annual OSC / Nutrite seminar

by David Schmelefske
OSC Seeds

Ontario Seed Company and Nutrite Fertilizers combined efforts to offer a year ending customer appreciation seminar, which marks its 12th consecutive year. On November 30th, 2000, the Westmount Golf and Country Club, Kitchener, welcomed 165 Golf Course Superintendents and Assistants, representing over 100 golf courses across Ontario.

Our host this year, was Westmount's Superintendent, Mr. Hugh Kirkpatrick. He began the day with some interesting opening remarks on the history of this famous Stanley Thompson design. Hugh also touched on a number of current projects taking place at Westmount this year. The soft spoken, wise, veteran superintendent also commented on the number of his assistants, both former and present that were seated in the audience. Hugh has been a superintendent at Westmount for 23 years.

The first guest speaker for the day was R. Marie Thorne, Senior Turf Specialist for Syngenta. Marie's topic was "Merger Mania, – the Birth of Syngenta." The consolidation between Novartis and Zeneca formed Syngenta. Marie felt that this merger was a good fit because of their expected presence in the rapidly growing Professional Turf Market. Future products including next generation seed technology was discussed as well as current chemicals used in the field. The attendees listened with interest when Marie spoke of new Turf Chemicals on the verge of breaking into the Canadian Market. Marie has always been a firm believer that superintendent feed back is very important and looks forward to any comments or inquiries.

Marie Thorne, Syngenta

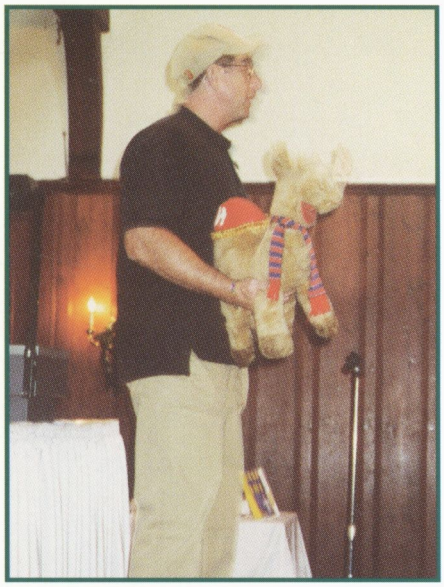
Rich Hawkes from Sustane Corporation, was our next speaker. His topic was "The Role of Organics in Golf Course Management." Rich's involvement in organic fertilizers and bio-stimulants span over 20 years. Rich's proven theory of using organic fertilizers to increase microbial activity will assist synthetic fertilizer uptake. Sustane fertilizer has been known to help suppress disease incidence, however, Rich likes to use the words "reduce severity and stretch out fungicide applications" when using Sustane as part of your fertilizer program. Bolster, a bio-stimulant, has proven to hold the colour of turf longer, especially in drought conditions. Another feature of Bolster is increasing the root mass and creating a better environment for seed establishment. It can be used in conjunction with other turf chemicals and soluble fertilizers, therefore, becoming a very integral part of turf management. Mr. Hawkes is also very interested in Superintendents' comments and feedback.

Our guest speaker, Mr. Ted Mouradian, from the Humphry group spoke on "Communication and Relationship Management & How It Relates to Your Members/Staff." Ted is a motivational speaker who maintains a low profile, often seen wearing a ball cap and carrying a knapsack, with a stuffed animal sticking out of his bag. The fiber filled toy is his logo and mascot, Humphry, whom he incorporates into his talk.

In situations where the Superintendent finds himself in controversy with his staff or members, Mr. Mouradian, suggested that he should be proactive in lieu of reactive. This would result in eliminating a possible conflict and resolving the issue easily. However, Ted's theory is that 2% of the population can not be pleased, and to remember that these people are "diseased!" Ted is a firm believer in using humour to solve problems and to lighten serious situations. For example, Ted always had a hard time firing people, so to solve this problem he suggests taking the person out to lunch and ordering their meal to go! Also, another one of his theories in everyday situations is to use the 3 F's.

FEEL
FELT
FOUND

For example, his daughter didn't want to go to school one day because of a small pimple (zit) on her nose. He sat down with her and said , "I know how you FEEL, I



Ted Mouradian, guest speaker

FELT the same way at your age. But, do you know what I have FOUND? All the other kids have the same problem or anxiety."

After entertaining us with some more humourous situations which have occurred in his life, Ted relinquished his role as guest and sat down and enjoyed a wonderful meal with all the Superintendents and Assistants.

Our afternoon session, was aptly named the "Ryder Cup of Discussion." It was a panel discussion involving four Ontario Golf Superintendents. Included in the panel were Mr. Greg Aljoe, Deer Ridge Golf Course, Kitchener; Mr. Bruce Burger, Lakeview/Brittania Hills Golf Courses, Mississauga; Mr. Jerry Richard, Craigowan Golf Course, Woodstock; and Mr. Mark Schneider from Owen Sound Golf Course, Owen Sound. Our keynote speaker, Mr. Ted Mouradian, was the moderator for this discussion. All the attendees participated in various controversial topics such as: the use of a beverage cart serving alcohol on the golf course. Although everyone understands the monetary value of this practice, the reality is that it should be monitored very closely to encourage proper etiquette on the golf course. Another topic discussed was the use of golf carts: Does it really make a difference in the speed of play and are the carts being used responsibly? The constant repair of turf from golf cart wear and tear created a very lively discussion. The third topic was: communication with the Pro Shop and membership as it pertained to certain maintenance practices. For instance, aerating or top dressing greens, how much notice must be given to membership and how much verbal abuse should staff expect. The last

topic covered was: winter protection against snow mould. There were many different theories from the audience, pro and con for turf covers. Most people felt that the use of Quintozene, either granular or wettable powder, was the most effective protection. The debate continued for two hours on these topics and could easily have continued for two more hours. The feedback from this session was very positive and many expressed their interest in another panel format next year.

The Twelfth Annual OSC/Nutrite day concluded with a wine and cheese social hour. After a very busy season, everyone had an opportunity to discuss their upcoming projects and winter vacations. Plans are now underway for the 2001 seminar and we sincerely hope that all our Superintendents and Assistants can join us for that event!

OSC and Nutrite would like to thank their sponsors who helped make this day very successful.

Panel Discussion

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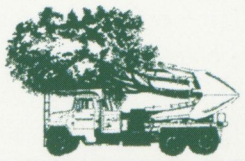

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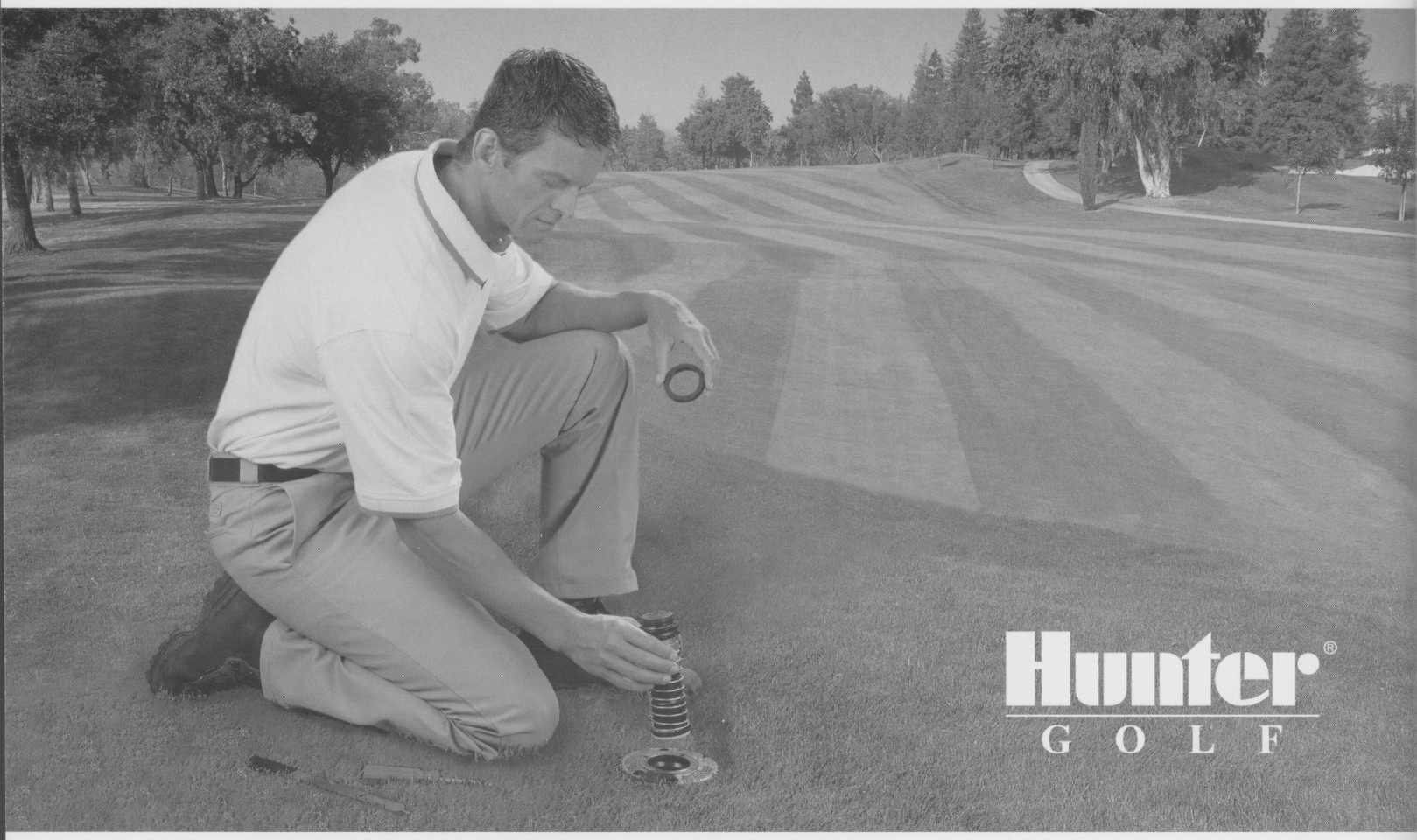

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Ontario Industry Day Set for IXth International Turfgrass Research Conference

by Pam Charbonneau and Rob Witherspoon

IXth International Turfgrass Research Conference Program

The IXth ITRC is a scientific meeting where turf scientists from around the world will be presenting their latest research findings. The conference will take place on July 15-21, 2001 in Toronto, Ontario. The venue for the conference is the Westin Harbour Castle on the Toronto waterfront. The scientific program begins on Mon. July 16, 2001 and will feature four days of scientific oral and poster sessions on the following turf topic areas:

- Breeding/Biotechnology
- Agronomy
- Environment/Wildlife
- Soils/Water
- Education/Communication/Information Technology
- Pests (Pathology/Entomology/Weed Science)

On Wed. July 18, 2001, ITRC delegates will be visiting the Guelph Turfgrass Institute to see the turf research plots. In addition, there will be stops on the way to and from the Institute to see various turf venues.

Ontario Industry Day

We will be offering an "Ontario Industry Day" on Tues. July 17, 2001 during this conference. Day registrations will be available to turf managers from Ontario to attend this day of the conference. The scientific papers presented on this day have been chosen specifically to be of interest to golf course superintendents, lawn care operators, sports turf managers and sod growers. There are two concurrent sessions in both the morning and the afternoon program.

Tuesday, July 17, 2001 Ontario Industry Day

AM Soil Rootzones or Pest Symposium: "New and Emerging Pest Problems"

PM Poster Session 1:00-2:00 on Environment and Pests
Environment Symposium: "Environmental Impacts Beyond the Fairway" or
Agronomy Session

Details of the Environmental Symposium are finalized and are presented below.

Local turf managers who are attending the "Ontario Industry Day" are invited to attend the barbecue following the scientific sessions. It is being held on the evening of July 17, 2001 on Toronto Island. This will give you a perfect opportunity to rub elbows with world famous turfgrass researchers. We hope that many of you will take this opportunity to be part of a once in a lifetime event. For registration information call (519) 767-5009 or visit the ITRC 2001 website at www.gti.uoguelph.ca/ITRC2001. Full day registration for this event, which includes the barbecue, is $100. We are also looking for volunteers to help out with the days' events. If you are interested in helping out, please contact Rob Witherspoon, GTI Director, at (519) 824-4120 x 6886.

Environmental Symposium "Environmental Impacts Beyond the Fairway"

2:00 PM	USGA Environmental Research: Past and Future	Michael P. Kenna and Jim Snow
2:20 PM	Effect of Thatch on Pesticide Model Leaching Predictions	Mark Carroll,Robert L. Hill and Sanju Raturi
2:40 PM	Calibration of Computer Model Scenarios (PRZM/EXAMS) for Pesticide Runoff and Leaching in Turfgrass Environments	Kevin L. Armbrust
3:00 PM	Dislodgeable Residues of Chlorpyrifos and Isazofos and Implications for Golfer Exposure	Snyder, R.H., J.B. Sartain, J.L. Cisar, and C.J. Borgert
3:20 PM	Questions and Discussion	
3:30 PM	Break	
3:50 PM	Golf Course Design and Maintenance: Impacts on Amphibians	James H. Howard
4:10 PM	Pesticide and Fertilizer Contamination of Streams Adjacent to Golf Courses and the Response of the Benthic Macroinvertebrate Community	Amy M. Soli and William O. Lamp
4:20 PM	Wildlife Links: Looking Beyond the Turf	Peter Stangel and Katie Distler
PM	Questions and Discussion	
5:00 PM	Adjourn	

Cyber Super

by Mark Prieur
Markland Wood Country Coub

There is little doubt that over the last decade superintendents are increasingly becoming more reliant on their computers. Whether it be for running the irrigation system or for communicating with their colleagues via email, the computer has indeed become a common fixture in every superintendent's office. The question is how does one find their way through this maze that we call the web? Hopefully you will find this column useful for finding websites that are pertinent for every superintendent.

This Month's column is aimed at the weather websites. Every superintendent should have a weather website as their home page. The need for accurate and reliable weather information at their fingertips can often determine what tasks can be prioritized for that workday.

The first website is http://www.theweathernetwork.com This speedy site gives five-day forecasts but is also linked to radar and satellite imagery. Probably the most impressive idea from this site is that one can locate their golf course in the GOLF REPORT. Superintendent's can use it like a search engine to locate their golf courses and access an accurate weather report in which the data is retrieved from their closest weather station. There are over 2000 golf courses listed so, look for yours.

Intellicast will provide the superintendent with radar and satellite loops, jet streams and other information on a more global scale. The real benefit of any loop is that the image becomes animated so one can actually see the weather mass in motion and tell if their area is to be affected. The only downside is there are too many ads and pop-ups at http://www.intellicast.com

Each weather site ultimately retrieves their information from Environment Canada's website. At http://weather.ec.gc.ca one can obtain a five-day forecast for their region as well as any weather warnings or watches that may be in effect for their area. This site however does not have any animated imagery.

Seventh annual golf course hockey challenge

by John Taylor
Hunters Pointe Golf Club

The 7th annual Golf Course Hockey Challenge was held on January 23 and 24 in Fort Erie Ontario. Twelve teams divided into three divisions competed in this years tourney. Four teams were made up of players representing the U.S. with players coming from Michigan, New York, Chicago, New Jersey and even California. The eight Canadian teams were made up of players representing areas such as Toronto, Kitchener, Northern Ontario, Niagara and London. Each in four games over the two days and when the final buzzer sounded, the Northern Ontario team defeated the Michigan team in a very entertaining and hard fought final in the "A" division. In the "B" division, the Tree team defeated team Niagara in another close, hard fought match. thanks to Turfcare Products for sponsoring the ice time for the tournament, as they have done every year since its inception. Thanks ClubCar for sponsoring the Tuesday night attitude adjustment party which was enjoyed by over 160 players, and thanks to Vanden Bussche Irrigation who looked after post game refreshments for the players and to Ontario Seed Company who helped supply some of the refreshments. Thanks to all the other sponsors who contributed to individual teams for such things as sweaters.

Division A Champions

Division B Champions

PHOTOS BY MARK PRIEUR

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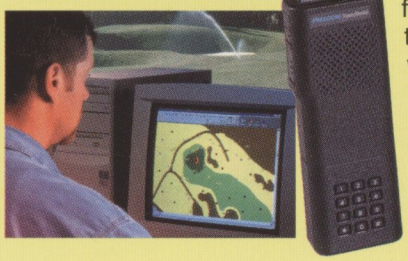

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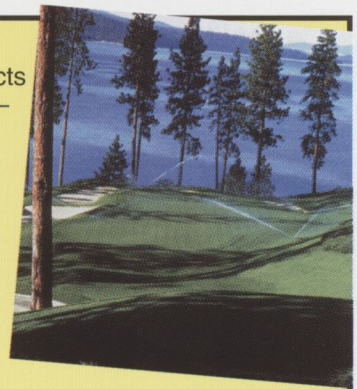

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What you don't know about gasoline storage can hurt

by Tom Scott
The Scott Safety Associates
Phone / Fax: (519) 824-2347

The Fuels Safety Division of Ontario's Technical Standards and Safety Authority has gone on record as saying that fuel storage at Ontario's golf courses is very poor. That probably comes as a surprise to most of the golf course superintendents in the province.

At a recent meeting of the Ontario Propane Association in Guelph, Fuels Safety Division, Vice-President, Mike Phillip, congratulated the OPA on their development of a Quality Management Program, and commented that it was timely as his division had become aware of a need to target resources to the inspection of fuel storage and handling systems at golf courses.

This comment and indication of intent was driven by complaints regarding fuel storage around some of Ontario's golf courses. In response, Inspectors of the Fuels Safety Division conducted a random audit of a number of courses during the past summer and inspected their fuel storage and dispensing systems. They found unacceptably high incidences of non-compliance to Ontario's Gasoline Handling Code.

The Ontario Gasoline Handling Code of 1993 sets the minimum standards for the type of equipment that can be used and the storage and dispensing of gasoline in the Province. It requires that aboveground tanks be diked, have spill and overfill protection, and be clearly marked as to contents. The owner/operator must have in place training plans for his staff, and emergency response plans in case of a leak or spill. Operators of storage systems are required to maintain an inventory reconciliation of product received and dispensed to prove that their systems are not leaking. There are also requirements placed on the use of underground storage systems that are even more restrictive.

During the audit, Inspectors found unapproved equipment in use, tanks installed too close to combustible buildings, tanks without spill or overfill protection and a high number of tanks that were not diked as required by the code. Also, most operators had not considered the need to train their staff, or to have in place a plan for action in case of a leak or spill.

Most superintendents think that the fuel supplier that they buy their gasoline from, and in many cases lease their tanks from, is responsible to ensure that the system is acceptable and correctly installed, but what they don't know is that under Ontario law, the OPERATOR of the system has primary responsibility to ensure that the system is used and maintained in the proper manner, and to take action to PREVENT and RESPOND to any spills or leaks.

If you store gasoline on site, you should take steps to ensure that your installation and operating practices meet the legal requirements set out. A visit by the inspectors of the Fuels Safety Division of TSSA will result in inspection fees of $120/hr., and if compliance failures are found, issuance of compulsory instructions and a return visit (again at $120/hr.) to ensure that you have completed the required work.

Having your equipment inspected by a neutral third party to identify needed improvements, and putting in place some simple documentation and procedures could save you a lot of time, money and aggravation in the future.

Besides, with all of the regulatory scrutiny that you are already under, who needs one more inspector wandering around looking for faults.

Library Donation Program

The following books have been added to the special Turf Section of the University of Guelph Library , through the generousity of Nigel Rennie, from Multitynes

Book Title	Author
Salt-Affected Turfgrass Sites Assessment and Management	R.N Carrow & R.R. Duncan
Turf Managers' Handbook for Golf Course Construction, Renovation and Grow-In	Charles B. White
Turfgrass Management Information Directory Second Edition	Edited by Keith J. Karnok

Our thanks also to Keith Bartlett, of Thornhill Country Club! Keith was the winner of the Draw for the $250.00 worth of O.G.S.A. Merchandise. All Class A members who attested for two or more new member applicants were eligible to win. Keith has requested that his winnings be put towards our Library Donation Program.

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Turf or consequences

by Doug Breen, Superintendent
Calerin Golf Club

Education

A fellow named Robert Fulgham once wrote that everything he needed to know, he learned in kindergarten. He said that the important lessons like sharing, playing fair, cleaning up your own mess, the balance between work and play, and the Golden Rule are not taught in university but rather, in the sandbox.

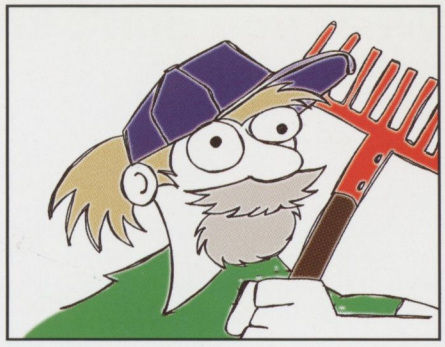
I couldn't agree more. The world would clearly be a better place if we all had a snack at two o'clock in the afternoon, followed by a nap, followed by recess. These lessons are more reinforced and expanded once we move into higher grades and separate desks.

My father says that if you don't learn something new everyday, then you're either stupid, or just not paying attention. Like most farmers, any mention of A.D.D. to my father would result in a ten minute dissertation on how the whole world just needs a good swift kick in the southern hemisphere to cure all those learning disorders.

He's right though, most of the important lessons in life are out there if you just look up from the T.V. once in a while and as Mr. Fulgham pointed out, not always in the most obvious places. I learned far more on the sports fields in high school than I ever did in the class room. At Guelph, the social skills and connections in the Pub have served me far better than courses like "Music for Non-musicians" of "Alfalfa Production". The truth is, I've got a buddy who's living proof that everything you need to know about crop production can be gleaned from a ten minute conversation with your local hydroponics supplier. I've come to believe that it's irrelevant what the content of any scholastic assignment is, what matters, is the process of getting it done in the face of all the distractions of life.

With the years of perspective since graduation, it is clear that the classmates who have excelled in their careers were not the model students who spent every waking moment in the library and carried three different coloured pens to class in their colour coded notebooks with each title and date underlined in red ink (with a ruler no less). The truly successful ones are the same people who went out 6-1/2 nights a week, slept late when they needed it, played intramural sports, had a part-time job, and juggled two or three dates at a time... but... still got all their work done, usually 3 minutes before the deadline. If a company has a report that absolutely, positively has to get done over night, this guy is infinitely more useful than someone who needs 20 minutes to organize their desk so that they can think straight, and always handed their assignments in two weeks early.

Which brings me to the various symposiums, conferences, seminars, and other educational opportunities that our business provides. The content of these courses is always excellent, but I have learned more about technical, economic and especially the political facets of golf maintenance while talking to other grounds keepers than in any seminar. I never pass on an opportunity to listen to the thoughts of anyone who has done anything for 30 plus years.



Your know they've seen a lot of grass grow and not grow.

Now, I know I've said that everyone under 20 is an idiot, but eager new superintendents and assistants appear every day and they need the guidance of the old guard to ensure that in ten years everyone under 30 isn't an idiot. Besides, I'm sure that 15 years ago lots of people thought I was an idiot, my Dad still does.

Recently, at the Ontario Turfgrass Symposium, a youngish fellow thanked me for the encouragement and advice I had given him at Pat and Marios some three years ago. Apparently, he was introduced to me by a mutual friend and I, in turn, introduced him to another colleague who two months later hired him as his assistant. Now he has his own course.

Like this young chap, I woe a lot to the older (perhaps I should say more experienced) fellows who spent a lot of their time helping me get to where I am today and I would like to take this opportunity to thank them for their continuing support, not just to me, but to the entire industry.

So whether you're a rookie, a veteran or somewhere in between, don't be in too much of a hurry to scurry home after the courses and seminars you attend. Sit down, relax and get to know some of the great people in this business. That's where the real education begins.

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Looking back

Thirty years ago today

by Barry Endicott,
Nobleton Lakes Golf Club

In 1966, the OGSA board of directors were as follows: **Keith Nisbet** (pres.), **Bob Moote** (vice.), **Dave Gourlay** (sec.), **Whitey Jones** (treas.), **George Darou** (past pres.), **Dave Moote, Larry Smithson, Carl Sellers, Ian Williamson** and **Gordon Witteveen.** The Greensmaster was the official publication of the OGSA and the editors were **Gordon Witteveen, Bill Hynd** and **Norm McKenna.**

A monthly meeting was held at the 3 year old Brampton Golf Club. The host superintendent was **Roy Cornfield.** Roy had been the assistant for seven years to **Harry McBride,** at the old Brampton Country Club. **Mr. Leo Cleary,** from the W.A. Cleary chemical firm, was the guest speaker.

Larry Smithson, who was Superintendent at the Municipal courses in Metro Toronto, was recently promoted to Parks Superintendent.

The Credit Valley Club, near Toronto, had just completed one of the most modern, expensive, fool proof elevators in the area. Now there was talk that the course will be sold for subdividing.

Tom Styles died in mid-October in St. Catharines where he was Superintendent at the St. Catharines Country Club for more than 40 years.

The Alex McClumpha Tournament was held at Glen Eagles Golf Club hosted by **Bill Calhoun. Dale Butler,** from Malton Golf Club, won it with a 74 and **Whitey Jones** was low net.

Bill Bowen, Superintendent at the Peterborough C.C., won the Willie Park Trophy at the Weston Golf Club with a 71.

A meeting and golf day was held on September 13th at theUpper Canada Golf Club hosted by **Tom Unsworth.** At that meeting, it was decided that **Keith Nisbet** would run for director of the GCSAA in the coming national elections in Washington. **Gord Witteveen** was appointed voting delegate.

On May 12, **John Arends** hosted a meeting at Hawthorn Valley. John received his early training as assistant to **Ralph Tucker** when Ralph was building the Beverley Golf Club. **Whitey Jones** was low net and **Keith Nisbet** was low gross. At this meeting, a change in the by-laws to have a separate membership class for assistants was turned down. A motion to accept pro superintendents and manager superintendents, who are not members of the PGA and the Managers Association, was carried.

The Dominion Golf Club was the site for an April meeting hosted by **Danny Uzelac** and his wife **Dorothy.**

On March 8th, **Joe Roberts,** of the Oshawa Country Club, hosted over 50 members. The guest speakers were **Mr. James Lent** and **Mr. Art Drysdale.** Some of the members at this meeting were: **George Darou,** Richmond Hill; **Joe Peters,** Strathroy (both Darou and Peters were one time superintendents at Oshawa); **Tom Unsworth,** Upper Canada Golf Club; **Ted Charman,** Toronto Ladies; **Ernie Allen,** Toronto Hunt Club and **Norm McKenna,** Summit Golf Club.

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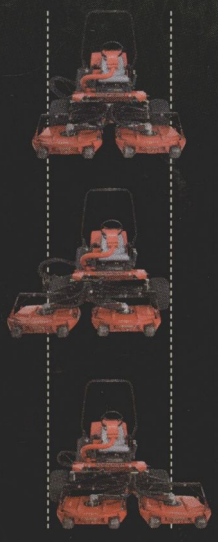

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