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March 1985

Green is Beautiful"

ario Golf Superintendents Association

X 312, ETOBICOKE, ONTARIO M9C 4V3

TELEPHONE: 233-8388



MARCH 1985

SERIALS

JACKIE DERMOTT

AUG 19 1985

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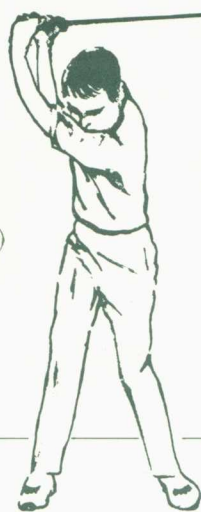


O.G.S.A.

SECRETARY

January 1974 —

November 1984



ONTARIO GOLF SUPERINTENDENTS ASSOCIATION

BOARD OF DIRECTORS FOR 1984

PRESIDENT

Hugh Kirkpatrick
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Tom Simpson

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NEWSLETTER EDITOR

Barry Endicott

ASSISTANT EDITORS

Ron Heesen

Neil Acton

EDITOR'S COMMENT

I have enjoyed being the editor of "Green is Beautiful" over the past 3 years. I feel very strongly that the newsletter is a very important tool in communicating to our members and the public. Our newsletter is also a history book. Activities that have occurred in our association would be lost over the years if they were not recorded.

Our newsletter won one of the top ten best newsletters awards in Washington at the CGSAA Conference in February. This award is to everyone's credit. We have a very active and healthy association made up of individuals who are dedicated to their jobs as turf managers. It is so important we forward information to our new editor so we can continue to be recognized internationally.

Neil Acton comes to the board with enthusiasm. As editor, Neil will be bringing with him new ideas to the newsletter.

I would like to thank all individuals who helped with the newsletter and I know Neil is hoping that they continue feeding him information which is so vital in the success of "Green is Beautiful".

Barry Endicott

PRESIDENT'S MESSAGE

I am very honored to be your president this year. I hope I can maintain the high standards of my predecessor.

This is the time of year when we can relax and take our holidays, however, most of us also use this time to attend seminars, conferences or other functions where we can learn a little more about our profession. We can also update our immediate and long range plans.

Nature has given us quite a winter this year. I know my course is covered with 4 inches of ice and 2 or 3 feet of snow. All of this on top of unfrozen ground. I don't think any of us can be sure how things will come out this spring, but I have tried to prepare myself and my club for the worst by informing the directors of the situation. I guess the message that I am trying to get across is that we have to keep looking for knowledge and improve our communication skills.

I wish all our members a successful year for 1985.

Hugh Kirkpatrick

NEW DIRECTOR



Neil Acton

Neil started working on golf courses at the age of 12 at Borden Golf Clubs performing all forms of labour both on the course as well as the pro shop and club house. After graduating from Niagara College, Department of Horticulture, he was employed as an assistant superintendent by Bernie MacDonald at his Green Acres Golf Center. He spent 7 years at Green Acres prior to moving to Brooklea Golf and Country Club in 1980. He attended the Winter Short Course at the University of Guelph in 1974 and attained certification status in 1984. His wife, Janet, is an X-ray Technologist and two sons, aged 4 and 1, are frequent visitors to the course.

Neil is taking over as newsletter editor of our association's newsletter "Green Is Beautiful".

NEW MEMBERS

Brian McCann

— Allandale Golf Club Class A

David Lauterbach

— Jim Morrison Ltd. Class E

David Barnes

— St. Clair Parkway Golf Course Class B

Mike Post

— Strathroy Golf Club Class B

Wayne Studds

— Llewellyn Security Class E

David Sshnelefski

— Merry Hill Golf Club Class F

Don McFaul

— Glen Abbey Golf Club Class A

WIND/BAROMETER TABLE

Barometer (Reduced to Sea Level)	Wind Direction	Character of Weather Indicated
30.00 to 30.20, and steady	westerly	Fair, with slight changes in temperature, for one to two days.
30.00 to 30.20, and rising rapidly	westerly	Fair, followed within two days by warmer and rain.
30.00 to 30.20, and falling rapidly	south to east	Warmer, and rain within 24 hours.
30.20, or above, and falling rapidly	south to east	Warmer, and rain within 36 hours.
30.20, or above, and falling rapidly	west to north	Cold and clear, quickly followed by warmer and rain.
30.20, or above, and steady	variable	No early change.
30.00, or below, and falling slowly	south to east	Rain within 18 hours that will continue a day or two.
30.00, or below, and falling rapidly	southeast to northeast	Rain, with high wind, followed within two days by clearing, colder.
30.00, or below, and rising	south to west	Clearing and colder within 12 hours.
29.80, or below, and falling rapidly	southeast to northeast	Severe storm of wind and rain imminent. In winter, snow or cold wave within 24 hours.
29.80, or below, and falling rapidly	east to north	Severe northeast gales and heavy rain or snow, followed in winter by cold wave.
29.80, or below, and rising rapidly	going to west	Clearing and colder.

Note: A barometer should be adjusted to show equivalent sea level pressure for the altitude at which it is to be used. A change of 100 feet in elevation will cause a decrease of 1/10th inch in the reading.

WEATHER IN REVIEW



Average Daily Low Temperature
Average Daily High Temperature
Mean Temperature
Normal Temperature
Precipitation

	Oct.	Nov.	Dec.	Jan.
Average Daily Low Temperature	5.8°C	-1.3°C	-3.7°C	-11.4°C
Average Daily High Temperature	15.3°C	7.5°C	3.8°C	-4.5°C
Mean Temperature	10.6°C	3.1°C	0°C	-8°C
Normal Temperature	9.0°C	3.4°C	-3.4°C	-6.9°C
Precipitation	Rain 30 mm	61 mm	13 mm	34 cm
	Snow		1.8 cm	

Environment Canada
Toronto International Airport

GEORGIAN BAY SUPERINTENDENTS ASSOCIATION 1985 SCHEDULE

- May 15 Deerhurst Inn and Country Club
Host: Ed Farnsworth
Tee-off: 11 a.m.
Rooms: \$50 (regular \$110 and up) any occupancy (single, couple, triple, etc.)
Dinner Show: \$43 per person
ADVANCE REGISTRATION ONLY
** Bring your wives or girlfriends **
-
- June 4 Borden Golf and Curling Club
Host: Ray Richards
Tee-off: 11 a.m.
Entry fee: \$12.00, dinner included
Guest Speaker: TBA
-
- July 9 Royal Downs Golf Club
Host: Stewart Picken
Tee-off: 11 a.m.
Entry fee: \$12.00, dinner included
Guest Speaker: TBA
-
- July 23 Horseshoe Valley Resort
Host: John Hughes
Tee-off: 11 a.m.
Entry fee: \$12.00, dinner included
Guest Speaker: TBA
-
- Aug. 6 Barrie Golf and Country Club
Host: Ed Doda
Tee-off: 11 a.m.
Entry fee: \$12.00, dinner included
Guest Speaker: Keith Nisbit
-
- Sept. 4 and 5 **GBSA Two Dayer — GBSA Wind-up**
Wednesday 4th - Brooklea Golf and CC
- tee-off: 1 p.m.
- dinner: 6 p.m.
Thursday 5th - Midland Golf Club
- tee-off: 9 a.m.
- dinner: 4 p.m.
Hosts: Neil Acton and Alex LaBelle
Guest Speakers: Al Draper CGCS (Brooklea)
Bob Heron CGCS (Midland)
Rooms: \$34 double
Entry fee: \$25, 2 dinners included

For additional information, contact Neil Acton at the following numbers: (705) 549-2323 (home)
(705) 526-7532 or 526-9872 (business)

ON THE MOVE

Paul Scenna is the new superintendent at Burlington Golf and Country, Club leaving the Galt Country Club.

Bruce Burger is leaving Dalewood and replacing Paul as Superintendent at Galt C.C.

Tim Sherlock has moved to Cornwall Golf and Country Club from Caledon G.C. (formerly Chinguacousy) where he was the assistant.

Greg O'Heron has moved to Markland Wood Country Club from Board of Trade Country Club where he was the assistant.

Steve Miller and Randy Price are starting new careers in their own landscaping business. ♪

All the best, guys.

JACKIE DERMOTT

At the end of November, Jackie retired as secretary of the Ontario Golf Superintendents Association. When she accepted this "hobby" the association was quite small and the work load was modest, which was good because she also had 4 children to raise. Now the Association is 3 or 4 times larger, the job has turned into nearly a full time job, her kids are growing up and Jackie would like to have some time to herself. All members of the OGSA are truly grateful for the services that you have provided us with over the years and we hope you enjoy your new lifestyle. ♪

Thanks Jackie

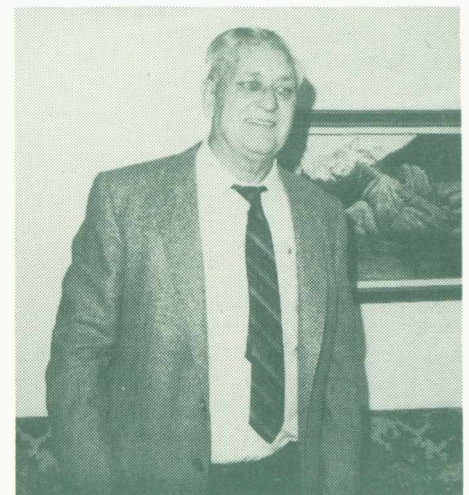
CINDI CHARTERS

Cindi has been hired as secretary of the OSGA which she has been doing since early December. Cindi brings with her experience in office and banking duties. Cindi is married to Thom Charters of Islington G.C. and they have two children.

Welcome Cindy



Al Draper presenting a plaque to Jackie Dermott at the Annual Meeting of the OGSA in December 1984 for the outstanding service that she has given the association over the years.



Ab Reeve, a charter member of the CGSA, retired in November 1982 after 20 years as superintendent at the Whitevale Golf Club, but continued to work on a golf course, continued working at the Seaton Golf Club, until his unexpected passing on December 3, 1984.

DISEASE IDENTIFICATION AND CONTROL

Islington Golf Club - October 25 and 26, 1984

by Neil Acton

The Disease Identification and Control Seminar jointly sponsored by the OGSA and the GCSAA was attended by 52 superintendents, assistants, sales representatives and landscapers. The very capable instructors were Dr. Couch from the Department of Plant Pathology and Physiology, Virginia Polytechnic Institute and State Univ. and Dr. Philip Larsen from Ohio State University.

Thom Charters and Islington Golf Club were kind enough to offer their clubhouse for the seminar for October 25 and 26. The weather was quite mild so golf privileges were extended to all who wished to tackle the fine Stan Thompson designed course following the session.

GCSAA Education Coordinator, Colleen Pederson, was on hand from Kansas to ensure smooth proceedings and proved equal to the task. There was some confusion with regard to the actual fee (American-Canadian funds), but Colleen managed to straighten everything up.

I took this same seminar two years prior and still found the subject matter informative and very current. Of particular value were the questions and answers as well as the discussions which took place. All material covered pertained to our region and concerned diseases we deal with now (or may at any time). The instructors were very expert, both in their knowledge as well as the way they handled the lessons. It was nice to see they had done advance work through Dr. Lee Burpee to familiarize themselves with the chemicals licenced in Canada and the most prevalent diseases.

Dr. Couch's work with spray systems to ensure maximum efficiency is timely considering the expense of fungicides and vigor of present day diseases. Dr. Larsen is doing research involving the injection of fungicides into irrigation systems as well as the development of disease predictors for turf using machines presently used in other crop productions.

The response was so great to the seminar, both associations have agreed to co-sponsor another seminar November 7 and 8, 1985. The title is presently Golf Course Design and Construction.

Those in attendance were as follows:

Rob Abbot, CGCS

Bogie Lake Golf Club (USA)

Neil Acton, CGCS

Brooklea Golf & CC

Lamont Anderson

Erie Shores Golf & CC

Alan Beeney

North Halton Golf & CC

John Bennet

London Hung & CC

Steve Blevens

Rolling Hills CC

William Bowen

Peterborough Golf & CC

James H. Boyce

Boyce Agro Consulting Ltd.

Thom Charters

Islington Golf Club

Robert Cherry

Cherry Downs Country Club

John Cowie

Thames Valley Golf & CC

Scott Dodson

Chedoke Golf Course

Al Draper, CGCS

Green Hills CC

William R. Fach

Essex Golf & CC

Ed Farnsworth

Deerhurst Inn & CC

John Gall

Sault Ste. Marie Golf Club

David W. Gourlay

Ladies Golf Club of Toronto

David Gourlay, Jr.

Thornhill Country Club

Mark Hagen

Wyldewood Golf & CC

Lorna Austin

Westview Golf Club Ltd.

Kim Hanley

Blue Mountain Golf Club

Bob Heron, CGCS

Mississauga Golf & CC

Hugh Kirkpatrick

Westmount Golf Club

Brian McCann

Allandale G.C.

Dennis McCracken

McCracken Golf Supplies, Inc.

Ken Siems

Mississauga Golf & CC

Dan McNeil

Green Hills Golf & CC

Bernie Martin

Hamilton Golf & CC

Doug Meyer, CGCS

Cedarbrook Golf & CC

Stuart G. Mills, CGCS

Hamilton Golf & CC

Alan Mills

South Muskoka G.C.

Tom Murphy

Lambton Golf & CC

Gordon Nimmo

Sarnia Golf & Curling Club

Colin Nisbet

Westview Golf Club

D.R. Pellrene

Scarboro Golf & CC

Alan Pinsonneault

Al's Lawn Care

Robert Pontius

Franklin Hills CC (USA)

Robert Reid

Thunder Bay CC

J. Douglas Rothwell

Royal Ottawa Golf Club

Kimmo Salonen

York Downs Golf & CC

Frederick Serrao

Glen Cedars Golf Club

William E. Shea

Muskoka Lakes Golf & CC

David C. Smith

Muskoka Lakes Golf & CC

Al Stoyles

Fanshawe Golf Club

Roy Szyndlar

Southgate Golf Club

Bill Thompson

Hamilton Golf & CC

Rod Trainor

St. Thomas Golf & CC

Warren Vout

Whitevale Golf Club

Paul White

Lambton Golf & CC

Teri Yamada

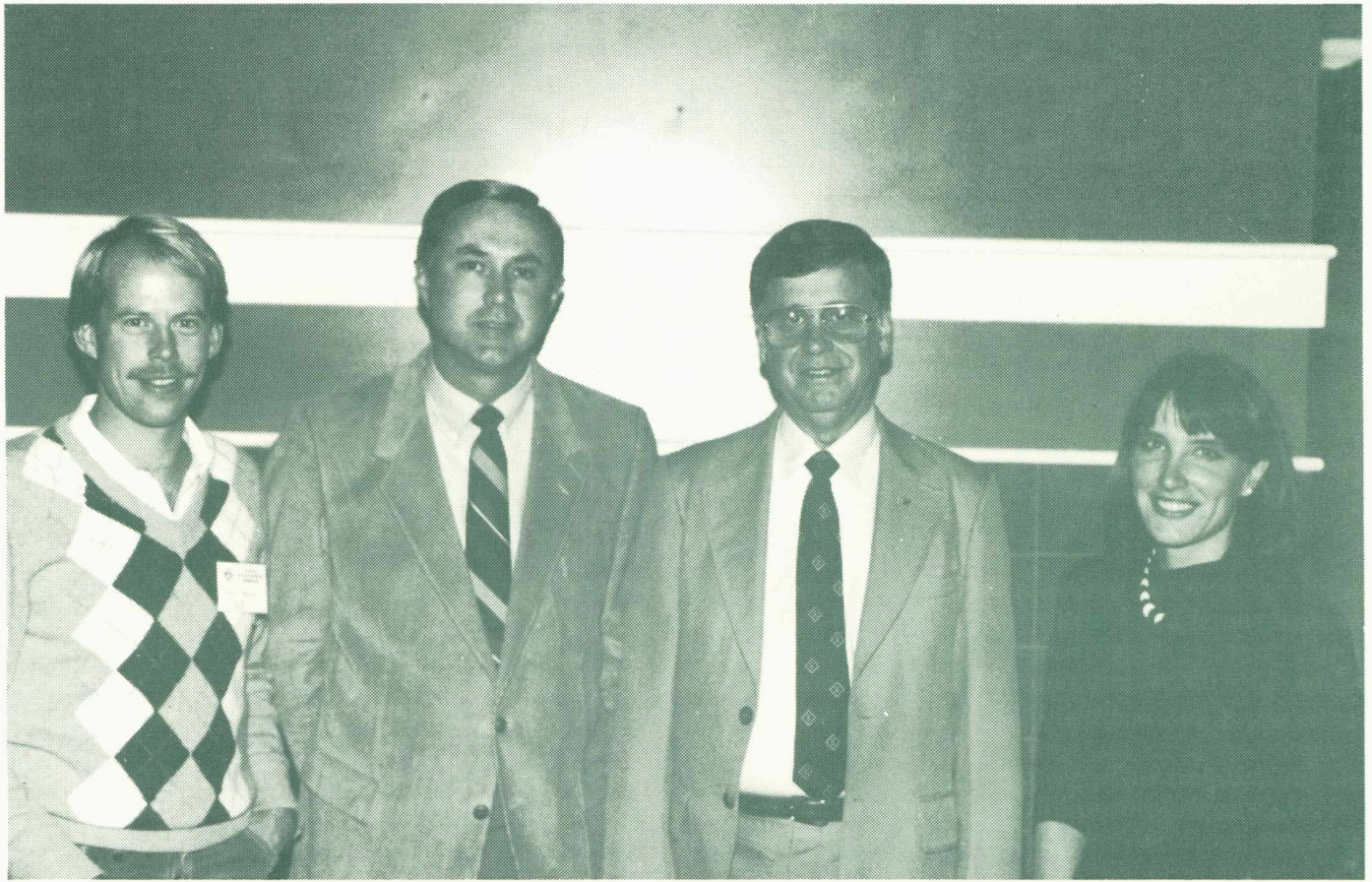
Nutrite, Inc.

Gavin W. Kellogg

Brian's Golf & CC

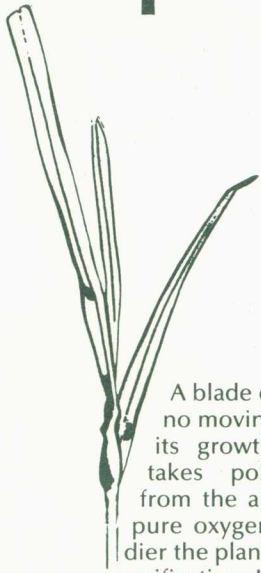
John Hughes

Horseshoe Valley Resort



Thom Charters, Dr. Larsen, Dr. Couch, Colleen Pederson

The Respirator



A blade of grass. It has no moving parts. Yet in its growth process, it takes polluting gases from the air and returns pure oxygen. ■ The sturdier the plant the more the purification. In fact, actively growing grass on a plot 25 feet square releases enough oxygen to sustain life day after day for a grown person.

PROFESSIONAL ETHICS

by Neil Acton

The winter months traditionally result in a lot of job movement as positions become available more frequently at this time of the year. At a time that we are striving to attain recognition as a Professional Organization, it is of the utmost importance to pursue any positions with the highest degree of integrity and professionalism. The correct procedures to follow are spelled out in our code of ethics which can be found in our OGSA Directory. Since some of you may not have it handy, I'll take this opportunity to mention the ethics you should follow when considering another position.

1. Seek counsel of local associations when applying for a position in a new district.
2. Recommend only OGSA members.

3. Ascertain the wage scale in the district in which you are seeking employment; then uphold that scale.
4. Be sure the position of Golf Course Superintendent is open at a club before making application.
5. If possible, *talk with the man who last held or now holds the position of Golf Course Superintendent.*

I realize it may be awkward to approach a superintendent who is vacating his position, yet it is offensive not to do so. Two superintendents who recently moved on to self-employment informed me that they were contacted by fewer than 10-20% of the applicants. They were both quite upset by the lack of correct ethics displayed, not so much on a personal level, but how this reflected on our profession. So remember to conduct yourself in a manner which is totally above reproach as your actions (or lack of action) affects not only your personal situation but the reputation of all Professional Golf Course Superintendents. ♪

Fifteen Years Ago Today

The following were elected to the Board of Directors at the annual meeting: John Grightmire (president); John Arends (vice-president); Bill Hynde; Helmut Kopp; Bob Heron (treasurer); Ron Allen; Bob Lamb; Bernie MacDonald; Ross Haines; Jim Whillie; Frank Dunn; and Allen Jones (past president).

Meetings were held at Tam O'Shanter, Carl Sellers and the IBM Country Club, Reg Stannard. 60 people attended the Galf Field Day with Dr. Eggens and Dr. Switzer speaking on their projects at the turf plots. 40 golfers teed off with Bill Hynde, 74 gross, and Bill Bond, 75 gross, leading the pack. The Greens Chairman-Superintendent Golf Day was held on July 23 at the Aurora Highlands with 100 participants. Winners were: low gross, Doug and Keith Nesbit; and low net, Dave Gourlay and Frank Russell.

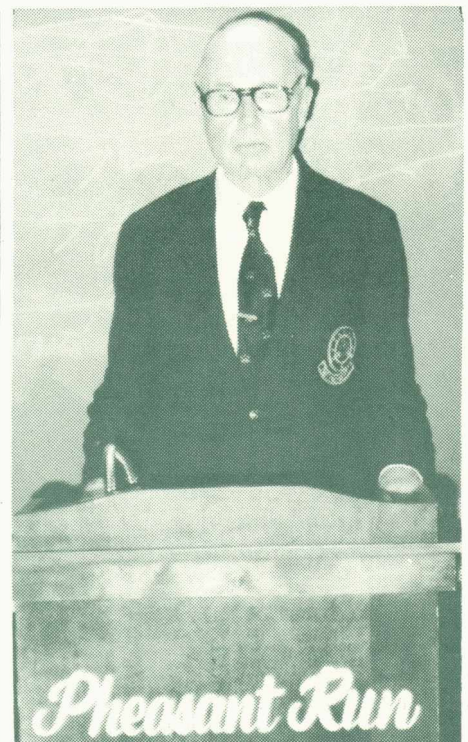
New Members were M. Shymanski, W. Shea, T. Ralph, Clare Witton and Carl Bennet.

Members on the move were John Grightmire to Rosedale from Beverley GC, Roy French from Lookout Point to Beverley.

25 turf managers completed the first winter short course in Turf Management at the University of Guelph. They were Paul Scenna, Waterloo Golf Club; Weston Kastes, Dundee; Courtney Abblett, assist., Pine Valley; Doug Suter, Credit Valley; Ed Charman, Toronto Ladies; David Stevens, Beaverbrook; John Arends, Hawthorne Valley; Paul Weidmark, assist., IBM; Dave Gourlay, Thornhill; Keith Brown, Glen Lawrence; Ian McBean, St. Clair Comm.; Al Beeney, North Halton; Charles Behm, Cherry Ridgeway; Barry McIntosh, Cederbra; Frank Watts, Case Van Wees; Gord Witteveen, Northwood; Wm. Lantz, Guelph; Stew Mills, Glendale; R. Parkinson and Ron Weir, Pine Valley.

The 61st Canadian Open was held at the London Hunt and Morley Findlay was the Superintendent.

Fire strikes twice at the maintenance building in a period of less than 1 week. It was suspected that a fire bug was responsible and ironically the members at York Downs were to vacate the premises by the end of October and move their new 27 hole course near Unionville. Norman MacDonald was the Superintendent.



Mr. Cornish, the eminent Golf Course Architect in Canada and the U.S. will conduct a seminar, together with his colleague Bob Graves from California. The date is November 7 & 8 at Lambton Golf Club and the subject is "Fundamentals of Golf Course Architecture". Only 60 participants will be allowed to enroll so please reserve early by contacting the OGSA office. Gord Witteveen attended this seminar in Chicago in late November and recommends it highly as being first class.



At the William Sanson Day last November, Kimmo Salonen passed a hat around and collected \$150.00 for the Ethiopian Relief Fund.

CGSAA International Golf Course Conference and Show February 5 - 13, Washington, D.C.

The CGSAA 56th International Golf Course Conference and Show was in many people's minds a great success. The total attendance was in the neighbourhood of eight thousand people and as usual the organizers had anticipated virtually every eventuality. The seminar sessions were enhanced this year at the request of the membership. An enrollment of eight hundred bore testament to the hunger for knowledge that is characteristic of the professionals in our industry.

The exhibits covered the largest square footage of floor space yet. Many new pieces of equipment were introduced as well as innovative changes on existing models. No doubt after we've had a chance to digest what we have seen in Washington, Winnipeg will offer us the opportunity to examine things again, with fresh questions in our minds.

Canada was well represented, particularly by the OGSA. No less than five of our members were involved in the conference. During the opening ceremonies, Barry Endicott received an award for producing the newsletter "Green is Beautiful". It

was judged one of the ten best in North America. Mr. Al Draper, CGCS, chaired the session on International Golf Course Management. This session opened the eyes of many of us as to the practices followed in foreign countries where the attitudes of the golfers and governments are very different to our own. Blake McMaster, Vice President of the CGSA, spoke on the outlook of golf in Canada touching on the history and the future in each of the provinces. Apparently golf is alive and flourishing north of the 49th parallel. Ron Heesen gave us an insight into some of the agony and ecstasy of starting a new job and Neil Acton, CGCS, showed us how resourceful superintendents can be when they have to produce quality golf courses on what is far from an ideal budget. The conference was attended by no fewer than fifty of the Ontario Golf Superintendents Association. We can be proud of the fact that these people are dedicated to the strengthening through knowledge of our profession. Once golf courses realize the great benefits that they can derive from these conferences, then financing the superin-

tendent's attendance will become a part of any responsible golf course's budget. I am sure that in the future the number of Canadian badges will speak of our determination to produce better quality golf courses.

The wealth of information was not limited to the words and texts that were available. The value of personal contacts and exchanges of view points with men such as Dr. James Beard, Dr. Paul Rieke and St. Andrews Superintendent, Walter Woods, to name just a few was immeasurable.

I know that I gained much from this conference and it will stand as a measure for future conferences to meet. ♪

Alex La Belle



"ME"

You had better take good care of me. Perhaps you don't think much of me at times, but if you were to waken some morning and realize that you did not have me, you would start the day with an uneasy feeling.

From me you get food, clothing, shelter and such luxuries as you can enjoy. If you want me badly enough, I will get you a 12 cylinder automobile and a home on Park Avenue.

But I am exacting . . .

I am a jealous mistress; yet sometimes you hardly seem to notice me at all. In fact, you make slighting remarks about me at times and neglect me.

Considering the fact that you need me, not only for the material things of life but the spiritual as well, I wonder that you neglect me as you do.

Your happiness would flee, for a time at least, your friends would worry and your bank account would dwindle.

So, after all, I'm pretty important to you.

Cherish me, take good care of me, and I promise that I will take good care of you.

I AM YOUR JOB.

From *A Patch of Green* November, 1984.

ONTARIO TURFGRASS RESEARCH FOUNDATION

December 4, 1984

PRESIDENT'S REPORT

It seems like only a short while since we had our last Annual Meeting at North Halton Golf Club. However, we must be another year older and, hopefully, another year wiser as another Annual Meeting is now in progress.

I would like to thank Mark Hagen, our host at Wildwood Golf Club, for the use of their facilities. Also, a special thanks to the Ontario Golf Superintendents' Association who have allowed us to share this day, who have given us moral and financial support when needed, as well as providing the impetus and origin of our very existence.

And to you, the members and supporters of O.T.R.F. activities, a wholehearted "Thank you". In fact, I think we owe a round of applause. Your support contributes to, and will ensure, a strong healthy industry from which we as individuals derive our income, in addition to a great deal of enjoyment. Superior turf grass awards must always be our objective as we strive to provide the best possible turf grass for those people who use and enjoy our product.

In viewing the financial statements of the Foundation, you will have noticed that our administrative costs have been held to a minimum. The Board of Directors has maintained a strong commitment to direct the maximum amount of income possible to the worthy task of Turfgrass Research. In fact, the Board members are out of pocket each time they attend or host a director's meeting.

I would be remiss, while mentioning the Board's thriftiness, if I did not mention our Professional Advisers, namely, the firm of Price Waterhouse, our accountants, whose fee has been absorbed by G.C. Duke Equipment Ltd., at no cost to the Foundation.

Thank you, Richard Duke.

Thanks also to our legal counsel, Roebuck & Walkinshaw, Barristers & Solicitors. Mr. Don Walkinshaw has donated his services to the Foundation at not cost.

Thanks Mr. Walkinshaw.

I would like to thank Barry Britton, Art Drysdale and Paul White who are retiring from our Board. Their efforts on our behalf have been commendable. However, these fine gentlemen have indicated their willingness to serve as advisers to the Foundation and assist where possible.

At this time, I would like to welcome the new members of the Board — Bob Brewster, Al Draper and Des Rice — as well as welcoming back the returning directors, G. Williams, Ron Heeson and Richard Duke. The Foundation will be much the better for their efforts and involvement.

To those people who contribute so generously to our largest fund raising event each year, the golf tournament — *Thank you.*

And without supporters such as Gil Bleckman and Ken Wright of the National who have generously provided their outstanding golf course for this event, where would we be?

The University of Guelph is to be congratulated again for their co-operation on the turf research projects. I am sure you have noticed an improvement in the quality of the turf plots each year.

Our advisers have provided invaluable advice and direction to our activities — Keith Nisbet, Rolley Barnsley, Steve Miller, Des Rice, John Wright, Lee Burpee and Krys Vandermay, we are indebted to you and hope you will continue to serve us. The O.G.A. have been a very positive force as their generous support is very much appreciated.

The Industry suppliers have shown their commitment to our activities also by their generous support and without

their assistance this event would not be the great success it is. I think we should show our appreciation to these people in the usual manner.

A few of the things you should be looking for in the coming year are:

1. Tournament date at the National is scheduled for August 12th.
2. Production of a video to portray the Foundation objectives and goals.
3. Increased liaison with O.M.A.F. and the possible appointment of an extension specialist, etc.
4. The formation of a Turfgrass Research Institute at the University of Guelph.
5. The initiation of a Turfgrass Field Day at the Turfgrass Research plots during September.

As we look forward to the future, I know the industry will be much better for our efforts as we attempt to unite the industry behind the worthy cause of Turfgrass Research.

Thank you. ♪

Paul Dermott



The 1984 Turf Care Slow Pitch Tournament winners from Toronto Ladies Golf Club.

Turf Care Slow Pitch Tournament

The Third Annual Turf Care Slow Pitch Tournament in Thornhill climaxed a great year of Baseball with over 25 teams competing for the 12 tournament spots in the finals.

By the time the dust and the suds had cleared the Toronto Ladies team captained by John Stein with Dave Gourlay Jr., as water boy, captured the top spot with the Westview Club, managed by Mike Nesbit and captained by Bill Hammond, claimed the runner-up trophy.

Many thanks to all who helped John Cunningham from Meadow Brook, who

laid out wavy base lines, Dennis Pelirene from Scarborough, who donated barbecues, hamburgers and hot dogs for all. Music was provided by the Whirl Pool Club for all those within a mile to enjoy.

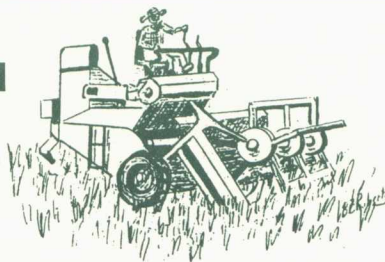
It is unfortunate that such powerful teams as Oakdale, Emeralds Hills, Turf Care, Donalds, Summit, Scarborough, Meadowbrook and others fell to the thundering bats of the victors.

The enthusiasm for the 1985 season has inspired many supers to add to their employment applications "Have you played Pro Baseball?"

For those interested in fielding a team for the 1985 season please contact Jack Austin or Ron Craig at Turf Care. ♪

TURF RESEARCH MOWING FAIRWAYS WITH GREENSMOWERS

J.L. Eggens, C.P.M. Wright, H. Arsenault,
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SUPERS PROFILE

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O.G.S.A. Symposium

Mr. Chairman, Learned Guest Ladies and
Gentlemen:

Here we are 1985, Jan. 8th. Do you remember what you were doing January 9th, 1963, 22 years ago? I was in a barn sorting out glass insulators, strap iron, 4 and 10 inch bolts from Douglas Fur cross bars. This collection had come from the roadside where Bell Canada had taken down multiple long distance lines.

Now you may think I've gotten myself out on a limb or I'm still dreaming; maybe I am in the wrong building.

What does this have to do with living trees, green grass, bugs, fungus, weeds or our job? Well, plenty if you're in a situation like mine, trying to run a Golf Course top to bottom.

I was being resourceful although not running the course then. I was making decisions on what to keep and what to throw away. If you've seen our work yard now you no doubt would say I lost the ability to decide, but we are still using the bolts and strap iron I sorted out 22 years ago. Unfortunately we are still correcting errors we made in constructing the Golf Course.

1963 was the start of building Newcastle Golf Course and these nuts and bolts were something to do in the winter time. I am still looking for something to keep a crew working through the winter.

When Dad and I plus a couple of school kids made up the crew, winter wasn't hard to figure out. Dad had other work in Toronto, the kids went back to school and I pumped furnace oil for a local company. This went on for about 10 years; then I started staying at the course doing much needed repairs. This worked out okay until Dad and Mother retired.

At this point I needed at least one or two people that would be there year after year — winter work — and it has to be something that is self-supporting, not just repairs, somethings that brings money in.

My wife Helen and I tried cross-country skiing, using the Pro Shop and selling hot chocolate and coffee and sandwiches. We charged two dollars a head and rented equipment which we in turn had rented for the season. The first year was okay, good snow, it came early in November and stayed until mid-March. We paid expenses and had nothing left over, we drew no wages from this venture. The next year we purchased the skiing equipment. The snow wasn't as good

The improved playing conditions resulting from closer mowing, reduced compaction and reduced scalping injury found when maintaining green surrounds and approach areas has prompted many superintendents to extend these playing conditions out into the fairway. Some superintendents are now mowing all fairways with smaller, lighter greensmower units. Considerable information is available on the economic aspects of this program but little is known of turfgrass stress tolerance under these reduced mowing heights. This study was initiated to evaluate the stress tolerance of fairway turf under 1.1 cm mowing height with clippings removed compared to standard fairway practices.

RESEARCH PROCEDURE

Research plots were located on #8 fairway at the Cutten Club Golf Course. Commencing 10 April, 1984, the plots were mowed every second day with a Toro pull-type gangmower with 9 blade reels at a 2 cm height of cut or a Toro Greensmaster III at a 1.1 cm height of cut. The baskets on the greensmower were removed so that both mowing units returned the clippings. Immediately after mowing clippings from half of all plots were removed with a power sweeper. Measurements over the growing season including healing potential, stress tolerance and resistance to ball roll.

RESULTS AND DISCUSSION

The higher height of cut had a greater healing potential (Table 1). At the 2.0 cm height of cut 77% of the divot injury was healed while at the 1.1 cm height of cut only 26% of the divot injury areas healed over the same period of time. The improved healing may be related to the greater carbohydrate production and storage at the 2 cm height of cut, resulting in a more rapid regrowth into the injured areas. Stress injury related to fertility was evaluated over the growing season. There were no differences observed between the two heights of cut.

Table 1. Influence of mowing height on divot healing and turf stress injury.

Mowing Height (cm)	Divot healing† (%)	Stress injury 5 July (%)
1.1	26	22
2.0	77	27

† The percent of the original divot which was healed during the period Aug. 16 to Sept. 19, 1984.

The color of the 1.1 cm mowed fairway did not have the deep dark green color normally associated with vigorous turf. Fertility trials were initiated 22 June to evaluate turf quality related to clipping removal. Four evaluation dates (4 Aug., 16 Aug., 17 Aug., and 26 Sept.) indicated that higher rates of nitrogen may be required on fairways mowed at 1.1 cm when clippings are removed (Table 2).

Table 2. The influence of higher fertility rates over the growing season on turf quality.

Fertility	Evaluation dates			
	4 Aug	16 Aug	17 Aug	26 Sept
	(Scale 1 - 10 with 10 highest)			
Control	5.5	7.0	7.0	9.3
Milorganite	8.3	7.5	8.8	9.8
Unfortified sewage sludge	7.0	8.5	8.3	9.5

Both June and Sept. measurements indicated that the lower height of cut resulted in smaller divots (Table 3). The lower height of cut had a higher shoot density allowing the golf ball to sit on the upper leaf blades and not within the turf plants. In the higher cut turf the golf club bites deeper into the turf, resulting in a larger divot.

Table 3. Influence of mowing height on size of divots removed.

Mowing height (cm)	Divot size	
	June, 1984	Sept., 1984
	(cm ²)	
2.0	56	31
	86	48

Under the 1.1 cm height of cut, the ball rolls almost twice as far as compared to the 2.0 cm height of cut (Table 4). With appropriate cultural practices such as adequate fertility and irrigation, the lower height of cut does improve turf quality without significantly decreasing the stress tolerance of the turf during the growing season.

Table 4. Stimpmeter-measured ball roll.

Mowing height (cm)	Ball roll
1.1	111
2.0	68

but we covered expenses, but not wages. The next year the snow covered the ground for about 10 days; the next year was even worse. The following year we sold the equipment. Moral — effort does not guarantee success, it does guarantee experience and wariness.

Here we are in the 1980's, the golf course is getting there, not by leaps and bounds, but getting there just the same. I can now identify about 10 trees, maybe 5 types of grass, sometimes the odd fungus and even a few weeds. On top of all that I almost know what to do once the item in view is identified.

What is happening in the winter time, you might ask; well, I built a saw mill as much for our own use as for doing custom milling. I tell you, if it is labour you want there is plenty in this enterprise. I suspect there is a little money in it too, what with the price of lumber, but that remains to be seen.

The problem of continuous employment for the main body of workers is a big one. It illustrates a difference between a superintendent at a large "member owned course" and a "small" owner-superintendent type course. Another difference in my case is I have never made up a budget. The allotment of money is on a day to day basis and what is left over gets spent the next year.

Golf Courses like our run very close to the line, if the weather was very bad some summer we would all be out looking for winter work.

I referred earlier to 'if you are in a situation like mine', well, you know, all of us whether we be a superintendent that maintains the golf links and nothing else right through to an owner/superintendent/manager. We are all faced with similar problems, an owner/superintendent just carries them around with him more. In my case and indeed the majority of golf courses are the same, where to spend money and effort is a never-ending question.

Do we spend it on the grounds, the buildings, the equipment, maybe hire more people or pay more to the ones we

have. In a family run course the wages are low, and that is because of the competition and the family members know they are part of the business. This has to be or only half the owner/operator courses would now be operating. I work for \$4.00 an hour six months of the year, and about \$8.00 an hour the other six. No one is going to fire me, but I could go hungry so it's the same thing.

How many of you over-paid, under-worked rich people have finished a day at the golf course, sent the crew home, and wandered up to the pro shop or club house for a leisurely coffee. You sit down and then your conscience starts to remind you of all the work that needs to be done.

If your conscience takes a holiday, there is always someone willing to play the part. All golf courses are the same in that there is a never-ending demand on our time, energy and ingenuity.

It is nice to be in demand and the challenge brings out the best in people; I just wish there was more time to sit and think.

My day starts around 7:00 through the week and about 6:00 on the weekends. Helen, my wife and I go down to the golf course, put on the coffee, open up the buildings and get the electric carts out. We have something for breakfast and then the workers start coming in. I usually spend the day out on the course unless we are short of workers in the pro shop. After supper I can usually get in a couple of hours doing oddball jobs or working on ideas without having to keep the crew busy. To me this is the best time of the day. Then it is back to the pro shop to put carts away and close up and chat to some of the last players.

If I need to irrigate then I will have to set up the manual system before dark. Then I move the sprinklers every 2 to 2½ hours; it takes until the next light to do all the greens and tees.

The same as on any low budget course, if there is a breakdown in the equipment, you have to fix it right then and there, simply because there are no back-up units; it is a nerve-wracking way of doing

it. Once we were without a greens mower for 4 days; we managed to get a walk behind Jack running Saturday night and I cut 19 greens Sunday morning. I thought I was going to have a heart attack!

Generally the same problems plague us all; also we enjoy the same highs from our work. That to my mind is the strongest selling point of this and other associations like it, get together, kick the problems around and don't forget to tell about the solutions.

Here's a little tidbit about winter cover for greens. At present we are using "Re-May" spun polyester made by Dupont. The 14th green gets wind blown or desiccated so this year we covered it with Re-May in late November; a week later we covered part of the 3rd green, same problem plus this green was just rebuilt. The sod barely nitted down.

Well that's fine except the cover on the 3rd green blew out a few days before Christmas. The cover on the 14th is still fine. I have come to the conclusion that since the ground was frost free on the 14th and there was about 1" of frost when we put the cover on the 3rd, plus the sods may have been loose. That the wire staples made holes bigger than usual when pushed through the frost and therefore were loose near the surface. When the mild spell and high winds came, the flapping cloth worked the staples out.

My conclusion is that staples put on 14" to 16" spacings work fine if put in tight in frost free ground. The sods may have contributed to the loose surface after the melt — next year I will find out.

That's all I have to say and as far as playing with the whole ball of wax. In my mind it comes down to the same thing, keeping one step ahead of a payment, a fungus or a creepy crawling critter, stay on top, use your ingenuity and imagination, and you can be sure of one thing: when you pick up your pay you'll know you're not cheating.

Thank you.?

Tom Simpson

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April 10

&

OGSA/WOGSA Joint Meeting

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May 16



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