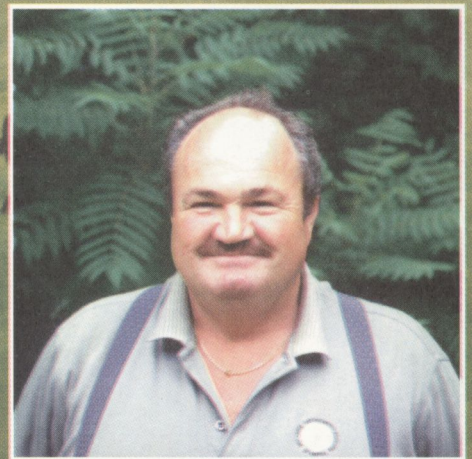
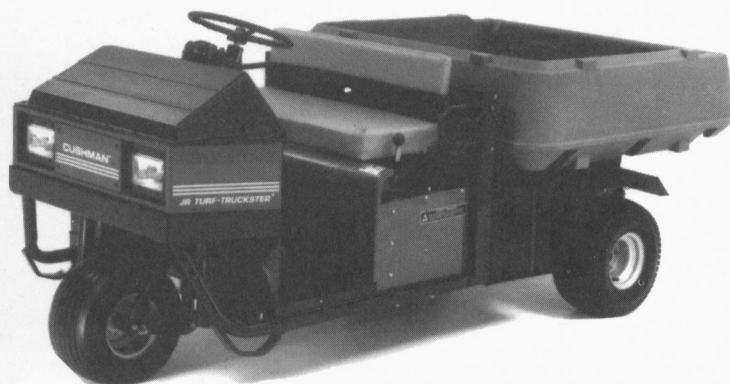


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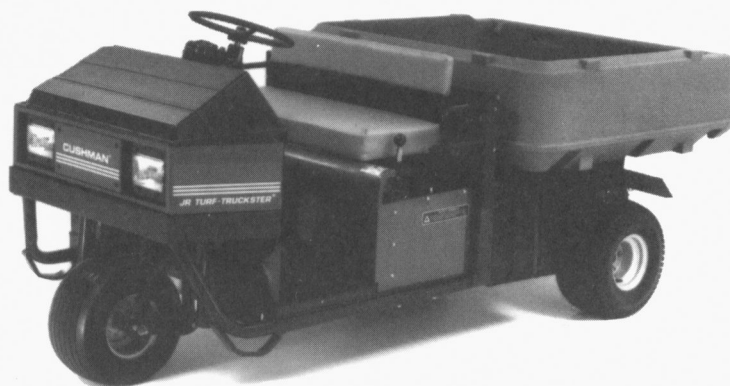
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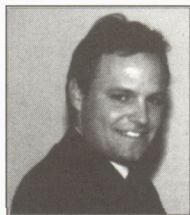
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PRESIDENT'S MESSAGE

Well we're on the downhill side of a summer that won't soon be forgotten in Ontario. From some areas getting huge amounts of rainfall to others with not a drop. Record heat and humidity meant turf loss and hair loss as disease and insects feasted on our domain. As fall approaches we can all rest a little and maybe attend some of the golf events. Late September is the time of the always popular McClumpha Tournament and the W.O.G.S.A. has the Taylor Barnes Trophy Event in early October. Those lucky enough to go to Vancouver will be treated to the beautiful Capilano G.C. for the C.G.S.A. Fall Field Day.

Again a reminder of our fall Educational Seminar put on by the G.C.S.A.A. this coming November 20-21 at the G.T.I. with the topic being Golf Greens; history, theory, construction and maintenance.

For the O.G.S.A. John Taylor

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Cover: Westmount Golf Club "Hugh Kirkpatrick"





BY ALEX La BELLE

HUGH KIRKPATRICK OF WESTMOUNT GOLF CLUB

Hugh Kirkpatrick was born in Norwich Ontario, which is just south of Woodstock, where he grew up with his two brothers Dick and Bev and his only sister Marylin. Hugh's father Douglas, owned a small construction company in the 50's and decided to specialize in golf course construction. In 1954 Doug was driving by Oakdale and decided to drop in to see if there might be any work available. The superintendent at the time, Bob Moote, was in the market for some modifications and was working with C.E. Robinson drafting some plans. As their conversation continued Bob and Doug realized that Bob's father was the preacher in Doug's home town. This episode connected Doug Kirkpatrick with C.E. Robinson and they would cooperate on various ventures down the road.

In the early sixties Hugh managed to acquire two bulldozers and was able to operate on his own schedule, shaping greens, in conjunction with the family business. Dick had taken over the day to day of the company and golf courses were entering a period of growth. Hugh shaped the greens at Brampton Golf Club, Tyandaga, Rideauview(Ottawa), and Bayview. Bayview was finished in the fall of 1960 and the next spring the company went on a streak, building Sarnia, Richmond Hill, Brampton and St. Catherine's by the fall of 1961. Hugh worked with C. E. Robinson until 1966 traveling the country to supervise the construction of various golf courses, among them; Calgary's Earl Grey G.C., John Bloomberg G. C. in Winnipeg, The Truro G. C. in Nova Scotia, Upper Canada G. C. near Morrisburg, Ontario and right in his present backyard at Conestoga Golf Club. Wanting to settle down for a while, Hugh applied for the position of Superintendent at Conestoga and stayed there from 1967 until 1973 when he applied for the position at a new course called Dalewood.



Dalewood was where Hugh really came into his own under the watching, careful eye of his wife Rosemary! Rosemary showed Hugh the proper methods of greens mowing, tee maintenance and employee management. Once Hugh was toddling safely on his own Rosey assisted other supers like Greg Aljoe who was then at Merry-Hill and Bruce Vollet of Foxwood G. C. Hugh and Rosey's children, Brian and Kathy, decided to pursue other career paths. Brian majored in Computer Science and Mathematics while Kathy attended Seneca College to complete a teaching certificate to enable her to become a Figure Skating Professional.



The Westmount Golf Club, where Hugh currently hangs his hat, began on the 17th of June, 1929, when a group of about twenty members of the Grand River Golf Club met to consider acquiring sufficient land for a good eighteen hole golf course. The architect of the course was Mr. Stanley Thompson. Sufficient work had been done to allow members to try their skill in the summer of 1931. The park-like course would prove a good test of the ancient game having a shot for every club in the bag. A six-sheet Curling Rink was constructed in 1962 and additional locker facilities, dining and lounge rooms were added to take care of increased membership. In 1975 extensive renovations to the Club House took place. A new dining room was added next to the patio and below this a games room. In 1977 tennis was added to the Westmount facilities. Four courts of superb quality and a most enthusiastic group of members turned this new activity into a distinct success.

In 1978 Westmount was looking for a new superintendent to spruce up the course for its upcoming

Hugh Kirkpatrick of Westmount Golf Club

50th anniversary in 1981. Over the years Hugh did more than simply spruce up the course. A tee construction project designed by Thomas McBroom added what amounts to one additional set of tees throughout the golf course, lengthening some holes and providing advanced blocking on others. Expansion of the parking lot required reconstruction of the practice facilities. The new 11 acre range and nursery contains five tee decks totaling 33,000 sq.ft. and 10 irrigated bentgrass target greens spaced from 70 yards to 250 yards. The edges of the range were mounded to contain shots and a large mound was created at 270 yards from the tee to separate the range and nursery.

The trees at Westmount are magnificent and



menacing both from a golfers point of view and a superintendent's perspective. While they demand accuracy and finesse from the golfer, they create nightmares in turf management. The shade and lack of wind movement in sheltered areas play havoc with disease, heat stress and ice damage. Hugh has taken a golf course that at one point was 85% forested and created some space to breathe. Much of the work of clearing under brush and thinning stands around the greens was handled by Hugh's predecessor, Herb Creed (Rich's father). Each fall approximately 80 wagons, 40 yards each, of leaves are removed from the course. To handle the massive accumulation of leaves, Hugh has three large compost piles in various stages of decomposition. They are turned with a bulldozer at least once a year. The oldest compost is used in Westmount's flower beds. In addition to the on going tree management program Hugh has installed, at four green sites, fans to move air in some of the more sheltered areas. There are plans to install four more fans. As we were talking, we were surprised to find out, from a older member, that fans were used as early as 1936 when Jack Harris used three fans to cope with 110 degree heat at St. Georges in Toronto. It would seem that many of today's practices are ideas of the past coupled with the benefit of advanced technology.

Another technological advance is the practice, that has become popular on many golf courses, of using of solid

plastic green covers to protect greens and tees over winter. Westmount Golf Club has had a long history of wintering poorly. It is located in a snow belt area and the course is heavily treed. The shaded and northern exposed green sites would become layered with ice. During a discussion about ice damage with some fellow superintendents, Hugh heard that Bill Fach, from the Essex Golf Club in Windsor, had been experimenting with solid plastic on problem green sites and was having very good results. Hugh decided to carry out some experiments of his own at Westmount. Bill's theory was to install the plastic so that all water would be kept from contacting the surface of the green. He had recommended using 6 ml. construction grade plastic sheeting, 30 ft. x 100 ft. On one green in particular, Hugh had to join two pieces together. The pieces separated in a wind storm and turf at the separation was wiped out while the remainder was perfect. Hugh suggested to Dennis McCracken at the time that stronger plastic sheets should be bonded together to allow one piece to cover an entire green. The "Evergreen" people came up with a woven plastic material that was used for swimming pool covers. Hugh's method of installing these covers is to custom fit them for the entire green including any slopes where water might come in. They then pin them down with staples every 12 to 20 inches around the perimeter of the cover. In windy locations he advises to lay branches or boards over the covers to help anchor them as you don't want to put any staples or holes in the cover. They also install farm fence around the greens to keep the cross country skiers off the plastic covers. Hugh feels that the covers should be removed as soon as the threat of ice damage is over. When the covers are removed, there is the added bonus that the greens are dry, firm and free of sticks and debris.

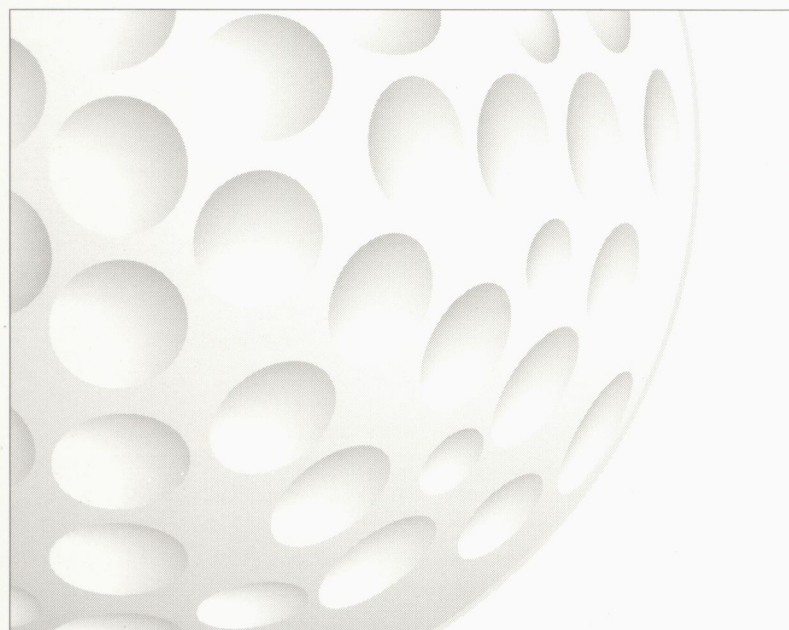
For the future, Hugh does not see an easing of recent legislation. He feels that we have been given an opportunity to have our eyes opened as to just how much "perfection" we can live with and still be responsible stewards of the environment. Golf courses continue to be the targets of misinformed, but for the most part, well meaning persons concerned for the environment. The fact remains that in urban and metropolitan areas, golf courses are the few sanctuaries left for flora and fauna. Westmount was one of the first members of the New York Audubon Cooperative Sanctuary. Each year 50 pheasants are released on the course. They, with the red-tailed hawks, add to the multitude of feathered creatures enhancing the Westmount forest. Positive actions such as these and Integrated Pest Management are practices which require the superintendent to be on top of their games when it comes environmental care.

Hugh feels that more often, now, anxious golfers and machinery are coming into conflict. He is finding that as the superintendent earnestly attempts to provide the ultimate conditions for the game, before the golfer arrives, and the golfer cherishes greater solitude, the opportunities for invisible maintenance are beginning to disappear.

continued on page 6

Noise by-laws require that mowers not be operated between the hours of 10 p.m. and 7 a.m. and golfers want to get out earlier and earlier. It is necessary that irrigation is performed at night precluding other maintenance practices at that time. The advent of new electric powered machines may assist with by-law compliance but will not overcome the conflict of golfers and the distractions. In the future it may be possible to maintain golf courses through satellite controlled mowers and other Buck Rogers technology but for now we will have to be as courteous and quiet as possible and keep the lines of communication open.

Hugh Kirkpatrick has been nominated by the OGSA for Score Magazine's Superintendent of the Year Award.



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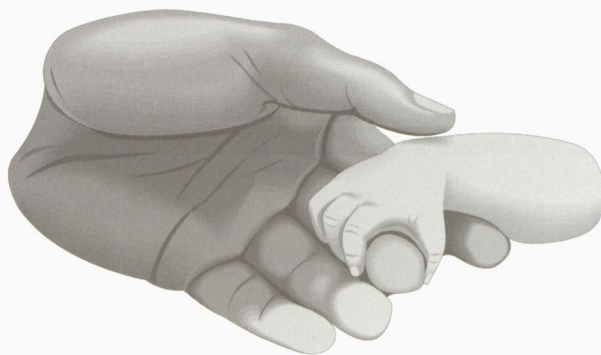
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LIFE EXPECTANCY

Definition: The average number of years a new born baby can expect to be paying taxes.

We citizens of the industrialized world are modern-day Methuselahs. That is, we live a long time if we don't wrap ourselves around telephone poles in a car crash or succumb to disease and gang warfare. With a life expectancy of 75 years, a child who is ten in 1992 will probably live to see the goings-on in 2057.

Some in Japan and Iceland are living a full sixteen years longer than the world's average life expectancy, which is 61.1 years. Unfortunately, the disparity between life expectancy in the industrialized world and life expectancy in the rest of the world indicates more about the generally awful nutritional, sanitary and economic conditions most humans live with than it does about the good living conditions in a few advanced countries.



TEN LONGEST EXPECTANCIES

Japan	77.2
Iceland	77.1
Sweden	76.8
Switzerland	76.5
Netherlands	76.5
Norway	76.4
Canada	76.3
Australia	75.7
France	75.2
Italy	75.2
Israel	75.1
Denmark	75.1

TEN SHORTEST EXPECTANCIES

Sierra Leone	36.0
Gambia	37.0
Afghanistan	39.0
Ethiopia	41.9
Somalia	41.9
Guinea	42.2
Angola	44.0
Mali	44.0
Niger	44.5
Cent. Afr. Rep.	45.0
Chad	45.0
Guinea-Bissau	45.0

THE GEORGIAN BAY SUPERINTENDENTS' ASSOCIATION

About ninety miles north of Toronto is a large body of water known as Georgian Bay; cottage country. It is a beautiful area dotted with lakes and covered with vast stretches of mixed hardwood and evergreen forests. As you travel through this serene setting you can feel the pressures of the day to day fall from your shoulders like hair from a barbers smock. Some of Ontario's best ski hills greet you in winter. The hot summer days lend themselves to lazy fishing retreats, camping get aways and a multitude of fine golf courses carved into the mountains and forests, nestled among the silver streams that feed still waters. It is an area steeped in history where the natives and Jesuits struggled with and against each other at Ste. Marie among the Hurons. Where a young nation fought great battles from the Naval establishment on Penetanguishene Bay to the waters of Lake Huron. A land that sustained a growing province with its vast supply of timber ever heading southwards to fuel an economic power house.

History on a smaller scale was made in 1981 when two young superintendents agreed that they should start a competition between their two clubs and the Georgian Bay Superintendents' Association germinated. Neil Acton was Superintendent at the Brooklea Golf Club and Alex La Belle had just returned to Base Borden to manage the Circle Pine and Anderson Park Golf Courses. Neil and Alex had gone to the same high school on the base and both had worked on the golf courses, at different times, for Joe McNeil. Neil later went to work for Bernie McDonald at the Green Acres Golf Course before taking the position at Brooklea for Rudy Scherloski. Alex was off travelling the hockey circuit in Niagara Falls, Ottawa and then at Concordia University in Montreal. He came back to Base Borden after spending two years as Assistant Superintendent at the Highlands Golf Course in Ottawa under the watchful eyes of Bill Rowat. Neil's father, Doug Acton, was the Club Captain at Borden and the real nucleus of the idea was his. Doug suggested that the superintendents, managers, pros and one other person from each club should form a team and play a home and away competition. Borden was represented by Doug Acton, Alex La Belle, Abe Buckle(Pro) and Jim Campagna(Club Manager). Brooklea's team was Mike Scherloski(Owner), Neil Acton, Russ Howard(Pro), and Kim Hanley(Asst. Super.)

The next year Alex moved to Midland, Kim took over Blue Mountain Golf Club and Ray Richards took over Borden. The "Association" had undergone mitosis! It was alive! Neil organized four golf days and recruited four guest speakers to present informational talks. Entry fees were fifteen dollars to pay for supper with a little left over to cover prizes at the end of the year. Alex collected the money and built a bankroll that was able to finance a handsome year end prize table, supplemented by industry associates. The

events began with golf, followed by a putting contest, supper and the educational presentation. The average event saw a turn out of about 25 golfers. The day was open to anyone who wanted to attend. The suppliers were marvelous in their support so that every event had enough hats, jackets, umbrellas, golf balls and shirts to send half of the field home with a memento of the day. Some of the first guest speakers were Al Draper (London Hunt), Thom Charters (Islington), Paul Dermott (Oakdale), Gord Witteveen (Board of Trade), Norm McCollum (University of Guelph), Dr. Lee Burpee (University of Guelph) and Bill Kilmer (Fertilizer Institute of Canada).

So it continued for five years with Neil as President and Alex as Secretary/Treasurer. Each year other clubs would agree to host a day and the association grew. In year three Ed Doda at The Barrie Country Club, and Stu Picken at Royal Downs hosted events. Later Ed Farnsworth came into the picture with Deerhurst. So too did John Hughes at Horseshoe Valley and Dave Smith at Muskoka Lakes. With the realization that there were a serious group of Superintendents in the Georgian Bay area, the Canadian Golf Superintendents' Association requested that the group consider hosting a speaker for the National Seminar Program and sending a representative to the Liaison Breakfast at the Annual Conference. The group seized the opportunity and continued to expand their horizons.

In 1986 Neil stepped down as President in favour of Alex La Belle and Ray Richards became Secretary/Treasurer. In 1987 Alex moved to Ottawa, Ray moved to Midland and became President with John Hughes taking over Ray's position. John became President in 1988, Neil moved to Deer Creek Estates and the association continued to expand. Under the stewardship of Ray Richards and John Hughes the Association now has an official membership at a nominal fee and just this past July 25 held an event, somewhat far from home, at Neil's course at Deer Creek with a field of 72 golfers.

From two courses, eight people and a friendly competition to a 72 person happening, the Georgian Bay area continues to make itself known.



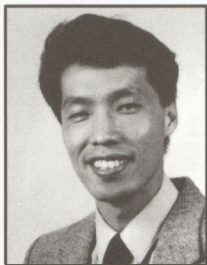
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PYTHIUM BLIGHT DISEASE

BY TOM HSIANG

Pythium Blight is also known as **Greasy Spot** or **Cottony Blight**. It is a devastating disease of turfgrass during the hottest days of the year. In Ontario, Pythium Blight can occur whenever temperatures reach 30 degrees celsius or more for a few days, along with very humid conditions. Symptoms can progress very rapidly, from a small spot the size and colour of a Dollar Spot patch on the first day, to an irregularly shaped larger patch with cottony foliar growth by the next day. One of the difficulties in control of this disease is that only one fungicide active ingredient is registered for it. The active ingredient, chloroneb, is contained within the fungicide formulation Terraneb. The Pythium Blight organism belongs to a group of lower fungi that are very different from our other turfgrass fungi. Common fungicides containing benomyl, iprodione, chlorothalonil and even the newer DMI (demethylation-inhibiting) fungicides have no activity against this organism. The speed at which Pythium Blight disease can infect and kill turf, and its insensitivity to our common fungicides makes it quite necessary for turf managers to be able to properly diagnose this disease. In this article, we'll discuss symptoms of Pythium Blight and ways of dealing with it.

Pathogen: Species of Pythium. Note that Pythium species can also cause Pythium Root Rot, particularly during cool wet times of the year.

Host Plants: All cool season turfgrasses are susceptible, especially creeping bentgrass, annual bluegrass and perennial ryegrass.

Season of Occurrence: Summer, particularly July and early August.

Conditions Favouring Disease:

*Optimal disease conditions occur when day temperatures are greater than 30 degrees Celsius, night temperatures exceed 22 degrees Celsius, and leaf wetness periods are greater than 10 hours a day for several days.

*Disease is more severe in areas of poor air circulation or poor water drainage, and on high nitrogen fertility turf.

PYTHIUM BLIGHT

PATHOGEN

Pythium
species

TURF SPECIES

All northern
turfgrasses are
susceptible

DISEASE
TRIANGLE

ENVIRONMENT

days > 30°C, nights > 22°C,
prolonged wetness, high nitrogen.

Symptoms:

*Symptoms start out as small patches that are similar in size to Dollar Spot, but under wet conditions the Pythium Blight patches will be darker-grey and greasy or water soaked in appearance as opposed to the straw colour of Dollar spot. (This is the "Greasy Spot" stage).

*When small patches of Pythium Blight dry out, they turn from dark gray to straw coloured and may be difficult to distinguish from Dollar Spot. However, in the morning, pythium patches will have a darker greasy water-soaked appearance, sometimes with white mycelium.

*Under high temperatures, the pythium patches will increase in diameter very quickly and often elongate in direction of mowing or surface drainage. This can occur overnight, from small spots to irregular blighted areas.

*When the turf is still wet, abundant white mycelium may be observed on outer edge of Pythium Blight patches ("Cottony Blight Stage").

*Under optimum conditions of disease development, very large patches of blighted turf occur. The fungus may kill crowns or roots resulting in complete death.

Life Cycle:

*The Pythium fungus survives as resistant spores in fall, winter and spring in thatch or soil, and it can survive in ponds and lakes.

*In summer, if temperatures exceed 27 degrees Celsius, and wet conditions persist, the spores will germinate and mycelium will infect leaves crowns or roots.

*Spores and mycelium can be carried in drainage water.

*Fungus may produce abundant white mycelium on foliage, especially with dew. For diagnosis, take a plug from the patch margin indoors, seal it in a plastic bag with airspace, incubate it under very warm conditions, and 12 hours later there can be a cottony white mass on the surface.

*The fungus will be less active when day temperatures decline below 27 degrees Celsius and periods of leaf wetness are shorter than 8 hours.

continued on page 9

Pythium Blight Disease of Turfgrass

continued from page 8

Cultural Control:

- *Avoid Nitrogen applications that will result in lush growth
- *During times when the disease may be active, daytime irrigation is recommended as opposed to evening or night watering. This will decrease the period of leaf wetness.
- *Surface and subsurface drainage should be modified to prevent saturated soil conditions.
- *Keep equipment off wet turf when temperatures are greater than 27 degrees Celsius to prevent spread of fungus.
- *Reduce shade and improve air circulation.
- *Dew removal and thatch control are also recommended for disease prevention.

Chemical Control:

- *Fungicides containing chloroneb are currently registered for control. The fungicides should be applied at 5-7 day intervals during favourable conditions in order to be effective. Consult labels and provincial publications for recommendations.
- *Preventive applications are recommended in areas where Pythium Blight has occurred in the past.
- *With heavy rain after application, there is poor control. Chloroneb is not systemic.
- *Note that Pythium Blight has been shown to be enhanced by benzimidazoles.

Resistant Turfgrasses:

No turfgrass species or varieties are resistant to Pythium Blight. Seedling turf is generally more susceptible than established turf.

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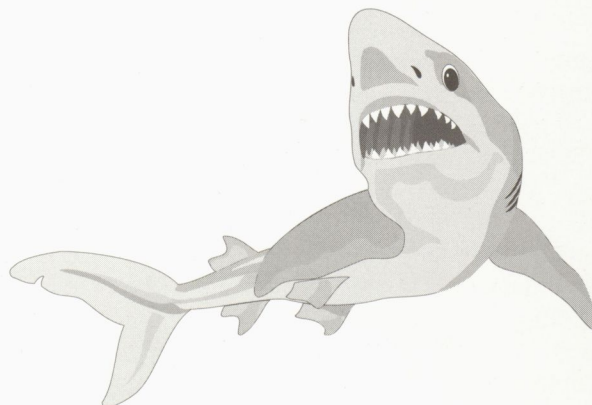
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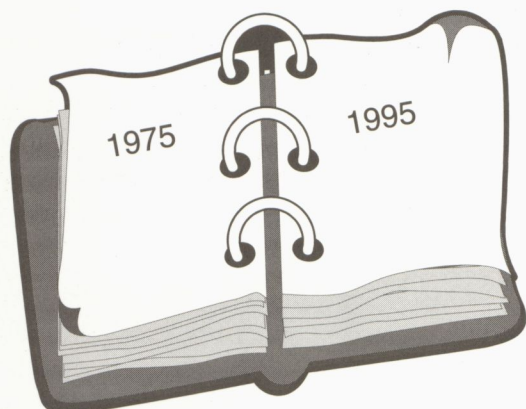
SHARK ATTACK

Definition: Assault on the human body by a fish of the order Squaliformes, whose main intent is to turn you into lunchmeat.

The Odds: Although there are more than several dozen different species of sharks in the world, totalling millions lurking in the oceans, the odds of being attacked by one is estimated to be an astronomical several million to one, far greater than the odds of being struck by lightning. The greatest hazard zone is between latitudes 43°N and 43°S. In the tropics, shark attacks occur year-round, but in temperate regions, they are most likely to occur in the summer months, when the ocean temperature is between 60°F and 70°F. Most attacks occur among bathers during daylight hours in water less than 1 metre deep and about 100 metres from shore. Sharks go for the juiciest morsels: most injuries are to the buttocks and lower limbs followed by the forearms and hands. If you are attacked, your odds of surviving are slim: Mortality rates for shark attacks have been estimated as high as 70%; hemorrhage and shock are the biggest killers among victims.

Twenty Years Ago Today

by Barry Endicott
Nobleton Lakes Golf Club



The Board of Directors in 1975 was Paul Dermott (pres.), Allan Beeney (vice.), Carl Bennett (sec.), Cameron Cairncross, David Gourlay Sr., Robert Hall, John Hutchinson, Whitey Jones, Helmut Kopp, Paul Scenna and Bob Heron (past pres. & editor).

The G.C.S.A.A. Turf Conference and Show was held in New Orleans. The R.C.G.A. Turf Conference and Show was held at the Skyline Hotel in Toronto on March 18-20. The Canadian Golf Superintendents Association took over the administration and operation of the Turf Conference and Show with the cooperation of the Royal Canadian Golf Association.

Graham Shouldice was promoted from assistant to Superintendent at London Highlands Golf Club. Wilfred Wallace was the new superintendent at Erie Downs, Doug Hoskins at the National, Blake McMaster at Brampton Golf Club, Dave Chapman at Victoria Park Golf Course and Ross Thurston at Cambridge Country Club. Bob Hall moved on from Toronto Ladies to foreman of Parks and Recreation, Markham.

John Stoughton, at the Barrie Country Club, hosted the Ontario Open. Paul Scenna prepared the ice for the British Consuls Curling Championships at the Preston Arena in Cambridge. Bill Hynd, St. Georges, hosted the Ladies Professional Golfers and Ed Ortleib, Bayview, hosted the Canadian P.G.A. Tournament.

New members: Bill Glashan, Niagara Parks Golf Course, Doug Brown, Erie Shores Golf Course, David Chapman, Cambridge Golf and Country Club, Dick Ingram, Lido Golf Course, Steve Miller, Dundas Valley Golf Course, Allan Mills, South Muskoka Golf Club, Gordon Orr, Kleinburg Golf Club, Walter Hach, Conestoga Golf Club and A. Murphy, Indusmin Ltd. Art Price became a life member of the O.G.S.A. George Drew, Richmond Hill Golf Club, died at the age of 65 on his golf course on October 31. He was 14 years assistant and then Super at Oshawa

Golf Club, 14 years at London Hunt and 15 years at Richmond Hill Golf Club. Jim Wyllie, Lambton Golf and Country Club, was the President of the C.G.S.A.

Monthly meetings were held at North Halton Golf Club, Al Beeney, Summit Golf Club (spring dance), Cam Cairncross, Essex Golf and Country Club, Dave Moote, Westview Golf Club, Keith Nisbet, Galt Country Club, Paul Scenna and Dalewood Golf Club, Hugh Kirkpatrick. The Christmas Party was held at Chinguacousy C.C., Henry Guertin.

The second annual President-Green Chairman-Superintendent Tournament was held at Weston Golf Club on August 1. The Pro-Superintendent Tournament was held at the New Dundee Golf Club. The McClumpha Tournament was held at Chinguacousy Country Club October 6.

The Horticulture Apprentice Program, with a new Turf Management option at Humber College, was finalized under the direction of Paul Dermott, Gord Witteveen, David Gourlay Sr., Cam Cairncross, Bob Heron and Ted Hartwell. Interested students will be paid 75% of their salary plus expenses, while attending this course.

SUMMARY OF GOLF EVENTS IN 1975

There were 32 members who played three or more rounds at monthly meetings or special events e.g. Pro-Superintendent, President-Green Chairman Superintendent, etc. Many more played one or two rounds. The gross winner for 1975 was selected from the total of the low three scores, as the winner of the O.G.S.A. Trophy. The new Trophy was formerly used for the now extinct Green Chairman-Superintendent event. The original J.K. Campbell Trophy was retired as its only winner has also retired. Mr. John Harris was the original trophy 5 years in a row. That year there was a tie for low gross honors with Mr. Hugh Kirkpatrick and Mr. Bill Bowen, at 234. They had a playoff and both scored 77. A sudden death playoff, ended on the second hole with Hugh Kirkpatrick the final winner.

The summary list is as follows:

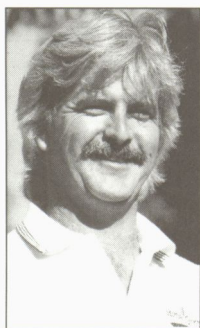
1st low gross -	Hugh Kirkpatrick	234
2nd low gross -	Bill Bowen	234
1st net -	Bob Moote	205
2nd net -	Kimmo Solonen	208

Associate Members

1st low gross -	Doug Heron	238
2nd low gross —	Rod Hermitage	211



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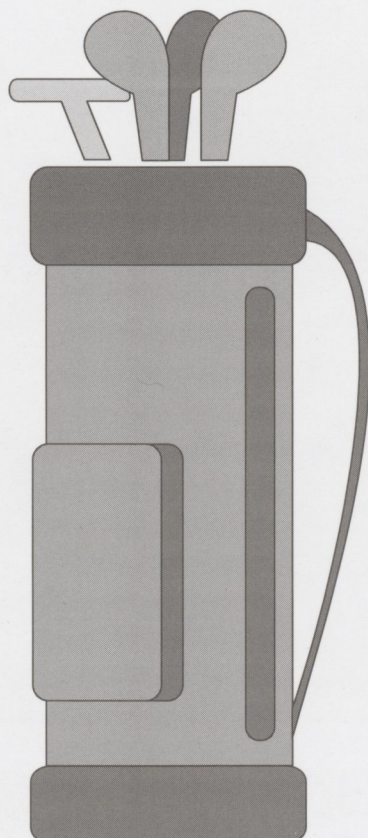
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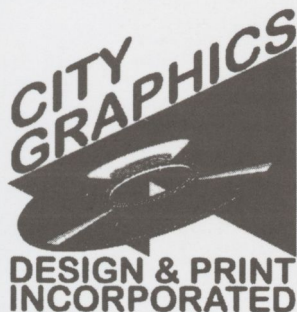
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Golf Trivia

1. How old was the oldest man to shoot his age on a regulation course: 56, 59 or 62?
2. What far east golf course was built in 1891 by Scottish Juke Traders: The Bali Country Club, The Singapore Golf Club, or The Shanghi Golf Links?
3. What is required to declare that a ball is lost in a hazard rather than being simply a lost ball?
4. Name one of the golfers who won both the U.S. and British Opens in the same year. There are five.
5. What is the record for the fewest putts in an L.P.G.A. round: 26, 21 or 19?
6. He once won 5 tournaments in 8 weeks, including the 1973 British Open.
7. The Bauers were the blonde glamour sisters in the early days of the L.P.G.A. What were their first names?
8. He was the U.S. Open Champion in 1913 who convinced the average man that golf wasn't just a rich man's sport.
9. He is considered responsible for the resurgence of the British Open in the early sixties.
10. What golf equipment manufacturing company did Jack Nicklaus buy?

Golf Trivia 1984 Cal-Games Inc.



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New Members to July 31.

Terry Magee	Class F
Richard Leadbetter	Class S
Tracy Fowler	Class F
Paul Brown	Class F
James Scott	Class F
Greg McLinton	Class B
Kevin Inglehart	Class S
Ken Johnson	Class B
Terry Gale	Class F
Gary Stairs	Class F
Bill Thornton	Class B
Todd Davey	Class S
Randy Booker	Class B
Bill Greaves	Class E
Kent McDonald	Class E
Tami Packham	Class E
Tim Baxter	Class F
Natalie Arms	Class F
Dave Svab	Class F
Michael Sammon	Class F
Dave Kechnie	Class F
Ed Robinson	Class F
Steve Saunders	Class F
Randy Middle	Class F
Doug Breen	Class F
Debbie Dale	Class F
Karen Fochuk	Class F
R. Scott Heron	Class F
Boyd Barr	Class E
Sylvie Moreau	Class E



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QUOTE...

First you forget names, then you forget faces,
then you forget to pull up your zipper, then you
forget to pull down your zipper.

- Leo Rosenberg

Golf Trivia Answers

1. 59 (2 persons)
2. The Singapore Golf Club
3. "Reasonable evidence" that it was lost.
4. Trevino, Jones, Sarazen, Hogan and Watson.
5. 19. Beverly Klass
6. Tom Weiskopf
7. Alice and Maureen Bauer
8. Ex-caddie Francis Ouimet
9. Arnold Palmer
10. McGregor

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ALL THINGS CONSIDERED IT'S STILL JUST A GAME

by James Francis Moore
Director, Mid-Continent Region,
USGA Green Section

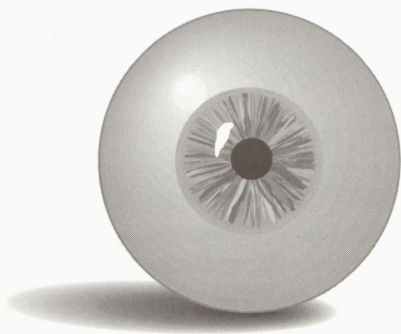
I don't know about you, but I'm beginning to fear
That much has been lost from the game we hold dear.
The players, it seems, have made the decision.
The course must be made a thing of precision.

Each line must be perfect, greens pool table true,
The bunkers consistent, the sand white and new.
Each hazard once different, must now play the same,
There simply can't be any luck in this game.

The rub of the green, bad hops and tough lies,
Are signs of bad care in today's golfer's eyes.
Let's fire the course super, and hire one we know
Has control over Nature, who can force grass to grow.

I think I can prove my point to you all,
By briefly discussing a visit last fall.
To a course, I am sure, you would all recognize,
It's been on TV - the ultimate prize.

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As an agronomist for the USGA, my routine was the same
On this fine autumn day,
The group was assembled, for the tour of the course,
The superintendent and me, and the Committee in force.

One lady, two seniors, three flat bellies and more,
I'd have to be careful, I could start a war.
There were few shared opinions in this group I could see,
So with great trepidation, I stopped at one tee.

Just look! they exclaimed, our tee's thin and bare.
Well, it's too small, don't you see, and just look up there.
While the tree is truly a beautiful sight,
The grass on your tee doesn't get enough light.

They gasped and fell back - why, one nearly died.
Are you saying that we should commit arborcide?
I promise the memory of this tree will soon pass
When you once more can tee up your ball on the grass.

They scowled and they glared, all down in a hunker,
To heck with the tees, let's look at a bunker.

The traps all play poorly, said Flat Belly Three,
This sand must be bad - it couldn't be me.
Our sand is just fine, the lady next said.
The seniors agreed it was all in his head.

No feathers were smoothed when I tried to explain,
That the bunkers are hazards, and that part of the game
Is to develop a feel for sand dirty or clean -
But the committee had already left for the green.

They're too slow.
They're too fast.
They're too soft.
They're too hard.
They're too steep.
They're too flat.
They're worse than my yard.

I tried to explain, their greens were quite good.
In fact, the ball rolled just as it should.
And that actually, their course was much better than most.
When it came to the game, they surely should boast.

Of conditions that offered a great deal of fun,
For mother or daughter, for father or son,
But this fell on deaf ears, for they just couldn't see,
That it's still just a game, and always will be.

The visit then came to an uncomfortable close.
I fear all I did was add to their woes.
They just couldn't see the good things that they had.
They'd lost their love of the game, and that's pretty sad.

My kids are just starting to learn how to play,
A game that has given me much through this day.
They'll learn to enjoy a shot that's hit well,
They'll learn that short putts can be living hell.

But they'll also learn that golf is much more,
Than a four-hour walk and posting a score.
Sure they'll beat it around, but when they are done,
I hope that like me, they'll find it's great fun.

Green Section Record, July/August 1995

European Chafer

by Pam Charbonneau, OMAFRA Turfgrass Advisor

European chafer (*Rhizotrogus majalis*) is in a family of insects called the Scarab beetles. Other turf pests in this family include Japanese beetle, June beetle and Black Turfgrass Ataenius. The larvae of European chafer are called grubs and they are the most common grub found in turfgrass in southwestern Ontario.

Description

Mature adult European chafers are a medium sized, fawn coloured beetle. They are slightly smaller in size than the June beetle and they can be distinguished from adult June beetles by the absence of a distinct tooth on their tarsal (foot) claw.

The grubs of European chafers have a brown hardened head capsule with three pair of true legs and have a characteristic C-shape. They can be distinguished from other scarab beetles by looking at the spines on the raster (hind end). The spines on the raster of the European chafer are parallel, diverging to a V-shape toward the far end.

Damage

Adults of European chafers are short-lived and do not feed to any great extent. Grubs of European chafers feed on the roots of all common species of turfgrass. Patches of grass turn brown and die as a result of grub feeding. The dead grass can be easily pulled out by the crowns because of the absence of roots. On a non-irrigated turf 5-10 grubs per sq. ft. can be tolerated and as many as 20 per sq. ft. on irrigated turf. Secondary damage to turf caused by skunks, birds and other small mammals digging for grubs is often more extensive than the feeding damage caused by the grubs.

Life Cycle

The European chafer has a single generation per year. Mature grubs (third instar) overwinter in the soil down below the frost line. During the larval stage, grubs pass through three molts. The stage between molting is referred to as an instar. In April to mid-May they move up to the soil/thatch interface and feed until they pupate in mid to late May. In mid to late June the adults emerge with peak flight activity in late June. Females congregate at night in large numbers on broad-leaved trees to mate. After mating females lay eggs in the soil usually on the south-west side of large trees with each female being able to lay 25-50 eggs. Small larvae (1st instar) hatch in roughly two weeks and begin feeding and feed continuously until late fall when they migrate below the soil to overwinter.

Control

A few points to keep in mind when planning your control strategy. The first step is to monitor for grubs. Once you have established that you have grubs, you must

correctly identify them. Knowing their life cycle will allow you to determine the time for control based on their vulnerable stage.

Monitoring for the presence of European chafer grubs should take place during the month of August. Control of early larval stages with insecticide should begin in mid to late August and may continue throughout the fall. A spring treatment after monitoring for the presence of the grubs at the soil/thatch interface may be warranted in early April to mid-May, however late summer to fall treatment is preferred. First instar grubs will move up and down in the soil seeking moisture. During a drought, they will be down several inches and insecticide treatments will not reach them. Consult **O.M.A.F.R.A. Publication 384, Recommendations for Turfgrass Management** for current insecticide recommendations. When insecticide control is warranted, it is preferable to apply it to turf that has been watered and it is very important to water the insecticide in after treatment to a depth of 2-4 cm. depending on the amount of thatch.

The best defense against grubs is to maintain healthy turf with a good root system. Insuring adequate aeration, proper mowing, fertilization and irrigation will greatly enhance the turfs ability to withstand grub feeding.

TRUST

Professional Credibility

Definition: The feeling that someone will not cheat you or lie to you.

O, Dear Lord, who can we trust in these hazy times? The corner druggist is our best bet. Funeral directors, bankers and journalists also earned high marks for honesty. Clergyman did well, but they were edged out by M.D.'s and dentists.

The Odds: Below are the odds that the following professionals will be held "in high faith" by the average person.

Druggist	1 in 2
College Teacher	3 in 5
Dentist	2 in 5
Medical Doctors	2 in 5
Clergyman	19 in 50
Policeman	37 in 100
Bankers	23 in 100
Funeral Director	1 in 5
Journalist	1 in 5
TV Reporter	19 in 100

PESTICIDES IN PERSPECTIVE

BY PAUL WHITE

Ecology and Turf Management are working toward compatibility, seeking a balance between the needs of the environment and the needs of the public. In order to achieve a solution we begin with a set of objectives. The Ministry of Environment and Energy has updated their requirements in the area of pesticide application. On June 27, 1995, I was invited to attend a stakeholder consultation meeting, hosted by the MOEE, representing the OGSA and its' members.

In the eighties and nineties those in the position of applying pesticides have become more and more like pharmacists, having need of considerable knowledge to fill the required prescription correctly. This prescription can be toxic in nature. Following extensive consultation with industry associations, the MOEE is proposing to revise the existing pesticide licensing system to reduce the number of classes of pesticide licenses and provide a more comprehensive education program for commercial pesticide applicators. This includes retraining every five years. The planned revisions are consistent with the ever widening public awareness of the potential hazards and the national guidelines of pesticide education. These guidelines are developed by a federal task force. Insurance requirements were also reviewed and amended.

Working as closely as possible with the Ministry in adhering to these guidelines will be a top priority. In order to meet our objective of safe pest management, and using the least toxic approach we must insure accurate application of, responsible storage of, and safe disposal of chemicals. We must seek always to sustain this profession by engaging in practices that are not harmful to the earth, not harmful to the public and not harmful to future generations.

SUMMARY OF PROPOSAL

OPERATOR'S LICENSE: as an owner or manager of a pesticide application company. He will have two million in liability insurance and is not required to write an examination. He cannot prescribe pesticide application.

TECHNICIAN'S LICENSE: will require training and must pass a basic examination covering the safe use

and handling of pesticides. Certified technicians cannot perform the following duties:

- product recommendations
- selection of application method
- rates of application
- mixing, loading and use of schedule 1 and 5 pesticide products
- application of schedule 1 and 5
- certified technicians must carry their certificates while on the job
- certificate is valid for one year, renewed only once following a successful repeat of exam
- at the end of two years, the certified technician would need to obtain Extermination license

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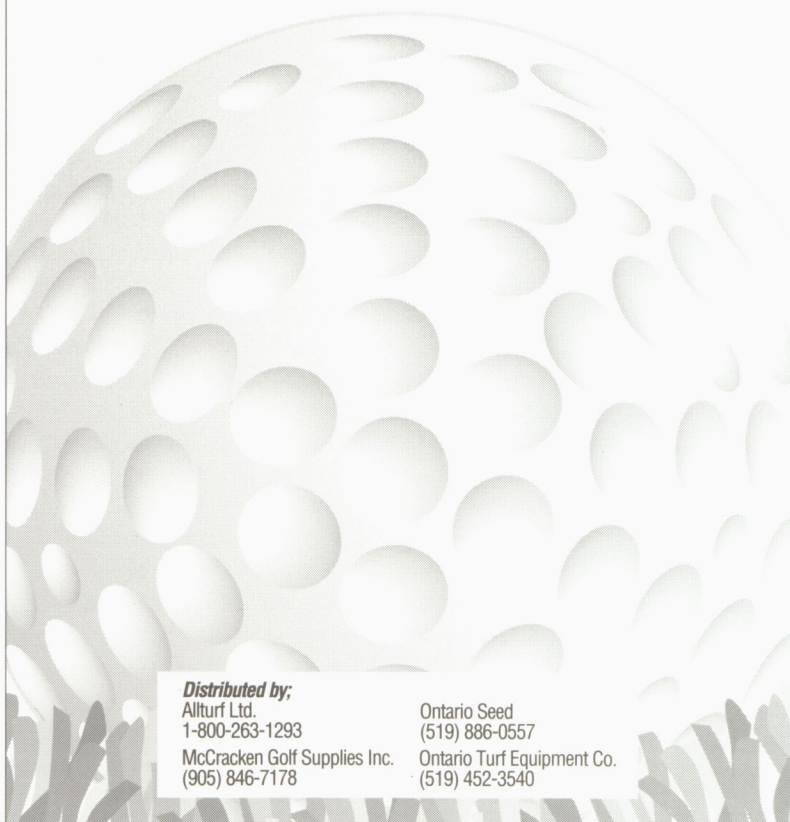
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PESTICIDES IN PERSPECTIVE

TRAINING REQUIREMENTS EXTERMINATOR'S LICENSE:

All new and existing exterminators must undergo training and pass examination.

MOEE will no longer offer study packages and exams. This activity will be carried out by Ridgetown College of Agricultural Technology (RCAT). Estimated cost of each class of license is \$95.00.

A new improved curriculum has been prepared and will be in modules, there will be a core module that covers topics common to all licenses and individual modules for each class of license.

RCAT will distribute the modules and other certification materials, provide telephone support for curriculum information and schedule participants to write their certification examinations. Examinations will be conducted by RCAT throughout the province at a frequency sufficient to meet the demand.

RCAT will issue certificates to those who successfully pass the examination

Once participants have obtained their certificate from RCAT, they must apply to MOEE for an exterminator's license. Licensed exterminators will also be required to undergo re-certification (retraining) every five years to renew their license under the proposed system. MOEE will be consulting further with stakeholders on the process of re-certification.

IN SUMMARY

These proposed changes will be phased in as extermination licenses expire. You will be given ample notice that you must take the certificate course from Ridgetown to be able to present the certificate to the Minister at the time of license renewal. In my opinion this new programme has been well thought out and will benefit all users and those coming in contact with pesticides.

Paul White is Course Superintendent at Mississauga Golf & Country Club.

Purple Loosestrife Under Attack!

Over a century ago this troublesome weed invaded North America from the balasts of European freighters. Since then it has run rampant through our wetlands with no natural predators to hold it in check, choking out indigenous species of plants and the fauna dependent upon them. Herbicides and mechanical removal have proven costly and ineffective. Recently a species of tan coloured beetles has been introduced to restore the natural balance and give the home grown plant varieties a fighting chance. These insects have been under study for a few years and have not been found to go "off target" looking for lunch among native plants. Some test sites have been under observation and a significant improvement has been noticed.

University of Guelph biologist, Jim Corrigan, has released some of the insects in a local wetland and is encouraged by the results. Corrigan has been experimenting with two species of the leaf eating insects over the last two years in two parts of southeastern Ontario. He has estimated that within ten years, if the loosestrife is not controlled, the native plants would be completely choked out. He is encouraged that the beetles have taken hold in seventy percent of the sites so far.

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Public Relations Committee Report

by Jerry Richard

As a new committee on the O.G.S.A. Board of Directors, we need to know how the membership feels about the Association and what the Board can do to provide better service.

An issue that we have decided to address is the need for enhanced communications between the different golf associations and societies within the province. In a perfect situation, we would all understand each other. Imagine a "council" of representatives, one from each golf association in Ontario; from the O.G.A. and the O.G.S.A., club managers, pros, owners, architects - all learning from one another with the ability to speak for the golf industry when necessary. This committee would like to know the O.G.S.A. membership's opinion of this issue.

Recently, the Green Chairman/Superintendent Tournament was hosted by Bill Fach at the beautiful Rosedale Golf Club. An extremely popular event when it was a 4-man format, several entries always had to be put on a waiting list because of the 36 team limit (maximum 144 players). This year the event was changed to a 2-man format because of Rosedale's 120 player limit. This format also entitled more teams to enter. However, only 48 teams participated. Why was attendance low? ... cost? ..., timing? Should this event be changed back to a 4-man format? If so, should the club managers be included? The committee would like to hear from you.



DON'T FALL INTO AN OLD TRAP

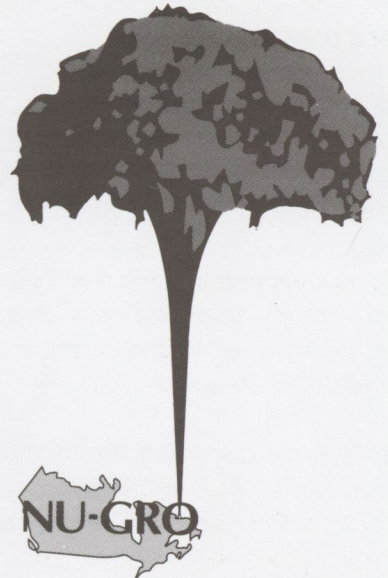
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GREEN CHAIRMAN & SUPERINTENDENT TOURNAMENT

BY PAUL WHITE, COURSE SUPERINTENDENT

This annual tournament was held July 17th at the Rosedale Golf and Country Club. There were forty teams in attendance from all across Ontario.

We played Bill Fach's immaculately groomed golf course, in full sun and searing heat, after a wonderful barbecue feast, prepared for us on the club house patio. The view was magnificent, looking down the first fairway.

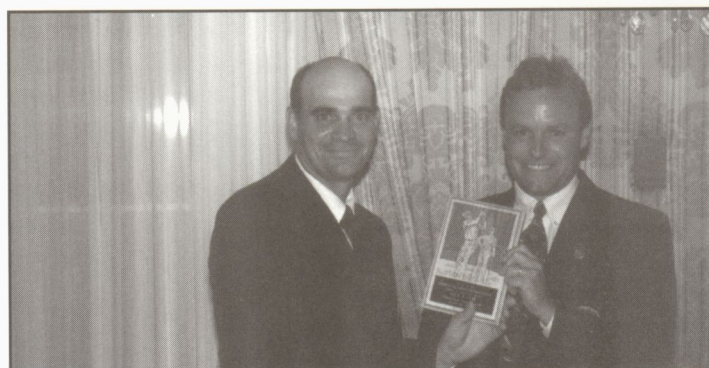
After a gourmet dinner of pork tenderloin and all the trimmings, we settled in for a short talk and brief question period with David Otis, the USGA Agronomist. David gave a slide presentation, describing the "ten deadly sins", of golf course maintenance.

Winners for the day were as follows:

- 1st low gross, Brampton Golf Club
- 2nd low gross, Bay of Quinte Golf Club
- 3rd low Gross, Galt Country Club
- 1st low net, Oakdale Golf Club
- 2nd low net, retrogression Mississauga Golf & Country



Rosedale Holes #1 & 18



Bill Fach Receives Plaque from John Taylor



Bill Bowen Memorial Trophy and Prize Table



Bill Little and Warren Vout Receive
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C.I.L./McCracken Softball Tournament

BY EVERETT NIEUWKOOP

The annual C.I.L./McCracken slow pitch softball tournament was held on Saturday July 22 with 24 golf course teams competing. The "A" Championship saw two Kitchener rivals slug it out with Foxwood edging last years champs, Rockway, by a score of 16-14. Rockway threatened in the bottom of the ninth with bases loaded and two out but Foxwood held on to get the win.

In the "B" Championship the town of Grimsby defeated Donalda 20-13. Local turf suppliers mustered a team of misfits winning three games and losing to the 1995 Champions, Foxwood in the semi finals.

Next year looks to be bigger and better so get your team ready early for Saturday July 20, 1996.

Quote...

Two stonecutters were asked what they were doing. The first said, "I'm cutting this stone into blocks." The second replied, "I'm on a team that's building a cathedral."

- Old Story



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A RIVER RUNS THROUGH

BY GORDON WITTEVEEN

OF THE BOARD OF TRADE OF METROPOLITAN TORONTO

Starting as a trickle just south of Lake Simcoe, the Humber River flows through farmland, growing in width and depth, to the shores of Lake Ontario. Before Ontario was settled, it was used as a route by early explorers. Etienne Brule was the first white man to travel down the Humber in September of 1615 on his way to discover Lake Ontario. We can imagine Brule as he entered the valley where our golf courses are now located.

Picture a spread out plane between forested banks, covered with towering white pines, beeches and maples. The river was teeming with salmon and plentiful beavers chewing on sapling. Trumpeter swans floated gracefully in ponds and deer bounded through the bushes. For Brule and his Indian companions, living off the land was just a matter catching their supper and cooking it on campfires. Perhaps they made an overnight stop where a small tributary joins the main river near what is now the ninth green of the West Course. It would have been a natural resting place, in the shadows of a steep hill where our eighteenth tees are presently located.

Golf was no doubt the furthest thing from Brule's mind as he camped on the Humber. But just like our present day visitors, he must of enjoyed the peace and tranquillity of the landscape. It was a brief respite before he had to deal with his ambitious master, Samuel de Champlain, and the warring Indian tribes.

Our present day golfers, who come to the Humber Valley to find reprieve from the bustle of Toronto,

fortunately have more to look forward to. They absorb the beauty of the shimmering waters in the sunshine as it flows over the rocks along the 9th hole. They watch the quick flowing stream as they cross it on the bridges. They feast their eyes on much of the same landscape that Brule struggled with almost 400 years ago. For although much of the Humber has changed between Lakes Simcoe and Ontario since the early days, the valley in Woodbridge, which the river meanders through, is still very much the same.

The land around us has been developed and is covered with houses and shopping malls. The river is crossed by wide bridges that carry thousands of cars daily. To the south the river shows all the scars and scrapes of modern civilization, but on our golf courses, the banks and the stream, the trees and the grass and even the occasional wildlife still provide poetry to those that are blessed and able to recognize it.

If it were not for the golf courses, and the foresight of those who saw the courses as a means of preserving the valley, the river would long since have been commercially exploited! Not just the golfers, but all the people that walk, cycle and drive along Clarence Street, enjoy the trees, the grass and the waters of the Humber River for just a little while. Just long enough to experience this stimulating tonic to their mental well being. It is yet another contribution that golf makes to the community.

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O.T.R.F. Tournament

by Paul White

The annual fund raising tournament, for the Ontario Turfgrass Research Foundation, was held at Spring Lakes Golf Club, in Stouffville. The popular occasion fell on July 31st. Mac Frost hosted the function, on a beautiful, clear, sunny day, with the temperature exceeding 33 degrees.

A big tent, on the field beside the golf course served as our launching pad, where we began the day with barbecued hot-dogs and Italian sausages. While the eager beavers were waiting to play, they were given an opportunity to qualify for the hole-in-one competition. This consisted of hitting the green 100 yards away. Those who stayed on the green were given the opportunity to compete in the "closest to the hole" after dinner.

Prize Winners:

1st Low Gross	Jay Evelyn	71
2nd Low Gross	Doug Cherry	73
Best Ball Team	Randy Booker & Paul Dermott	60
1st Low Net	Jason Lee	54
2nd Low Net	Ross McEwen	61
Longest Drive	John Stein	
Closest to the Hole	Randy Booker & David Wyllie	
Vigoro/Par Ex Golf Clubs	Louis Rivard & Doug Amos	

After a round of golf on Mac's wonderful course, we sat down to a great steak dinner, catered by the Industry Suppliers. A great round of applause goes out to the following list. We thank you for your contribution in making this a profitable event for Turf Grass Research in Ontario. Those of us who were "not hot", on this particular day, were given an extra opportunity to win in the lucky draw.

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ISK Biosciences	birdies & eagles
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Green Cross	hole prizes
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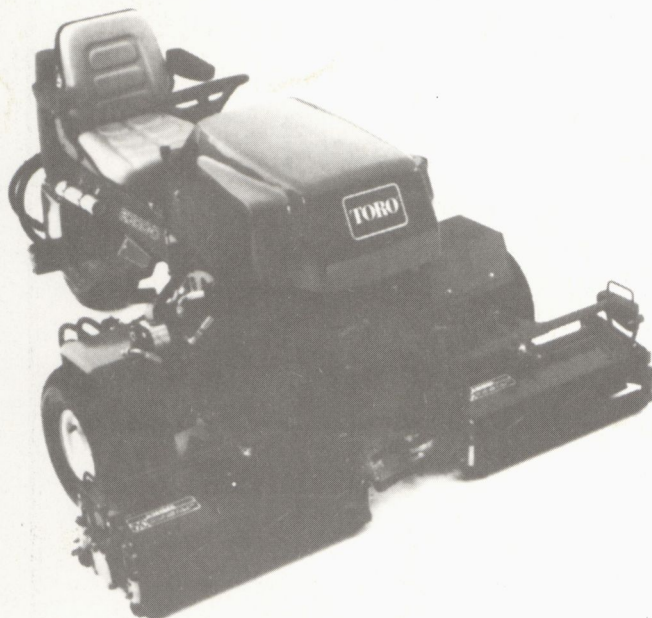
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