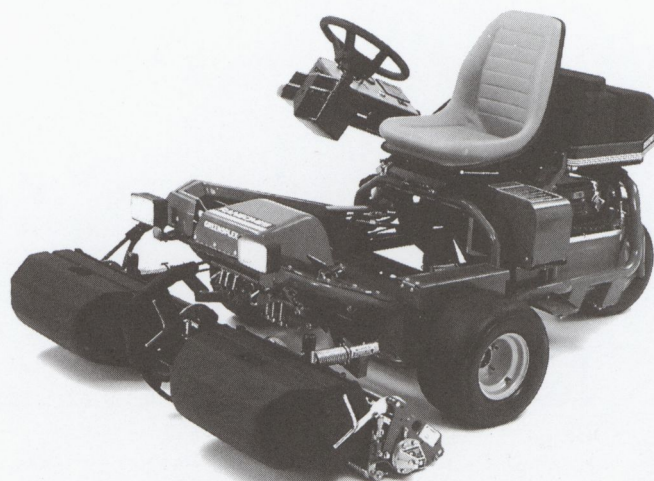


Green is Beautiful

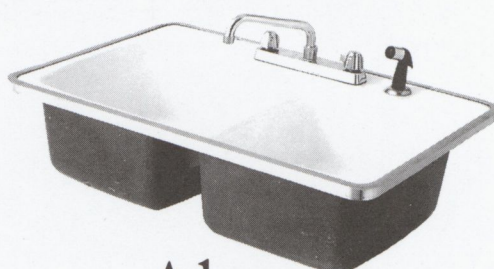
OFFICIAL PUBLICATION OF THE ONTARIO GOLF SUPERINTENDENTS ASSOCIATION



May Edition 1995



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May Edition 1995

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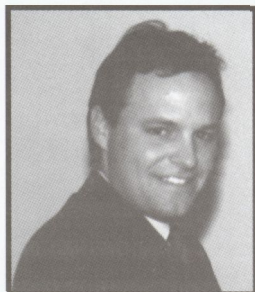
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President's Report

Greetings:



Warm weather is here and the grass is growing; now if the rain would just stop.

Monday April 24th was a beautiful sunny spring day in Michigan for those who participated in the annual O.G.S.A. border cities Golf Day. Unfortunately our spring Ontario representation couldn't hold on to the Can/Am Challenge Cup, but some of the guys fared

better in the casino than the golf course anyway. Please remember the date change for the Pro/Superintendent Tournament which is on Tuesday June 13th at Monterra. Watch for your notice soon.

Membership rosters are now out. Please notify the office immediately if any of your information is incorrect. Please note one change in the bylaw section under the description of a Class F Member. Class F Members are required to hold a Class 1 and 3 pesticide license.

John Taylor

PRESIDENT, O.G.S.A.

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Cover: Monterra Golf Club George Weider and Ron Heesen



MONTERRA: SITE OF THE 1995 PRO/SUPER TOURNAMENT

THE COURSE...



Monterra #9 "Old Tom"

Thomas McBroom designed Monterra as a par 72 with a length of 6,581 yards from the blue tees. Since it was opened in 1989, it has attracted rave reviews. In 1990, *Score* magazine ranked it among the top ten resort courses in Canada, and in later reviews among the top 50 golf courses in the country — in company with Glen Abbey, The National and other renowned courses in Canada. Noted golf authority Arthur James wrote this of Monterra the course: "The Ski Slopes serve as a backdrop for a green surrounded by mounding like meringue on a lemon pie." In reviewing the course soon after its opening, James added, "This course will certainly rate as one



Monterra #11 "Hymalaya"

of the great golf challenges in Canada."

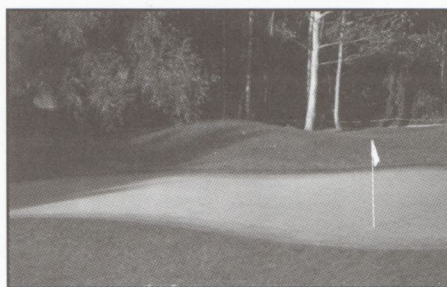
The opening of the Monterra golf course in July of 1989 marked the fulfilment of one man's dream of a four-seasons resort at Blue Mountain. That man was Jozo Weider, who nearly 50 years earlier had started the Blue Mountain Resort, which was regarded as providing the finest downhill skiing facilities in Ontario.

Jozo had been a mountain guide, photographer, ski instructor and innkeeper in his native Czechoslovakia before WWII. He immigrated to Canada in 1939. While he did not achieve this during his lifetime, his project was completed by his family during the 1980's. The new course needed a name. The logical choice would have been Blue Mountain but the name had already been taken by the Blue Mountain Golf and Country Club. Another possibility was Craighleith, which was the historic name for the farming community at the foot of Blue Mountain. George Weider finally went to an unlikely source: his old high school textbooks! Reaching back to four years of latin he came up with MONS for mountain and TERRA for land resulting in Monterra.

THE SUPERINTENDENT...

Ron Hessen is the Director of Golf and Tennis at Monterra. Born in Toronto, Ron was finishing high school in Brampton when a friend told him of a job at the Board of Trade. After that summer he decided to attend the University of Guelph where he studied golf course management, turfgrass management, course building and horticulture to name a few of the required fields of study. After graduation he was appointed Assistant superintendent at the Board of Trade.

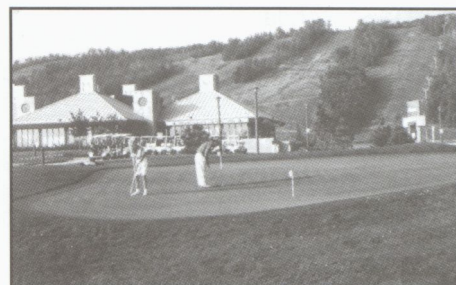
In 1983 Ron became the Superintendent of the Beach Grove Golf Club in Windsor. In 1988 he applied and was hired to work with



Monterra #12 "Dune"

Tom McBroom as construction superintendent at Monterra.

Ron, who has an 11 handicap and plays Monterra usually once a week, lives in Collingwood with his



Monterra Pro Shop

wife Adrienne of 11 years, and their children Erika and Fiona. He is obviously proud of Monterra, loves his job and hopes to finish his working career at Monterra.

THE PRO...

Gary Slater has become Monterra's first fulltime head Pro. A long time CPGA member with 30 years golfing experience in Canada, the USA and around the world, Gary comes to Monterra from Mad River. Prior to that he spent two years at Horseshoe Resort as Director of Golf; seven years as Director of Golf Operations and Golf Marketing for Princess Hotels International, and Director of Golf at the Princess Resort in the Bahamas. He spent five seasons as the Head Pro at Bayview, a year as Head Pro at a course in Corfu, Greece; and several years as an Assistant Pro at several other Ontario courses. Gary was born in the clubhouse of a course in Huntsville where his father was the Greenskeeper. The Weider-Heesen-Slater team are waiting to greet you at Monterra to extend their hospitality.

By now you should have received the application forms for the tournament. Please plan to attend.

This article was adapted by Alex La Belle from Pete Chapman's articles in the newspaper, "Bay Area Golfing".

The Lighter Side of Golf

By Eric Williamson

I attended a social gathering with friends a few weeks ago and to my pleasant surprise found myself being introduced to a very attractive friend of a friend. We began to make a little small talk as our mutual friend excused himself and left us alone to chat. Naturally, it was not long before we came to the proverbial question: "What do you do?"

I explained proudly that I was the Assistant Golf Course Superintendent at a golf club in Markham. Before I could ask her the same question, she asked with obvious perplexity which club I worked at. At this point I became aware that the conversation was entering dangerous territory. While I took a few seconds to respond and explain where the course is located, I was watching her and I felt I could read her mind. What in the world is an Assistant Golf Course Superintendent and what do they do? She finally blurted out the question.

I pondered for what seemed like an eternity trying to size up the dilemma I faced; this was a person I wanted to continue to converse with, this was a person who was completely turf uneducated and this was a conversation that had about 30 seconds to live.

I wanted to tell her that under the supervision of the Superintendent and with his advisement I was responsible for the hiring and guidance of a greens' staff of about 20 people, and that we motivate this staff to maintain a very high level of workmanship. I wanted to say that my boss and I program and monitor a fully automatic and computerized irrigation system worth hundreds of thousands of dollars; that we develop and apply a fungicide and fertilizer program for about 50 acres of creeping bentgrass and countless more acres of bluegrass. I wanted to

mention that it was part of my job to ensure that the drainage of the golf course was adequate for electric golf carts to roam randomly over the property even after a substantial rainfall. I thought she should be aware that it is a competitive industry and that the pressure during the golf season can be very high and that turf can become stressed during a hot dry spell when there is much traffic on the course. I especially wanted her to know that the job involved a lot more than pushing a lawn mower, that we work year-round and that somehow we do manage to find things to do during the winter months.

However, I did not react well under pressure and only managed to come up with "I help the Superintendent maintain the golf course." She smiled weakly; still seemingly puzzled, and asked me where the washroom was.

Well easy come, easy go. A small price to pay for a career in a great industry.

Augusta National

by Neil Acton CGCS

During my lifetime, I had the personal goal to visit the Old Course in St. Andrews, Scotland and Augusta National in Augusta, Georgia. I have managed to play and/or visit the Old Course three times in the past and recently managed to fulfill the latter portion of this goal.

Deer Creek Golf and Country Estates acquired six passes for two practise rounds at this year's Masters tournament. Fortunately, Mr. Coughlan, the owner of Deer Creek invited me to join him on the trip. Passes for practise rounds this year were issued by a lottery with only a reported 40 - 50,000 passes being

issued to the 500,000 lottery entrants.

It should be noted that superintendents with GCSAA gold cards will be given complimentary admittance. This was confirmed by Paul White, who I met there, he had gained entrance with his gold card. As Paul will testify, neither photographs nor television does Augusta National justice. The course conditions are flawless - the flowering shrubs and trees stunning.

We were given a tour of the maintenance facility which was as impressive as the golf course and grounds. It resembles a small GM dealership. The administration area, which has offices for the superintendent, senior assistant, three assistants, horticulturalist and three secretaries, was itself larger than many maintenance buildings I've seen. The lunch/meeting room resembles a staging room for NASA with charts, graphs and sliding black boards. The staff swells from its' normal complement of 40 to close to 100 during Master's week.

The three mechanics work in a spotless environment using every modern mechanical convenience imaginable. I would estimate this area to be 6,000 to 7,000 square feet. There are separate buildings and rooms for woodworking, flag poles and cups, irrigation, pesticides, fertilizers, seeds etc. All of the machinery is either stored inside or under overhangs.

The fairways are mown with 15 medium weight Ransome 300's at 3/8". The rough is mown with 12 light weight Ransome 250's at 5/8 to 3/4". The greens are cut with Jacobsen Walkers at 1/8" - very frequently! The maintenance budget is a secret but the superintendent, Marsh Benson, has been known to describe it as larger than a bathtub yet smaller than a battleship.

The end of our visit arrived much too early. This trip is important for anyone in our profession.

CGSA Conference

By Paul White

This years' Canadian Conference got off to a good start. The keynote speaker was Alan Simmons who gave a great presentation highlighting the need for a positive attitude from our employees toward their work. Simmons gave many examples of



how different attitudes affect people and how we, as employers, can induce better attitudes in our employees. I have purchased a tape of the speech and it is mandatory listening for my staff. If you could not attend the conference, tapes of the speeches are available by calling Audio Archives at (416) 889-6555.

Joe Vargas gave a thorough dissertation about the perceived versus the actual dangers of products used in our profession. Many examples of common household products are far more dangerous. Marie Thorne of Green Cross presented their new video - "Pesticide Use on the Golf Course". A copy of this video was available to any



attendee who requested one at the Green Cross booth. I'm sure copies are still available.

The two panel discussions titled

The Role of the Golf Superintendent and CPGA, CGSA and RCGA, were



informative with plenty of audience interaction. Lorne Rubenstein gave one of his best presentations though attendance was disappointing. Social functions were again a strong feature of the conference. From the opening wine and cheese party to the closing banquet, the gatherings were entertaining and enjoyable. The companion's program was enthusiastically attended by more



children than usual because, presumably, it was our nations' capital. There is no end of museums and historical areas to visit. Helen, Melissa and I even found time to visit the former home of Sir Wilfred Laurier which has been beautifully maintained in its' original state.

Above all else, the outstanding feature of the week was the opportunity to network with fellow superintendents. Be sure to mark your calendars for next years' conference being held on March 2-5, 1996. Rumours have it, the conference will kick off with a golf tournament.

Michigan Border Cities Meeting

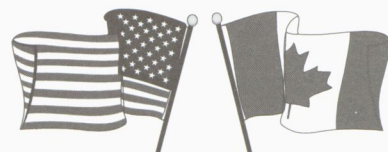
April 24, 1995 - By P. White

The Michigan and Border Cities Association rolled out the red carpet south of the border at the West Shore Golf and Country Club on Grosse Ile, an island suburb of Detroit where Jim Houston is the course Superintendent. Thanks to an RSVP attending supers and suppliers were teamed up (two Canadians and two Americans per foursome) to do battle for the Challenge Cup by almost a hundred participants.

In spite of abundant rains on the weekend, the playing areas of the course were playable thanks to a major drainage program carried out by Turf Drain a couple of years ago. Wall to wall cart paths also allowed the power carts to go out. The long par fours and small rolling greens proved a suitable challenge for the participants, especially those feeling a little rusty from the winter.

Supers from Toronto area were surprised to see that growth and leafing on the trees was not really that much farther ahead than our area but the thermometer hit sixty with a sunny day and minimal wind for our visit. The U.S. team softened us up with a soup and salad lunch then placated us with a choice of fish or steak dinner before announcing that John Taylor's concern about taking the trophy back across the border was unnecessary. That U.S. team had beaten us handily and they would bring it with them next spring.

After dinner, U. of M. researcher Ty Rogers described the research projects that they have underway. The most interesting to me was the new study of the effect of shade on grass growth. They are attempting to identify just how much light is required under different stress situations. Ty kept his remarks brief and we headed home at about eight thirty.



Noise Level Survey By Bruce Burger

At the Lake view Golf Course I have the opportunity to work with the Mississauga Parks Safety Committee because Lakeview is a division of the City Park's Department. I would like to take the time to pass on to you what I know regarding noise level safety. In these times of concern for safety in the work place it is important to be well informed.

A Realistic Sound Level Meter model #33-2050 was used by the Safety Committee to register noise levels (decibels). As shown in Chart 1, a variety of equipment was tested at idle and full throttle, PTO engaged and off.

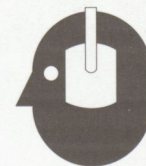
Chart 2 shows the duration in hours of sound level allowed for different noise levels. Please note that at sound levels of 115 decibels and higher a worker must wear hearing protection. All this information is taken from the Occupational Health and Safety Act - Regulation 851, Section 139.

The Safety Committee also tested Hearing protection. Three types of protection were tested ;ear plugs, head sets and Pelter H7 helmet mounted ear muffs. Occasionally information like this is hard to obtain. Scheduling for testing may also be difficult. I hope this information will be beneficial as I understand that many clubs are setting up their own safety committee.

CHART 1				CHART 2	
				Column 1	Column 2
SHOP EQUIPMENT	Idle	Full Throttle	PTO/Reels Engaged	Decibels	Duration/Day
Foley Grinder-Bedknife				90	8
Foley Grinder-Reel			102	92	6
Foley Grinder-Rotory		74	102	95	4
Foley Grinder-Vacuum			90	97	3
Stihl 020 Chainsaw	80	25		100	2
Shihl 026 Chainsaw	80	118		10	1.5
TRACTORS					
Cushman Truckster	72	90		105	1
Ford Diesel	85	101	102	10	0.5
Ford Diesel/Brower Vac	85	101	102	115	0.25
Ford 8N	94	97	97	115	0.0
TURF EQUIPMENT					
Stihl Blower		117			
Jac: Greensking	78	92	93		
Jac: Greensmower	78	90	90		
Jac: LF-100	92	94	94		
Jac: Tri-King	75	85	86		
Lawnboy 21" Rotory		91			
Honda Rototiller		84			
Ryan LA 20 Aerifier		90			
Brower Roller/Honda Eng.	82	94			
Ryan Sod Cutter		104			
Toro Sand Pro	86	92			
Toro 223-D	88	94	94		
Toro 3000	82	90	91		

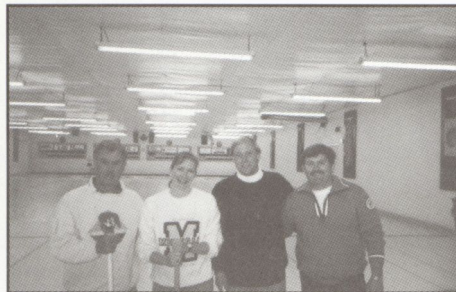
**SAFETY
FIRST**

CAUTION
HEARING PROTECTION
REQUIRED HERE



North Halton Curling Day-March 24, 1995

Jerry Richard



The North Halton Golf and Curling Club was the venue for the Annual OGSA Curling Day hosted by Al Beeney. This fun event, held on March 24, was attended by 18 industry people, disguised as curlers.

After a couple of 4-end games, the team of Nigel Rennie, Corrie Almack, Dean Cormack and Gary Sutherland emerged as the champions. Special thanks to Al

Beeney and his club for their hospitality and to Nigel Rennie for donating the prizes. Everyone had a great time.



Chairman's Forum a great success

*Robert Ackermann, President
Toronto Area Superintendents Society*

On Monday April 3, the Toronto Area Superintendents Society presented the 1st Annual Chairman's Forum at Oakdale Golf Club. This

unique event brought together superintendents, Greens Chairman, Presidents, and other club officials to participate in an Educational Forum. Over 50 people were in attendance for an afternoon dedicated to the discussion of major issues golf courses are facing today.

Doug Carrick gave a presentation on how a combination of sound architecture and maintenance can enhance the environment. John Santacrose of the New York Audubon Society highlighted the benefits of a Co-operative Sanctuary Program. A panel consisting of Mr. Robert Pezzack, Q.C., Mr. Ross Campbell of Burnside Environmental, and Mr. Doug Johnson of the I.A.P.A. provided incite into the topics of erosion control litigation, environmental compliance assessments, and workplace health and safety.

The event was well received by all who attended and plans are well underway to organize another top quality program for next year's Forum. The 1996 Chairman's Forum is already confirmed for March 18th at Oakdale Golf Club. We hope you plan to attend!

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Work to Death

From What The Odds Are by Les Krantz

For those toiling 9 to 5 the day may be just a deadly bore but for many work is just plain deadly. Automobile accidents account for the highest percentage of deaths among the work force. The following list represents the most common causes of death on the job and the proportions of those deaths.

Highway Vehicles	1 in 4
Heart attacks	1 in 9
Industrial Vehicles or Equipment	1 in 9
Falls	1 in 9
Electrocutions	1 in 10
Assaults	1 in 25
Struck by Objects	1 in 25
Explosions	1 in 25
Aircraft Crashes	1 in 33
Gas Inhalation	1 in 33
Plant Machinery Operations	1 in 50
Fires	1 in 100

Golfers and Pesticides

The previous issue of Green is Beautiful featured an article on page 14 regarding a poster (shown on the following page) about golfers and pesticides to be displayed in club houses and pro shops throughout Ontario. The impetus for this initiative stems from a meeting last fall with representatives of the Ministry of Environment and Energy. They had requested the meeting to discuss concerns that had been directed to the Minister's office regarding pesticide use on golf courses and golfer exposure.

It was a productive meeting, one in which your representatives, Bruce Burger, Thom Charters and Pam Charbonneau presented information relating to IPM practises, actual acreages that are treated with pesticides on most golf courses and our interest in acting proactively to address their concerns. The content of this poster is still in the draft stages and your input is welcome. It will ultimately be intended to be posted in locker rooms and pro shops of golf clubs across Ontario. Your input would be appreciated. If you do not have a copy of the last Green is Beautiful you can request a copy of the poster from the OGSA office. Please fax any suggestions to the OGSA at (519)-766-1704.

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GOLFERS & PESTICIDES...

What you should know!



It is the law in Ontario that signs must be posted 24 hours prior to pesticide applications on golf courses and remain in place for 48 hours after an application. The information contained on the front of the sign (see left) specifies the posting and applications dated and the phone number of the individual to be contacted for more information. The back of the sign details the product (s) being applied, the registration number (s) and the disease (s), insect (s) or weed (s) to be controlled.

GOLFER EXPOSURE, HEALTH RISKS & PRECAUTIONS

Before a pesticide is registered in Ontario it is thoroughly tested for potential environment and human health effects. Golfer exposure does not pose undue risks to health for a number of reasons. Products are applied as very dilute mixtures. Pesticides are not easily dislodged after drying on the leaves of turfgrass plants and most areas of a golf course rarely, if ever, are treated with pesticides.

Some people may experience reactions to casual contact with pesticides, just as some react to airborne pollen, certain foods or fabrics etc. Regardless, it is advisable to minimize your exposure to pesticides and here are some suggestions.

1. Avoid oral contact. Do not put golf balls or tees in your mouth and don't lick your fingers.
2. Wash your hands immediately after playing and before eating or going to the bathroom.
3. Clean the grips of your clubs regularly.

MILLIONS OF GOLFERS ARE LIVING PROOF THAT GOLF IS USER FRIENDLY



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It's The Law In Ontario by John Vanlenthe

CERTIFICATION TRAINING

Occupational health and safety is becoming an item of daily discussion at most Ontario workplaces. When Bill 208 became law in the province in 1990, occupational health and safety became a greater priority. Bill 208 made some significant changes to the Occupational Health and Safety Act, one of which is Certification training for members of the joint health and safety committee.

In this article I would like to cover these three items:

- a brief history on occupational health and safety
- what Certification training is all about
- what we can expect in the future

HISTORY

In 1979 when the Occupational Health and Safety Act became law through Bill 70, a fundamental right was given to workers in Ontario. It was the "right to participate". It gave workers the right to participate in occupational health and safety in their workplace through the representative(s) they select. In Section 8 of the current legislation, workplaces with less than 20 workers regularly employed are required to have a health and safety representative, who is to be selected by the workers who do not exercise managerial functions. Where 20 or more workers are regularly employed, a joint health and safety committee is required to be established, the size of the committee determined by the number of people at the workplace. This is outlined in Section 9 of the Act. It states that where 20 to 49 workers are regularly employed, the committee shall consist of at least two people. If there are 50 or more workers, then the committee shall consist of at least four people. In either case, the committee shall be made up of representation from both management and workers. In cases where there are more than two on the committee, at least half of the members shall be worker representatives. These worker representatives are to be selected by the workers who do not exercise

managerial function in the workplace.

Health and safety representatives and joint health and safety committees were established and began to do the things they were required to do under the legislation. The problem was, that many committees were not given training in how to fulfill their duties, such as how to hold and conduct meetings, how to recognize hazards in the workplace, and how to do inspections, and as a result, were ineffective in reducing accidents. Therefore, Certification training.

CERTIFICATION TRAINING

All workplaces that must have a joint health and safety committee by law, are required to have two members of that committee certified, one management and one worker member. The joint health and safety committee, together with management, must decide what level of training they require. Management can select the management member to be Certified, and workers must select from the committee who their Certified member will be.

Using guidelines established by the Workplace Health and Safety Agency (see figure 1), they must decide if they require Category 1, 2 or 3. Simply said, do they take 1, 2 or 3 weeks of training? This is primarily based on firm size and hazards associated with the work. For example, despite firm size, if there is a risk of a disabling injury (lost time) in the workplace, you require at least Category 2 training. This completes the "core" or generic program.

The training in Certification was developed on a building block or modular format. It does not consider past training in most situations. Certification training covers many basic health and safety fundamentals (see Figure 2) and is based on the principles of recognition, assessment and control hazards in the workplace.

This training is required to be completed by dates outlined in legislation (see Figure 3).

Cost for this training:

Category 1 . . . \$535.00 per person
Category 2 . . . \$765.00 per person
Category 3 . . . \$995.00 per person

WHAT'S NEXT

Once the core program is completed, sector specific training will need to be taken. This training is somewhat different in that now topics required to be taken will be focused to your industry or your type of business. This program is presently under development at the Workplace Health and Safety Agency and is expected to begin in the fall of 1995. Little is known at this time in terms of content or time requirements.

Certification training does not make health and safety experts, it does make good health and safety generalists. Members of joint health and safety committees will now have new ways of determining and controlling hazards in the workplace. They will have new ideas. They will make occupational health and safety a higher priority in doing business. They can make others in the workplace more aware of the dangers in doing the work.

Bottom Line: The certified members can reduce workplace accidents and injuries, providing there is commitment from senior management. Without this commitment, workplace safety is an uphill battle.

For more information on certification training or to register, contact one of the following IAPA District Offices nearest to you:

London
(519) 686-9698 or 1-800-567-4272

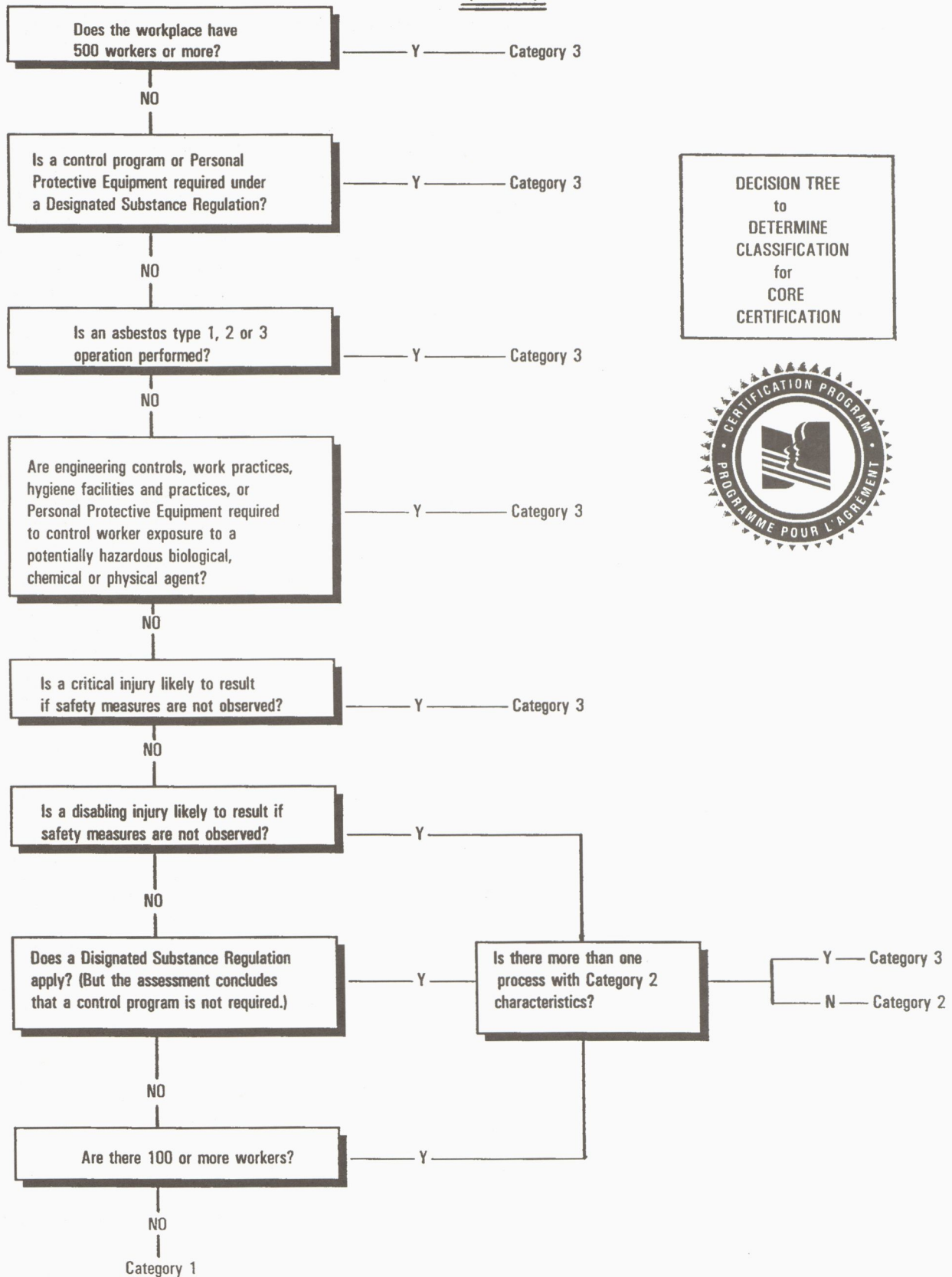
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(FIGURE 1)



(FIGURE 2)

WORKPLACE HEALTH & SAFETY AGENCY: CORE CERTIFICATION TRAINING

MODULE	SUBJECT
Week One - 1	Introduction, Orientation and Course Overview
Week One - 2	Legislation
Week One - 3	The Body and the Workplace
Week One - 4	Recognizing, Assessing and Controlling Health Hazards
Week One - 5	Musculoskeletal Injury Prevention
Week One - 6	Indoor Air Quality
Week One - 7	Recognizing, Assessing and Controlling Safety Hazards
Week One - 8	Joint Health and Safety Committees
Week One - 9	Certified Member
Week One - 10	Workplace Inspections
Week One - 11	Accident Investigation
Week One - 12	Review, Evaluation and Wrap up
Week Two - 1	Introduction, Orientation and Course Overview
Week Two - 2	Health and Safety Law
Week Two - 3	Recognizing, Assessing and Controlling Health Hazards
Week Two - 4	Chemical Hazards
Week Two - 5	Biological Hazards
Week Two - 6	Workplace Stress
Week Two - 7	Physical Hazards
Week Two - 8	Hygiene Monitoring
Week Two - 9	Recognizing, Assessing and Controlling Safety Hazards
Week Two - 10	Specific Safety Hazards
Week Two - 11	Ventilation
Week Two - 12	Review, Evaluation and Wrap-up
Week Three - 1	Introduction, Orientation and Course Overview
Week Three - 2	Communication Skills
Week Three - 2	Communication Skills (cont.)
Week Three - 3	Research and Resources
Week Three - 3	Research and Resources (cont.)
Week Three - 3	Research and Resources (cont.)
Week Three - 4	Using Health and Safety Statistics
Week Three - 5	Certified Member
Week Three - 6	Joint Health and Safety Policies and Programs
Week Three - 7	Health and Safety Policies and Programs
Week Three - 8	Review, Evaluation and Wrap-up



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June 19

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Hammond Golf Club
Hammond, Ont.
July 31

Fall Field Day
Hylands Golf Club
Ottawa, Ont.
September 18

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Georgian Bay Days

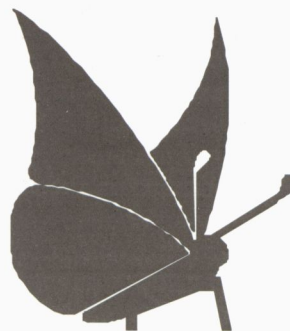
Contact Randy Fielder
(705) 835-3125

Nobleton Lakes Golf Club
Nobleton, Ont.
Host Barry Endicott
May 16

Hawk Ridge Golf Club
Orillia, Ont.
Host Bruce Dodson
June 20

Deer Creek Estates
Whitby, Ont.
Host Neil Acton
July 25 {limited space}

Environmental Stewards



Congradulations to

Paul Scenna and **Greg Williams** who have received Environmental Steward awards from the GCSAA. As mentioned in the last issue, **Paul Dermott** was one of two Canadian Superintendents to receive this important

recognition in the private club category. G.I.B. has learned that Paul Scenna was the other recipient and that Greg

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Host Don Norris
August 22

Monterra Golf Club
Collingwood, Ont.
Host Ron Heesen
September 26

OGSA GOLF DAYS

Pro/Superintendent
Monterra Golf Club
Collingwood, Ont.
June 13

Green Chairman/Super
Rosedale Golf Club
Toronto, Ont.
July 17

OMAFRA
Springfield Golf Club
Guelph, Ont.
August 14

WOGSA GOLF DAYS

Port Colborne Golf Club
Port Colborne, Ont.
Host Jay Kulok
May 2

Scenic Woods Golf Club
Hannon, Ont.
Host Vince Dermott
June 12

Golf Club TBA
Hamilton, Ont.
Host David Smith
July

Ingersoll Golf Club
Ingersoll, Ont.
Host Dan Lavis
August 24

Lookout Point Golf Club
Host: Aldo Bortolon
October 4

The Toronto Area Superintendents Society

Just over one year ago The Toronto Area Superintendents Society was organized to meet once a month for an informal exchange of ideas and information. Membership is available to Superintendents only. There are no borders, everyone is welcome. Yearly membership (June - May) are available for \$20.00.

Please contact Robert Ackermann for membership information.

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Toronto Area Superintendents 1995 Event Schedule

- | | |
|--|-----------------------|
| May 29 - Toronto G.C. | Host: Bob Brewster |
| 3:00 pm meeting and barbecue at maintenance facility | |
| June 26 - Donalda G.C. | Host: Paul Scenna Jr. |
| 12:30 pm lunch and meeting at clubhouse | |
| July 24 - Oshawa G.C. | Host: Ian Bowen |
| 12:30 lunch and meeting at clubhouse | |
| August - Beacon Hall G.C. | Host: Bob Heron |
| Details to be confirmed | |
| Sept. 18 - North Halton G.C. | Host: Alan Beeney |
| 12:00 lunch and meeting at maintenance facility | |
| Golf for 16-20 available to members only following meeting | |
| October - York Downs G.C. | Host: Al Schwemler |
| Details to be confirmed | |

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Fifteen Years Ago Today

by Barry Endicott
Nobleton Lakes Golf Club

The Board of Directors of the OGSA in 1980 was as follows: **Paul White** (president), **Ken Nelson** (vice), **Doug Hoskins** (sec.), **John Smith** (treasurer), **Stu Mills** (past pres.), **Dan Ardley**, **Bob Brewster**, **Al Draper**, **Shorty Jenkins**, **Blake McMaster**, **David Moote** and **Rusty Warkman**. Bob Brewster was editor and Blake McMaster was co-editor of "Green is Beautiful".

There was a March meeting held at Scarborough Golf and Curling Club for the annual curling day. **Bob Moote's** rink beat **Bill Bowen's** rink and won the R.F.M. Trophy. The business section of the meeting, lead by host Dave Moote, involved a salary and benefit discussion with **Stuart Mills**, **Dan Ardley** and **Gordon Witteveen** also giving us a breakdown of the wages and benefits paid to their employees.

The first golf meeting was held on May 5 at Roseland Golf and Country Club, Windsor, hosted by **Bud Hooper**. **Dr. Vargus** paid a post dinner visit, speaking on the theories about "Maintaining Turf Not Grass". The Galt Field Day was held on June 12 at Galt with a visit to the U of G Turf Plots. **Dr. Tom Fisher** was the guest speaker. Low gross superintendent was **Bruce Vollett** 74, low net super was **Whitey Jones** 64. Low assistant gross was **Bruce Burger** 72 and low guest gross was **Rod Hermitage**.

The President, Green chairman and Superintendent Tournament was held Friday, July 25 at the Summit Golf Club hosted by **Doug Hoskins**. The team from Richmond Hill Golf Club of **Peter Barnett** scored 109 points for first place.

Hugh Kirkpatrick of Westmount had the low gross round for the day shooting 72. **Andy Bertoni** was guest speaker. On August 12th a meeting was held at Westview hosted by **Keith Nesbit**. Low gross scores were Bill Bowen and Hugh Kirkpatrick with 79 and low net winners were **Bill Hynd** and **Neil Acton**, 70. A discussion was started on the rules of golf as Keith was the head of the rules of golf for OGA.

Ken Wright and **Ben Kern** won the Pro-Superintendent Tournament played at Lake St. George Golf Club in Orillia with a score of 153. Low super gross was Dan Ardley 78, low supers net was **Brent McCaffery** 69, and low pro Ben Kern 67. The McClumpha Tournament was held at Dalewood Golf Club on September 29 hosted by Dan Ardley. Low gross superintendent was Ken Wright with 74 and low net was Hugh Kirkpatrick 70. A scramble golf day was held at Bayview Golf Club hosted by **Jim Wyllie**. The winning team was **Bob Heron**, **Shorty Jenkins** and **Dave Dick** with a score of 67. The Christmas Party was held at Lambton Golf and Country Club on November 15.

A CGSSA fall seminar was scheduled in Toronto on Landscape I Design Theory for October 29 and 30. Instructors were **William R. Nelson**, University of Illinois and Mr. **C.E. McNinch**, director of independent study, University of Guelph. The 1981 GCSAA International Turfgrass Conference and Show was held on January 25-30 in Anaheim, California.

The first annual Turfgrass Research Foundation Invitational Golf Tournament was held on Friday August 1st at the National hosted by Ken Wright with the barbecue being held at the Board of Trade hosted by **Gord Witteveen**. The tournament

raised \$2,800 for Turfgrass Research in Ontario. Low gross was **Bob Cherry** with an 84 and low net was **Kimmo Solonen**.

Tom Lewis ended a 55 year career when he went into semi-retirement after serving as head greenskeeper at Kawartha Golf and Country Club for the past 22 years. **Fred Curra** was hired to replace him. **Hugh Moulton** of Windsor Park Golf Club was killed in a car accident in September. A Regionalization Committee consisting of Dan Ardley, Bob Brewster, Blake McMaster and **Thom Charters** was established to study regionalization.

Motor Oil

from *What The Odds Are* by Les Krantz

Definition: The black slimy goop which is drained from the crank case of your car when you get an oil change.

What happens to the liquid junk that oozes from your engine every 3,000 - 5,000 miles when you get it changed? You might be surprised to know that the mechanics save it, sell it and it is a multimillion dollar industry involving 1.4 billion gallons of the murky mess. Most of it is somehow burned for heat and it releases 600,000 pounds of poisonous lead in the air. The gray, hazy smoke which results is responsible for more airborne lead pollution than any other source, even gasoline with lead, the now banned fuel formerly used in automobiles.

The Odds: What is the probability that your discarded oil will contribute to lead pollution of the environment? The following list represents the proportions of old motor oil that will be used for various purposes:

For Heat	1 in 2
Refined & reused	1 in 20
Dumped in Land Fills	1 in 3
Other Industrial Uses	1 in 33

Dollar Spot Disease of Turfgrass

by Tom Hsiang

Dollar spot is a very common disease of intensively managed turfgrass in North America. In the United States, more fungicides are used for this disease than for any other turfgrass disease. In Canada, the distribution of Dollar Spot is more limited with greatest severity in the Great Lakes Region. Fortunately, this disease is relatively easy to manage and seldom results in turf kill.

In Ontario, Dollar Spot disease occurs from June through October. There are many turfgrass managers who say that the Dollar Spot disease occurring in the fall is different from that occurring in the summer. From tests we have done at the Guelph Turfgrass Institute and in the opinion of other turfgrass pathologists, the organism which causes summer Dollar Spot disease is exactly the same as the one causing Dollar Spot in the fall. What differs is the environment. Grass can grow more quickly in the summer with summer temperatures, plenty of sunshine, and sufficient water via rainfall or irrigation. Turf is able to outgrow infections or recover more quickly from injuries and stresses. An application of fungicide in the fall for Dollar Spot disease may seem ineffective solely because the grass is not growing and recovering as quickly. Some turfgrass managers recommend a change from summer protectant fungicides such as chlorothalonil toward systemic fungicides such as iprodione, benomyl or demethylation-inhibiting fungicides in the fall. The systemic fungicides may have more "kickback" activity and thus give better control of newly established Dollar Spot infections in the fall.

In this article we discuss ways of dealing with Dollar Spot disease.

Pathogen: This fungus is still called "Sclerotinia homoeocarpa", but some experts place it into other taxonomic groupings.

Host Plants: All cool season turfgrasses are susceptible, but we most commonly see the disease on creeping bentgrass

and Kentucky bluegrass.

Season of Occurrence: From early summer to mid-fall in southern Ontario.

Conditions Favouring Disease:

- Symptoms are most obvious when temperatures are between 15-30°C with prolonged leaf wetness periods, especially with warm humid nights.
- Turf grown under low fertility, especially low nitrogen conditions.
- Drought-stresses turf will show more symptoms.

Symptoms:

- Patches start out as a few straw-coloured blades together.
- On close-cut grass such as bentgrass greens, spots may extend into distinct circular patches up to 5 cm in diameter and in cases of very severe infection the patches may coalesce to form larger patches.
- Within the patches, dead grass is usually dry, bleached white or straw-coloured, and sunken.
- With higher mowing heights, there are irregularly shaped patches which may coalesce to yield a general blighted appearance. In these long-grass patches, the leaf blades have "hourglass" lesions with sunken edges and dark brown borders separating them from the remaining green portions.
- After warm days and nights, and with heavy morning dew, especially in July and September, there may be abundant white fungal growth on spots. Also there may be cobwebby white growth on the turf in the morning while dew is present which are not always associated with spots.

Life Cycle: The Dollar Spot fungus over winters on crowns, roots and dead leaf tissue as black sclerotial flakes which are hard to see.

- Fungal growth starts when temperatures reach 15°C and is optimal between 21°C and 27°C and enhanced by high humidity.

- The fungus grows out from the thatch onto wet leaf surfaces to cause infections. Roots and rhizomes are

usually not infected.

- Lesions are carried up into the canopy by leaf blade growth especially on higher cut turf. Infections then spread from leaf to leaf.

- When temperatures exceed 27°C, disease slows down.

- Fungal material may be spread with field equipment.

- No spores are produced.

Cultural Control: Apply N to low N turfs after disease is initially observed, especially on fairways.

- Control thatch and compaction.

- Enhance quick drying of turf by reducing shade and increasing air circulation.

- Spots are slow to heal on low N turf especially in cool weather.

- Water deeply and infrequently.

- Avoid evening watering.

- Drag a hose or pole across turf to reduce leaf surface wetness.

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

- Resistance to benomyl, iprodione and propiconazole has been reported, so these chemicals should not be used exclusively.

- Fungicide application may be followed by foliar N spray to enhance recovery of diseased turf, especially during cooler weather.

Resistant Turfgrasses: None of the northern turfgrasses are resistant, although there are some differences between bentgrass cultivars in resistance. From our cultivar trials from 1991-1994, we found that the most susceptible creeping bentgrass cultivars in our test were: Putter, Emerald, Forbes 89-12 and SR-1020.



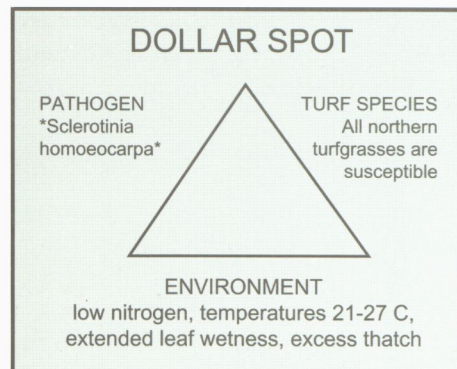
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Biography



Dr. Tom Hsiang (pronounced shung) is a professor in the Department of Environmental Biology at the University of Guelph. He has teaching responsibilities in turf and ornamental plant pathology plus a course on pesticides, and is actively involved with the Annual Turf Managers' Course. Tom came to Guelph in 1990 from Washington State where he was working as a research associate on diseases of tulips and lilies and poplar trees, and also worked on a conifer root

disease. Tom is originally from Vancouver, B.C. and obtained his Bachelor and Masters degrees in Biology and Forestry of turfgrass and woody ornamental plants. The projects which are actively going on include:

1. Resistance of Kentucky bluegrass cultivars to necrotic ring spot disease.
2. Biological Control of grey snow mould disease.
3. Effects of organic amendments on turfgrass growth and disease resistance.
4. Resistance of the dollar spot pathogen to DMI fungicides such as Banner, and
5. Chemical control of dollar spot and snow muold diseases of turfgrass.

Estimated I.Q.'s of Historical Figures

John Stuart Mill	190
Goethe	185
Voltaire	170
Mozart	150
Thomas Jefferson	145
Napoleon	140
Leonardo Da Vinci	135
George Washington	130

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GCSAA Conference and Show in San Francisco

By Neil Acton, CGCS

It has been nearly 10 years since the GCSAA held its' annual conference in San Francisco. Since 1986 the Moscone Centre has nearly doubled its' floor space and the GCSAA came close to filling the expanded convention centre this year. According to GCSAA staff, this may be the last time the annual conference returns to this fabled city due to the anticipated growth of the industry and trade show. Over 17,500 people attended this year.

As usual, the golf tournament preceded the educational and trade show portions of the conference. This year five courses in the Monterey Peninsula co-hosted the tournament. The participants, a few from Ontario,

were treated to glorious weather. Many OGSA members who did not participate in the tournament still visited the Monterey Peninsula to play some fabled courses found there including Pebble Beach, Spyglass and the Links at Spanish Bay.

On Monday, February 20, the educational portion of the conference began with the first of 60, one or two day seminars offered, being carried out. Many pre-conference seminars were sold out well before the conference.

Rocky Bleier, the former Pittsburgh Steeler great, gave an inspirational keynote address at the opening ceremonies Thursday evening. "Be the best you can be" was the message he wanted to leave

us with. The general educational sessions began Friday, Feb. 24. Gord Witteveen was the only OGSA member to actively participate in these sessions this year. His entertaining presentation, entitled "Time Capsule Saga" was well received by all attending.

The trade show, with all 653 exhibitors, opened on Saturday and was open until Monday at noon. As usual, every turf related product imaginable was available for inspection and discussion.

The USGA Green Section presented the last educational session of the conference Monday afternoon. This is usually one of the best portions of the conference. Scattered throughout the program are unique turf-tips from fourteen of the USGA agronomists.

The conference and show closed with the annual banquet Monday evening. The entertainment this year was provided by Anne Murray, a member at Thornhill Country Club. The coveted Old Tom Morris award, the GCSAA's highest honour, was presented to Dr. James Watson of the Toro Company.

This year, there was an International Lounge provided for superintendents from outside the U.S. to meet and enjoy refreshments with one another. It was a nice touch. I met superintendents from Australia, Europe and the Far East.

Future GCSAA Conference and Show sites are as follows:

1996 Orlando	February 5-12
1997 Las Vegas	February 6-13
1998 Anaheim	February 2-9
1999 Orlando	February 8-15
2000 New Orleans	February 14-21



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OGSA/Hutcheson Ski Day-March 8, 1995

By Barry Endicott, Nobleton Lakes Golf Club

As I write this article, some golf courses are opening for play. It is hard to believe that just over 3 weeks



ago, we were skiing at Osler Bluff ski resort on a cold, snowy day where accumulations were over 8 inches. Naturally, conditions were superb. I have been skiing for years, but I have recently noticed that many people in our industry are taking up skiing. It is a perfect winter hobby. Because we work many crazy hours during the golf season we can get away to ski midweek when there are fewer line ups. A winter ski holiday appeals to me more than a warm winter golf holiday. There are no divots or diseased grasses, no missing flag poles, run away golf carts, swampy ponds or shocking score cards to remind me of what I can expect in the months to come. I have had very few bad ski days. Because my ski suit sheds snow quickly, the only person

who knows I have had a double, triple or quadruple bogey is me and I am certainly not going to tell anyone.

With the Canadian Conference being held in Ottawa during March break, my family decided to take a ski trip to Quebec where the weather and ski conditions were just right. I recommend a winter ski holiday for anyone who wants a change of pace. If you are thinking of starting to ski, it is never too early or too late. My daughters started at the ages of 3 and 5 and Gord Witteveen started at age 39. Bruce Summers always attends the Hutcheson Ski Day and this year he showed up on his snowboard which really impressed me. Changes in seasons and activities keep us healthy both physically and mentally. It bothers me when people in Canada knock winter and want summer all year. Although, I have never heard of a Golf Course Superintendent cursing winter and wishing for the hot, dry and humid summer season; Why is that??

The Ski Day was well attended with the following participants: Corrie Almack, Bruce Summers, Dean Baker, Dean Cormack, Barry, Christine and Jane Endicott, J.D.

Teeter and Sean Fowler, Doug and Carole Suter, Glenn and Heidi Burgess, Colin White and Mike Janeba, Gord Witteveen, Brent, Kathy and Alison McCaffrey, John and Nancy Taylor, Herman and Margaret Bruin, Nigel Rennie, Tami Packham, Craig and Martine Evans, Bob Heron and Bernie Von Cube.



From Hutcheson there was Bob Hutcheson, Angelo Capannelli, Kerry Carrothers, Mary Beth Kelly, Pat Spratt, Kim Hart, Sandra Power and Al McDonald.

Thank you to the OGSA for helping with the organization and to Bob Hutcheson, who is a charter member at Osler, for sponsoring us, offering his chalet and feeding us. Everybody had a great time.

London Area Mall Hosts Superintendents

by Jerry Richard

The Greater London and Area Golf Superintendents' (GLAGS), recently opened its' season with a trip around the links at Masonville Mall in



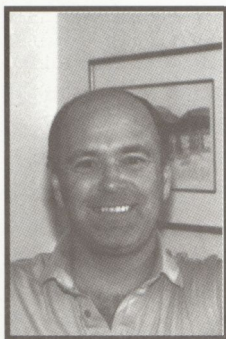
London. Forty-three people played the mini golf course designed by golf architect Doug Carrick. Unlike typical mini golf courses that are bordered by wood 2 x 4's, this \$1.2 million beauty at Masonville uses mounding, different types of carpet, rocks, trees, bunkers and water to boundary each hole. With a limestone and concrete base, the design of every hole has

been loosely borrowed from famous golf holes around the world. The winning team on this day was Joel Stevens, Fred Kobitz, Ron Shantz and Gary Allen. The GLAGS events for 1995 are as follows:

May	- River Road GC
June	- Westminster Trails GC
July	- Maple Ridge GC
August	- Mitchell GC
Sept.	- Sunningdale GC

Finalized dates have not been confirmed and all turf industry people are welcome. Larry Annaert of Hyde Park Equipment in London is the Chairperson of GLAGS and his phone # is (519) 471-1400.





G.I.B. REPORT

By Alex La Belle

The changes made to G.I.B. seem to have been received rather well. The last issue showed that the use of recycled paper still gives us presentable pictures while enabling us to contribute to the growing effort to be environmentally responsible. I apologize for the spelling mistakes in the last issue and have arranged to have more than one pair of eyes proofread the copy. While our revenues are still shaky we have secured enough funds to increase the size of the current production. It has also been very active over the past two months and we were deluged with articles and news from association events. This, as I understand from past editors, is most unusual. It may turn out, with the busy part of the season approaching that the well may draw down a bit. I hope not.

We welcome Dr. Tom Hsiang from the University of Guelph on board. Dr. Hsiang will be submitting disease profiles to educate rookies, remind the veterans, and update us all on turfgrass pathology. I would like to thank all contributing authors for their articles. It would be nice to be able to produce 20 page issues all season but this can only occur with your support. Don't be shy! Articles do not have to be lengthy and pictures are worth a thousand words. If you wish to submit a picture we request that it be a print, with any appropriate caption written on the back. That way, you still have the negative and we know just what to say. Our next golf event is the Pro/Super at Monterra. If you wish to bring something for publication to the event we will be happy to receive it along with your instructions.

Here's hoping that you have a good start to the season and that Monterra is on your calendar.

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The Lighter Side Of Golf By Eric Williamson

"I see you are air-ee-ating today. When you are finished here, do you mind taking that thing over to my place and doing my lawn?"

The standard joke, asked a dozen times by a dozen different golfers everytime you aerify. Or in the spring, when you are up to your butt in mud repairing an irrigation leak and someone asks "Find any oil yet?" My standard response to this one is "No, and I still haven't found the quarter I dropped here last fall." I have seen this one actually bring golfers to their knees in fits of hysterical laughter.

The comments, questions and jokes become redundant and even a little tedious at times. The truth is, however, that without golfers there would not be golf courses and without golf courses there would not be superintendents, assistants or greens' staff. It is important for us to keep things in perspective. Golfers are people who on their day off have decided to pursue their favourite pastime; they are people who believe that a bad day on the golf course is better than any day in the office. Chatting with the greens' staff only serves to fulfill their experience and allows them to go home feeling that their day on the links was satisfying and complete. At times I detect a note of longing in their voices as they do a mental comparison. My office is 150 acres of rolling green hills and dales complete with trees, creeks and wildlife and their's is a 400 square foot climate-controlled box 25 storeys above a concrete jungle.

All in all they are good people. Some swing the sticks better than others, and it is normally the golfers who do not swing as well who enjoy a moment or two of light hearted chatter with employees on the course. "Sorry about that, if I knew it was going to go that far I would have waited." This is said with genuine concern after a golfer has just hit a 275 yard, 3-iron shot of a lifetime that just misses you. "It's quite all right sir, it's only the ones that hit me that really bother me." Then the golfer replies with a chuckle, "I guess that is why you guys get all that danger pay, eh?"

If he walks away smiling, you can be certain that he will be happy with his day of golf regardless of his final score.

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REVISED ONTARIO PESTICIDE LICENSING SYSTEM

by: John W. Gravett, TURFECS

Recently the Ministry of Environment and Energy announced proposed changes to the existing pesticide licensing system in Ontario. These changes will affect every individual in the turfgrass industry who is involved in the application of any pesticides at their golf course operation.

Basically, the MOEE is streamlining the licensing process and laying a foundation for mandatory licensing and recertification.

NEW LICENSE TERMINOLOGY

Specifically, there exists over 30 classes of Exterminators licenses and these will be reduced to only 5 "classes". As far as Land Exterminators Licenses are concerned, these will now be streamlined into:

- . Landscape
- . Forestry
- . Industrial Vegetation
- . Agriculture
- . Aerial

The terminology "Land Class 1 & 3" will no longer be in use as of January 1996. The Landscape license is defined as those individuals involved in the maintenance of lawns, ornamentals and landscaped properties. The Landscape license will encompass all golf course operations in Ontario.

CERTIFICATION PROGRAM

A new certification program will be implemented in the Fall of 1995 by Ridgetown College. This certification program will be offered through distance education and exams will be scheduled throughout Ontario. The new exams will be based on a common core manual and license

specific modules. Ridgetown College will be solely responsible for administering study material and examinations only. Individuals will be able to take advantage of preparatory courses and seminars held throughout Ontario by private consultants.

Individuals who are successful in passing their examinations will have to apply to the MOEE for their Landscape exterminators license. Every five years certified exterminators must become recertified. Recertification will involve successfully repeating the certification examination and possibly other methods to be announced.

Those individuals who will be writing their exams this fall, upon successful completion, will apply for one of the new licenses beginning in 1996. Current license holders will be phased in over a five year period. Recertification will begin in 1997 for individuals whose license expires in 1997.

TECHNICIAN CERTIFICATION

Presently, licensed exterminators are permitted to supervise not more than three unlicensed exterminators at any given time. This present legislation will be changed in 1996.

Technicians (unlicensed assistant exterminators) must pass a technician certification examination before they are allowed to apply any pesticide under the supervision of a licensed exterminator. This technician certificate is valid for only one year. It can be renewed once following successful repeat of the certification course the following year. After this one renewal of the technician certificate, those individuals the following year will have to attempt to become fully certified (i.e. no longer assistant exterminators) or will not be able to apply pesticide products under any circumstances. The technician

certification program will be administered through Ridgetown College who will provide the study material and exams. It is expected that private consultants will be offering preparation courses for technicians across Ontario.

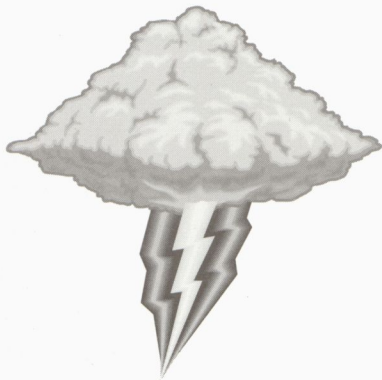
Technicians will not be able to provide product recommendations, select application equipment, determine rates of application, mix, load or apply schedules 1 or 5 pesticides. Technicians will have to be a minimum of sixteen years of age. The technicians will also have to maintain a log book to keep a daily record of the name of the licensed supervisor as well as the time and location of each on-site visit.

The MOEE is presently legislating all of the above changes to the pesticide licensing system. There is no doubt that these changes will affect both licensed and non-licensed individuals well into the future. The MOEE is basically getting out of the administrative aspect of pesticide licensing and more into enforcement of the Pesticide Act and Regulation 914.



Lightning Strikes

The earth is like a giant battery that needs to be restored of its lost electrical energy. When skies are cloudless, the negatively charged earth dissipates electrons into the positively charged upper atmosphere. This leakage is restored to the earth when thunderclouds pick up and store the electrons and then discharge them as



lightning. A cloud can store as much as 100 million times that of the earth below. When this charge is "bolted out" as lightning, a bolt may have a charge of 3,750 million kilowatts which stretches from 1,000 to 9,000 feet in length.

It is virtual certainty that a bolt of lightning will hit the earth or something on it. Each second, 100 bolts strike the earth. The point of impact is almost always open water or vegetation, especially trees, which are firmly "grounded" and therefore are natural lightning rods.

The odds of lightning hitting a human are low, namely because there is a large contingent of people who have enough sense to come in out of the rain, though not nearly enough. Every once in a while, though, an unwitting individual gets hit by a lightning bolt. Most at risk are those living in the wild. In forested areas and jungles few records are kept. In large populated areas we do keep track.

Odds of being injured by lightning are as follows.

On given any day	1 to 250 million
In any given week	1 to 35 million
In any given year	1 to 685 thousand
Over average lifetime	1 to 91 hundred

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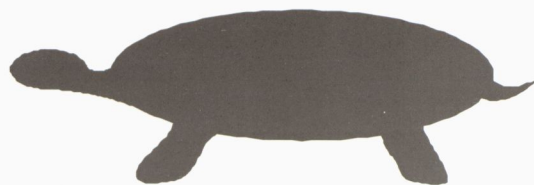
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Slow Play



Many clubs are plagued with the problem of slow play. Practically every Club Captain, Green Chairman or Club Pro has been pestered with complaints from the members and there have been many suggestions put forth as to what method would work best at any given club. There is probably no one set answer in so far as it involves approaching someone and broaching a topic which some may find insulting. How do you handle the problem politely? One passive method that has been suggested is to set the clock at the half way house back two hours to reflect the time that any group, arriving for a rest, first teed off. A sign would be required to indicate that, if you are behind time, you should either pick up the pace or allow following groups to play through. The half way house would be an appropriate place to catch your breath. If anyone has other suggestions you could send them to G.I.B. and we could assemble them into an article that would be beneficial to many other clubs.

NICKLAUS NAMES GLEN ABBEY'S DEAN BAKER SUPERINTENDENT OF THE YEAR

Dean Baker, of Glen Abbey Golf Club in Oakville, Ontario, Canada, has been selected Nicklaus Superintendent of the Year by Golfturf, a subsidiary of Nicklaus design. The award recognizes excellence in turf maintenance as well as the highest degree of professional ethics and standards.

"As the first solo design project opened by Jack Nicklaus, Glen Abbey has long served as a standard for the excellence associated with a Nicklaus design," said Edward A. Etchells, President of Golfturf. "Dean has done a tremendous job in maintaining the course's condition for public golfers and for the top players in the world for the Bell Canadian Open."

Dean Baker has been employed as Glen Abbey's superintendent since 1989. He is a graduate of the University of Guelph with a diploma in Agriculture and Ryerson Polytechnical Institute in Business Administration.

Established in 1984, the Nicklaus Superintendent of the Year award honours superintendents at Jack Nicklaus courses who have distinguished themselves in the field of golf course maintenance. Baker is the 13th recipient of this honour.

Glen Abbey Golf Club is owned by the members of the Royal Canadian Golf Association and is open to the public throughout the golf season, except during the Canadian Bell Open. For information contact:

Jack McClellan, Managing Director
Glen Abbey Golf Club
(905) 844-1800

Skin Cancer

From What The Odds Are by Les Krantz

Definition: A largely preventable skin disorder mostly caused by over-exposure to the sun, with fair-skinned white people with blue eyes most susceptible, and most common in the southwestern United States.

The Odds: That the beautiful blue-eyed blond parading her great tan along the beach may be heading for the cemetery, if statistics on this rapidly increasing illness are to be believed. Although the odds each year against an adult being diagnosed with skin cancer are 1 in 460 at the present time, this figure is expected to be sliced in half in the next ten years. Most of these skin cancers are of the non-melanoma type, however, and are easily cured because they do not spread throughout the body. The most dangerous type of skin cancer, which often proves fatal, is malignant melanoma, which does spread through the body. Here the odds each year on an adult being diagnosed with the disease are 1 in 6,805, and of dying with the disease 1 in 22,407. Thus the odds of dying from a malignant melanoma once diagnosed are 1 in 3. Remember, any mole developing on the body is suspect and should be looked at by a doctor. Women especially should be keenly aware that the sites on their bodies most susceptible to skin cancer are the lower legs, the arms and the head.

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Sprayer Drift Control

With increased pressure for responsible pesticide use, there has been increased interest in various means of drift control. Conventional open spray booms achieved this through the use of low pressure and large nozzles which produced large droplets that were less likely to vaporize or be blown off target by wind. The trouble with this, though, is that large volumes of water are required resulting in more frequent tank fill ups, large volume tanks which increase compaction and more contact with the concentrate by the operator.

Problems arise with the effectiveness of the product in that large droplets may roll off of the foliage becoming trapped in the thatch where they are degraded. In the application of herbicides, this is particularly problematic because for the pesticide to be effective it should remain in contact with the leaf surface for as long as possible.

By Mark Rittenhouse and Edward Dywan B. Sc.

One innovation that addresses the problem of drift associated with wind, is the shrouded spray boom. These booms are constructed with integrated shields which deflect the wind over the top of the spray arms away from the pattern. These shields are made of polyethylene, aluminum and plexiglass over a metal framework with an aim to providing a light, effective barrier to the wind. To further enhance the antidrift properties of the unit, a flexible skirt can be used to extend the cover to the turf.

As with most open booms, lengths of 5 meters or more are divided into three sections with the two wing sections having hinges to allow the boom to flex out of the way when contacted by stationary objects. One big difference is the ability of all three sections to 'float' independently of each other on wheels. This allows the spray unit to follow the contours of the terrain more closely. The outer wheels provided a line to delineate the previous application area and the incidence of nozzles contacting the turf and breaking off is eliminated.

There is no doubt that the cost of such technology is expensive being up to three times the price of conventional equipment but that must be weighed against the benefits to the business of golf course management and the responsibility to a healthy environment. Superintendents have noticed that the number of days available to them for spraying has increased as a result of the ability to spray on breezy days without the fear of affecting non-target areas. Also, when scheduling requires that pesticides be applied when golfers are on the course (from dawn to dusk) it can be done with the comfort of knowing, from both parties, that the product is more or less contained. Since a larger area can be covered with a single tank, operators are at less risk of exposure and the task is accomplished in less time. Smaller droplets covering a larger area results in more material staying on the plant leading to fewer applications in a year.

Rittenhouse Sprayers has been involved in the spray industry since 1914 as manufacturers, distributors and consultants. We have been involved with the product development of shrouded sprayers since 1987, when they first became commercially available to the turf industry.

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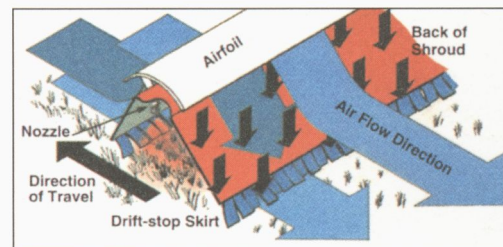
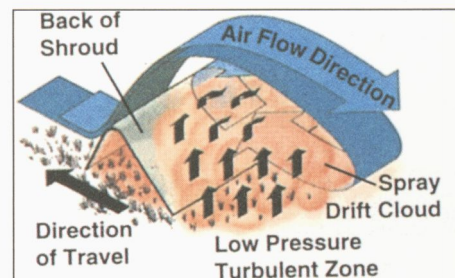
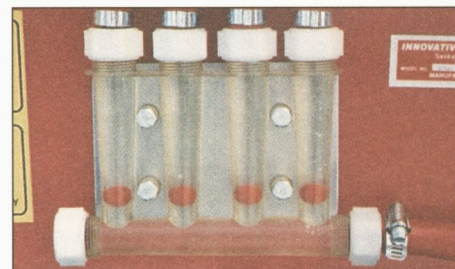
John Taylor,
Superintendent
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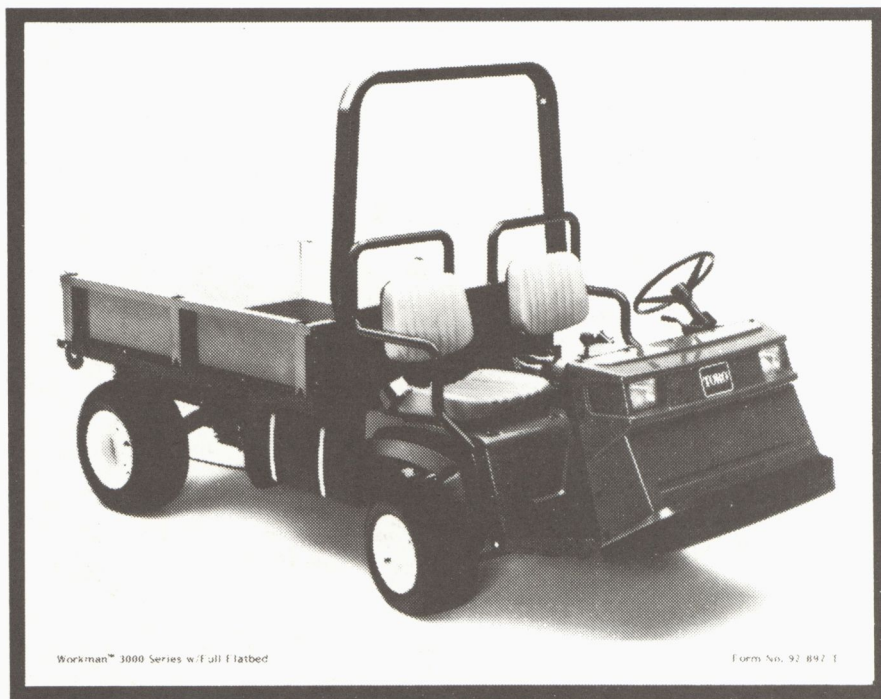
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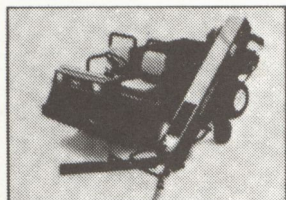




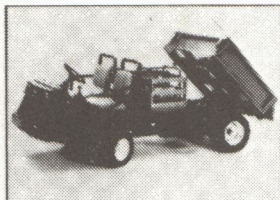
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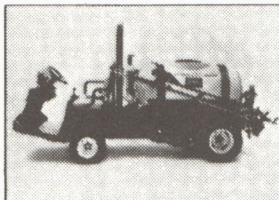
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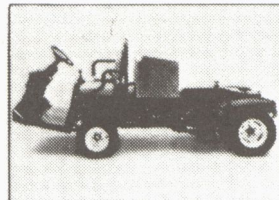
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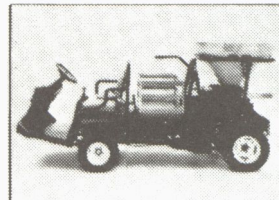
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