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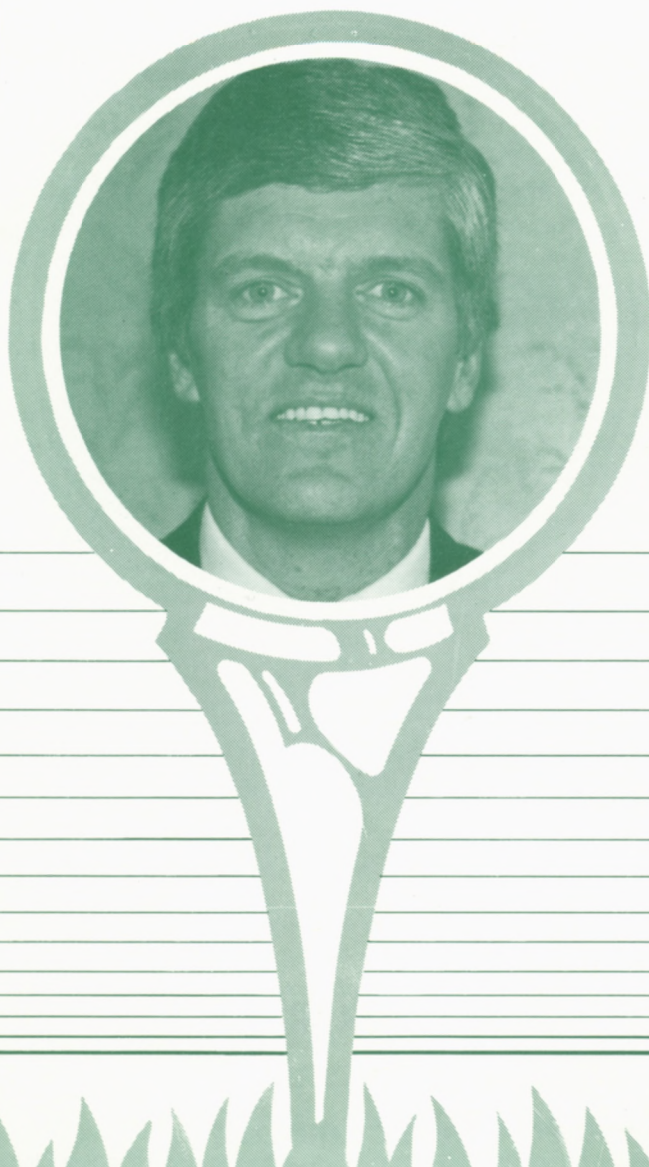
MARCH 1987



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OGSA Tournament Chairman, Thom Charters (right), presented the OGSA Low Gross Trophy to Hugh Kirkpatrick from Westmount. Hugh managed to accumulate the lowest gross average in the 1986 OGSA golf events. Congratulations Hugh (but I want more strokes).



Incoming OGSA President, Robert Kennedy (right), presented Barry Endicott with a plaque recognizing his hard work and efforts as 1986 OGSA President.

### On The Move

Thom Charters  
Jerry Richard  
Brian Gouthro

From Islington G.C. to Weston G.C.  
From Brooklea G.C. to Toronto G.C.  
From Board of Trade to Tyandaga G.C.

### CONGRATULATIONS!

To Craig Evans for the recent addition to his family as well as achieving Certified Status (C.G.C.S.)  
To Barry Britton for his newest family member.  
To Ted Ellis for attaining Certified Status.

### NEW MEMBERS

Bruce Clark, Midland G.C. — Class B  
Mike Cote, Buttonville G.C. — Class B





Thank You **Dave Gourlay**, you came through for me again. For the record, this photograph was taken at the Royal York Hotel in Toronto during the last GCSAA Conference to be held in Canada, in 1961! Dave identifies the people as follows: Standing (left to right)

**Jimmy Firth** (deceased) Lakeview Golf Club, Mississauga

**B. Donovan** O.G.A. representative

**Art Dodson** (retired) Maple Downs Golf Club

**Elwood MacArthur** (deceased) Scarborough Golf Club

**Tom Unsworth** (retired) Toronto Ladies, then St. Thomas G.C.

Seated (left to right)

**Carl Wagner** (retired) Lambton G.C., then Brudnell G.C. PEI

**Dave Moote** active superintendent in Florida

**Keith Nisbet** Westview Golf Club

**Bill Bluett** (deceased) Mississauga Golf Club

Dave also mentioned most of these people comprised the 1959-1960 OGSA Board of Directors.



## NEW REGION 2 DIRECTOR

John Taylor, from the Twenty Valley Golf Club in Beamsville, has filled the vacancy on the OGSA board of Directors created when Hugh Kirkpatrick completed his term as immediate Past President. John served as the assistant superintendent at Twenty Valley for one season prior to accepting the superintendents position in 1982. John is a graduate of the 2 year golf course technicians diploma offered at Seneca College. In his spare time, he enjoys playing hockey, golfing, downhill skiing and taking vacations. Welcome to the Board, John.



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# GCSAA – OGSA SEMINAR 1986



**OGSA-GCSAA Seminar**  
Dr. Stephen Hazel (left) and host **Blake McMaster**



**Business Communication & Assertiveness Techniques Seminar**

Participating superintendents included Stuart Mills CGCS (right) and Thomas Charnock from New York State.

## BUSINESS COMMUNICATION AND ASSERTIVENESS TECHNIQUES

The 32 superintendents, assistants and industry representatives in attendance at this seminar, jointly sponsored by the OGSA and the GCSAA, were treated to a truly refreshing educational session. The psychologist in charge of the seminar, Dr. Stephen Hazel, hails from the Department of Human Development, University of Kansas. Dr. Hazel has lectured numerous superintendents associations concerning managing stress, setting goals (both personal as well as professional), developing and improving communication skills as well as problem solving techniques.

My personal observation was that most successful superintendents already possess most of the skills Dr. Hazel discussed without necessarily understanding the mechanics of our actions. Since Dr. Hazel broke the actions down into a structured process, attendees now have the ability to analyze their actions should a communication breakdown occur or a problem arise. This will enable them to correct the situation quickly, minimizing the potential damage.

Negotiating skills were also discussed briefly. The immediate benefit that comes to mind is personal contracts but there is so much more to negotiating. Every day, we negotiate with our children, wives, husbands, employees, salesmen, etc. . . .

I thoroughly enjoyed Dr. Hazel's seminar and would recommend it to any person wishing to improve their personal and professional image.

Special thanks to Seminar Organizer, Thom Charters, for his excellent preparations (as usual) and Blake McMaster for extending the hospitality of the Brampton Golf Club's facilities.



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# News From The Valley

by Alex LaBelle

December 24th brought not only Santa Claus but also one of the worst ice storms in recent memory to the Ottawa valley.

A freezing rain began around 6:30 p.m. and lasted for about 24 hours. Over night the valley was transformed into a crystal sculpture; beautiful but devastating. Some areas of Ottawa, which was hardest hit by the storm, were without power for two days. Wood stoves roared while Christmas dinners were prepared on gas barbecues. The ice on the roads melted but everywhere else was frozen as temperatures remained below zero for a week. Fields of young birch twenty feet high were bowed to the ground like a croquette wickets for over a week under the weight of the ice.

I was speaking to Doug Rothwell, Superintendent of the Royal Ottawa Golf Club and President of the Ottawa Valley Turfgrass Association. The ice did not affect them too much. Tree damage was restricted to weak specimens such as willows and poplars, thanks to Doug's pruning program.

Doug is very pleased with the list of speakers for the O.V.T.A. winter seminars to be held on February 9th and

10th. Lectures by Dr. Elliot Roberts from Tennessee, Dr. Martin Petrovic of Cornell, Mr. Ray King of the Ottawa Weather Office and Ms. Gale Friedlander speaking about the images we present will be on the agenda for Monday the 9th. Tuesday will start with a Toro service school for golf course mechanics followed by a section for commercial machinery in the afternoon. David Gourlay from the Toronto Ladies Golf Club will speak on soils in the afternoon, providing a topic of more concern to Golf Course Superintendents. The two day program will allow those far removed persons to attend and it should prove very interesting and informative.

Dick Woodward, just down the road at the Rideauview Golf Club, has his fingers crossed for an automatic watering system for next year and I can sympathize with him. I saw one go down the tubes at the Midland Golf & Country Club by one vote and on courses with as heavy a soil as Rideauview and Carleton, water application is every bit as important as drainage. In fact a manual system, as many realize, can undermine even the most meticulously planned drainage program. Rideauview's winter

project, a cedar bulkhead around the 15th pond, was put on hold for a week while the crew performed a quick clean-up of whatever downed branches were not stuck in the snow. Dick is looking at a lot more of the same in April.

Old trees and the dense ice laden branches of the pines suffered the greatest damage at our club. Fortunately a six inch layer of snow held the ice above the ground. Our first concern next year will be an extensive aerification and topdressing of our greens, tees and trouble spots. This will be co-ordinated with a 17,000 foot drainage project. Last year's deluge presented our inadequacies in this area quite graphically. Our only official construction project consists of raising the first tee and practice range tee above the drainage problems (after we've corrected them), gaining some length (where possible) and splashing some natural colour around.

Other than the one brief episode at Christmas, the weather has been good to us so far. Already golfers are murmuring about an early season. It looks as if the whole valley may be hard at it sooner than expected.

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— Bob Heron, course superintendent, Mississauga Golf and Country Club, Mississauga, Ontario, Canada.

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# PYTHIUM BOOT DYSFUNCTION AND THE BIOLOGY OF HIGH SAND CONTENT GREENS

Clinton F. Hodges  
Professor of Horticulture and of Plant Pathology  
Department of Horticulture  
Iowa State University, Ames, Iowa 50011

A *Pythium* disease of creeping bentgrass has been recognized that attacks the roots of plants grown in high sand content greens. The disease occurs primarily on old golf courses where the greens have been rebuilt with sand; the disease is rarely found, however, on newly constructed golf courses with sand greens. Creeping bentgrass, established on renovated greens in the fall of the growing season, grows well and establishes a good cover by winter. The grass grows well during the mild periods of spring and early summer of the following year. With the arrival of hot, humid weather, the turf begins to die in a pattern typical of *Pythium*-induced "cottony blight" or "foliar blight". Close examination of diseased plants, however, fails to show any *Pythium* infection of above ground portions of the plants.

Examination of root systems of diseased plants reveals white, normal appearing roots that are field diagnosed as being healthy. No lesions or rot are present on the roots. When such roots are incubated under laboratory conditions, *Pythium* species frequently grow from the root tips, cortical cells, and vascular system within 6 to 12 hours. The *Pythium*-infected roots can result in the complete killing of a green within 7 to 10 days. Case histories of greens that have been attacked show that the disease may reoccur up to three growing seasons after the first outbreak of the problem. After three years, the disease may cease to be a problem or may occur at a much reduced level of activity.

Research has established that *Pythium arthenomanes* and *P. aristosporum* are the pathogens responsible for the disease. *P. arthenomanes* is the more common of the pathogens and occurs in all regions of the North American continent. This species causes a root rot of cereals in Canada and the northern U.S. and has been a severe pathogen of the roots of sugarcane in the southern U.S. *P. aristosporum* is restricted to the cooler regions of the north central and north-west U.S. and Japan. This pathogen causes snow blight of cereals and grasses in Japan.

Inoculation of creeping bentgrass roots with either *Pythium* species in controlled studies results in a severe reduction of plant growth. Total weight of plants with roots infected by *P. arthenomanes* or *P. aristosporum* is 16% and 32% respectively, of healthy control plants. Examination of roots 3 to 4 weeks after inoculation reveals *Pythium* mycelium in root hairs and in somewhat swollen regions behind root tips. It seems that root hairs and root tips provide the primary sites for infection. Roots examined 8 weeks after inoculation are completely penetrated by the mycelium; the pathogens are found in abundance in the cortex, vascular tissue, and root tips. Some root tips are devitalized and the roots may be slightly buff colored compared to healthy roots. It is remarkable, however, that with the extensive infection of the roots there is no rot and visible lesions are extremely rare. The fact that growth of infected plants is severely reduced and that there are no rotted roots suggests that the reduction in growth of infected plants is due to the inability of infected roots to function properly. Infection may interfere with water uptake and/or other metabolic functions of the root. Because infection seems to interfere with root function, the disease is referred to as a "*Pythium*-induced root dysfunction".

There are, at present, more questions surrounding the nature of *Pythium*-induced root dysfunction than there are answers. There are two questions of immediate interest: 1) Why does the disease occur only on high-sand content greens and almost exclusively on renovated greens on older golf courses? 2) Why does the disease usually decrease in severity after three years? 3) Can control methods be developed

to prevent the disease or to stop it after it has started? The *Pythium* species responsible for root dysfunction are commonly associated with soils in which grasses are grown. They are not, however, known to cause problems in a soil medium. It is hypothesized that the microbiology of sand may be different or inadequate to the extent that there is little competition for the *Pythium* species involved. It is believed that the *Pythium* species may be present in the old collar and apron soils of renovated greens. When the *Pythium* species grows into contact with the sand, it rapidly colonizes the sand and roots are infected. The *Pythium* infected roots may function adequately during mild growing conditions with damage occurring only during periods of stress.

The fact that the disease remains a serious problem for about three years after reconstruction and then diminishes in severity also is suggestive of a sand microbiology imbalance. Over a period of three years, a high-sand green acquires organic matter and probably some wind blown silt. These changes may provide the basis for development of a microbiology more typical of soil. With a larger and/or more diverse microbiology, the potential competition for the *Pythium* species may increase and result in a decrease in their activity and subsequently the disease.

The decrease in severity of disease after three years also may be related to the inability of the *Pythium* species to complete all phases of their life cycle on the roots of creeping bentgrass. Sporangia (asexual reproductive structures) and oospores (sexually produced resting spores) are rarely found in infected roots. Transferring either *Pythium* species to Bacto agar or cornmeal agar results in abundant production of lobate sporangia and oospores. Inoculation of orchard grass (*Dactylis glomerata*) roots also results in production of sporangia and oospores in cortical and vascular tissue. These responses suggest that creeping bentgrass may not be an ideal host for either pathogen. These developmental characteristics also may relate to the decrease in disease severity after three years. If the *Pythium* species survive in creeping bentgrass roots only by vegetative growth and do not produce resting spores (oospores) they may be very vulnerable to the environmental and microbiological changes that probably occur in the sand over time. Other factors that stimulate the disease may include excessive irrigation and fertilization of sand greens, and potential mechanical injury of roots by sand particles.

Control of *Pythium*-induced root dysfunction is not promising with present technology. Contact and systemic fungicides specific for *Pythium* species are not effective for control of root dysfunction. The primary problem is that there is no effective means of getting the fungicides in the root zone and there also is some question as to their effectiveness in the root zone. At present, intense aeration with application of the fungicides into the aerifier holes may slow the disease, but this procedure will not stop the disease. Wetting agents in conjunction with the fungicides have sometimes proven useful. It also has been observed that decreasing irrigation to an absolute minimum may slow the development of the disease. Unfortunately, our experiences to date indicates that most efforts to control the disease chemically are futile and on most diseased greens the turf must be reestablished after the stressful period of the growing season.

## Acknowledgement

The research conducted at Iowa State University on *Pythium*-induced root dysfunction of creeping bentgrass has been partly supported by a grant from the O.J. Noer Research Foundation.



# 20 Years Ago Today

by Barry Endicott



In 1967 the directors of the OGSA were: Bob Moote (pres.), Dave Gourlay (vice), Bill Hynd (sec.), Dave Moote, Gord Witteveen, I. Williamson, John Grighmire, Whitey Jones, Jim Wylie, Alex Chisholm and Herb Creed.

New members were Carl Disney, Whitby Golf Club; Ross Haines, Humber Valley Golf Club; Paul Dermott, Chinguacousy Country Club; Fred Klomp, Detonia Park Golf Club; Ed Orlieb, Bayview Golf Club; Mike Donahue, Don Valley Golf Club; Louis Formosa, Lakeview Golf Club and Jerry Rietveld, Pleasant Valley Golf Club.

Meetings were held at Credit Valley Golf Club hosted by Doug Suter. First low gross was Bill Hynd with an 83 and the guest speaker was George Clifton, the pro at Pine Valley Golf Club. On June 12 there was a meeting held at St. Georges Golf Club hosted by Bill Hynd. St. Georges will be the 1968 host of the Canadian Open and the course was lengthened to 7,000 yards by buiding 4 new greens and some new tees. The McClumpha Tournament was held at Aurora, hosted by Whitey Jones with Bill Bowen winning the

tournament with a 76. On February 15 there was a Western/OGSA joint meeting held at Dundas Valley Golf Club. Fred Grighmire, Superintendent was absent because of a car accident but his son John, from the Beverley Golf Club, acted as host on his father's behalf. On January 10 there was a meeting held at Tam O'Shanter. On November 14 there was a meeting held at Markland Wood Golf Club hosted by Bruce Woolley. Bill Hynd was the winner of the GCSA tournament held at Carling Lake. On Tuesday November 28, Manley's Annual Conference and Equipment Show was held. September the 19th, the first Turf Conference organized by the OGSA was held at the Oakdale Golf Club. Bill Hynd also won the Western's Taylor Barnes Tournament at the Port Colborne Golf Club hosted by Superintendent Bill Robertson (Bill Hynd had quite a year!). There was also a meeting at Westmount Golf Course hosted by Herb Creed in August.

The GCSAA Conference was held in Washington on February 5 and Keith Nesbit's name was submitted as a candidate as director in the GCSAA. The RCGA Turf Conference was held at the Skyline Hotel on March 15th. The OGSA annual dinner was held at the Northwood Golf and Country on March 31st. The Greensmaster, formerly belonging to the OGSA, was sold to the CGSA for the sum of \$1.00 (one dollar). It will be the official publication of the CGSA.

Jim Wylie, former Superintendent at Bayview Golf Club passed away at the age of 57 on January 17 after a short illness. Alex McClumpha also passed away. He was farming the old York Downs course when it was purchased for a golf course. He then worked for the architect as the course was being built. He then stayed on as Superintendent. Alex later moved to Elms Golf Club Weston and later Thornhill Golf Club where he retired in 1963.

Congratulations were sent out to Bill and Alice Hynd on the birth of their daughter. Rene Muylaert, who for 5 years was Superintendent at Chinguacousy Country Club, left the business as a golf course superintendent and became a golf course architect. There was a Superintendent position advertised at St. Andrews Towers Golf Course in Willowdale.



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# Condition of Course Often Goes Unnoticed

by Mike Ward, Peterborough Examiner

Now that we're well into the summer months, avid golf fans eagerly await each weekend's televised golf tournament with great anticipation. With unrequited awe they marvel at the precision shot making, the slow building drama which climaxes on the 18th green and Ken Venturi's golf tips.

Sometimes going unnoticed, though, is the immaculate condition of the perfectly manicured golf course on which the contest takes place. Maintaining a golf course is something that is rarely, if ever, considered or appreciated by those unacquainted with the task.

As an example, let's look at our own Kawartha Lakes Invitational Tournament, held at Kawartha Golf and Country Club. Many long and arduous hours are spent prior to and during the event attempting to achieve near-perfect conditions. Since the maintenance staff cannot do its job during the actual competition, all work is done before the 6:30 a.m. tee-off time and also during the night.

And there's a lot of work to be done. The rough and the mounds around the greens and tees are cut continually as are the fairways. Tees and aprons are cut daily at five-eighths of an inch. And the greens are cut once after each day's play and again before play resumes the next day.

This double cutting (at nine sixty-fourths of an inch) provides the closest thing possible to a perfect cut. Pin placements are moved each evening as are the tee markers. Litter from spectators is collected at every opportunity.

And the last thing done before tee-off time — all dew is removed from the fairways.

Prior to tournament week, all greens are top-dressed with a light application of sand to "true up" the putting surface to provide a smoother and more consistent roll of the golf ball. And all mowers are sharpened to obtain as precise a cut as possible. Watering greens, tees and fairways is done as required, as per usual.

In addition, other preventive practices have been used to insure the health of the golf course. To begin with, cutting a golf green at nearly one-eighth of an inch places the grass under such a tremendous amount of stress that it is literally existing on the edge of disaster. Irrigation, aeration, spiking, brushing, top-dressing, fertilization and disease and insect control are all essential tools used by knowledgeable golf course superintendent and his staff in their constant fight to maintain the critical balance necessary for survival.

With all of this methodical preparation going into the presentation of a golf course for a big tournament, nothing can go wrong, right? Wrong!

The unexpected always happens. In 1984, an electrical malfunction occurred in the greensmower on the second day of the tournament. Time was running out when the problem was finally traced and corrected. But that was minor compared with what happened in 1983.

On the morning of Aug. 1, the final day of the tournament, the biggest storm in three years hit the city of Peterborough and Kawartha Golf and Country Club at 5:15 in the morning. Winds of 95 miles per hour and 1.25 inches of rain in less than 30 minutes literally turned the golf course upside down. Tons of leaves, branches and trunks of trees were down everywhere. Bleachers were overturned and greens were flooded. Power to all buildings was out. I know all of this because I was cutting greens when it happened. Superintendent John Smith and I were trying to seek shelter when a tree with a three-foot trunk was blown down less than 25 yards from us. Surely the tournament would have to be cancelled.

But wait . . . thanks to the hard work from the maintenance staff and a few members who volunteered their services, the golfers teed off at noon. There's no way to foretell a disaster like this, but invariably there is always a way to make sure the game gets played. And the spectator rarely sees more than the ball disappearing into the hole on the 18th green.

This year's Kawartha Lakes Invitational, sponsored by Molson's, takes place Aug. 3-5. Take the opportunity to drop by and see some great golf and a great course.



## Chapter Editors To Be Recognized For Newsletter Work

Editors of eight newsletters were recognized during GCSAA's 58th Annual International Golf Course Conference and Show in Phoenix.

The 1986 winners of the annual GCSAA Chapter Newsletter Contest were selected from the publications of 48 eligible, affiliated chapters by a panel of four highly qualified judges. To be eligible, newsletters must be published by GCSAA-affiliated chapters between September 30 of the previous year and October 1 of the current year.

Within each of three chapter size categories, one newsletter was selected as the best overall. Newsletters were evaluated on overall excellence, appropriate design, editorial judgment and content, scope and quality of writing, and presentation. The size categories were as follows: A — fewer than 30 chapter members; B — 30 to 70 chapter members; C — more than 70 chapter members.

In addition to the three overall awards, judges selected five newsletters for special recognition awards regardless of chapter size. These special categories: best flag design, best cover, best original editorial content, best format and readability, and most improved.

The 1986 award winners to be honored in Phoenix were as follows:

**Category A: Turf Talk**, New Hampshire GCSA, Editor, Barrie Robertson

**Category B: Turf Talk**, Wymont GCSA, Editor, Jane R. Barry

**Category C: The Grass Roots**, Wisconsin GCSA, Editor, Monroe S. Miller

**Best Cover: The Florida Green**, Florida GCSA, Editor, Dan Jones, CGCS

**Best Flag: Northern Ohio Turf**, Northern Ohio GCSA, Editor, Alan F. Clark, CGCS

**Best Editorial: Hole Notes**, Minnesota GCSA, Editor, Warren J. Rebholz

**Best Format: The Mallmark**, Central Illinois GCSA, Editor, Michael Vogt

**Most Improved: The Supervisory Link**, Vermont GCSA, Editor, Michael O'Connor, CGCS



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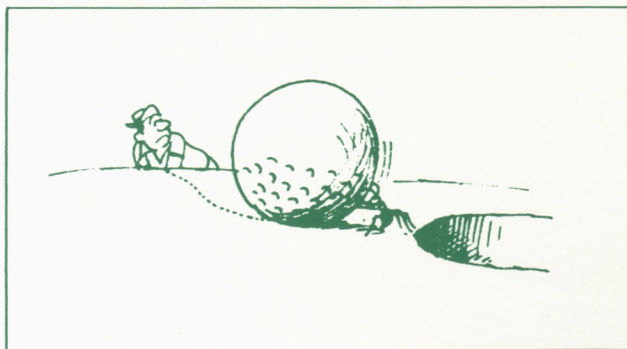


# Georgian Bay Superintendent's Association

With Alex LaBelle's departure to Ottawa, the responsibility of co-ordinating the affairs of the G.B.S.A. has fallen into the capable hands of Ray Richards (Base Borden) and John Hughes (Horseshoe Valley). The golf dates for '87 have been set and are as follows:

June 16	Brooklea G.C. — Midland
Host Superintendent	Neil Acton C.G.C.S.
July 7	Circle Pine — Base Borden
Host Superintendent	Ray Richards
July 28	Horseshoe Valley Resort
Host Superintendent	John Hughes
August 18	Blue Mountain G.C.
	— Collingwood
Host Superintendent	Kim Hanley
September 8	Barrie G.C. — Barrie
Host Superintendent	Ed Doda

The cost for the golf days remain the same as last year — \$15.00! Included in this reasonable fee is your dinner, golf and prizes. A bargain you must agree! Reservation of golf carts is the responsibility of the individual and can be made through the host club's Pro Shop. Simply contact the host Superintendent and inform him that you wish to participate and then show up at 1:00 p.m., clubs in tow, ready for an enjoyable day. It's as easy as that! See you there.



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*Turf Care Products of Markham, Ontario welcomes Bob Golden to its Irrigation Division. Bob has had 8 years experience in the turfgrass irrigation field. Bob's most recent position prior to Turf Care was with the Siddal Irrigation company in Montreal, Quebec. Bob is looking forward to meeting members of the Ontario Golf Superintendents Association.*



# 58<sup>TH</sup> International Golf Course Conference & Show

Sunny Phoenix, Arizona was the sight of this year's GCSAA International Turfgrass Conference and Show. The growth that this conference and show has experienced in the '80's is staggering to say the least. The educational seminars offered during the conference have grown from 6 to 1980 to the 29 offered in Phoenix this year. While the exhibits have not experienced quite the growth of the educational seminars, its size and variety is still most impressive.

Another aspect of the conference that has shown impressive growth is the participation of OGSA members in the proceedings. This year, 3 OGSA members were active in the educational sessions. Ron Heesen gave a presentation concerning Master Planning, Bob Heron, CGCS made people aware of his devastating ice problem and Gord Witteveen explained the advantages of employing a secretary. One other person very visible during the opening ceremonies was Dave Gourlay Sr. Dave was a recipient of the coveted Distinguished Service Award. This award is given annually to worthy individuals, at the discretion of the GCSAA Board of Directors, whom have made significant contributions to the golf course industry. What follows is an article describing David's life and career, which appeared in the January issue of Golf Course Management.

Born in Johnstone, Scotland, in 1923, David S. Gourlay Sr. emigrated to Canada in 1948. It was there that he began his rise to become a highly regarded golf course superintendent — and, in 1987, a GCSAA Distinguished Service Award Winner.



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As an air navigator in Britain's Royal Air Force during World War II, Gourlay first developed a fondness for Canada during his training in the country. After the war he decided to make the country his home.

"In 1948 jobs were extremely hard to get, but I found work at Chedoke GC in Hamilton, Ontario," says Gourlay. "Right away I decided that I wanted to be a golf course superintendent. I've been at it ever since."

A graduate of the University of Massachusetts turf program in 1952, Gourlay was employed as superintendent from 1951 to 1957 at Kapuskasing GC in Ontario. He served as construction foreman and superintendent at Pine Valley GC in Woodbridge, Ontario, in 1957 and '58, and as an assistant at nearby Mississauga G&CC in 1959. From 1960 to 1963 he was superintendent at Summit GC in Ontario.

He has held his current position as golf course superintendent at Thornhill GC in Ontario since 1963. In 1971, he furthered his education by completing the University of Guelph turf program.

Gourlay has had a great influence in the development of golf associations in Canada. The long list of his contributions to those organizations and to GCSAA — and of awards he's received — includes the following:

- Member of GCSAA since 1960, serving on various committees and as a speaker at the 39th International Conference in San Francisco.
- Member of the committee to form the Canadian Golf Superintendents Association (CGSA), eventually holding several offices within the CGSA including that of president.
- Editor of the CGSA publication, *Greenmaster*, for seven years.
- Member of the Ontario Golf Superintendents Association, functioning as president and in other posts.
- Recipient of the Award of Merit in 1977 from the Royal Canadian Golf Association.
- Recipient of the Score Award, which is determined by superintendents across Canada, as the Canadian Superintendent of the Year in 1982.
- Member of the coordinating committee of the Canadian Turfgrass Conference and Show for six years.
- Member of the advisory committee of the Golf Course Technicians Course at Seneca College in Toronto.
- Member of Lions International.

Gourlay's colleagues and peers readily attest to the significance of his many professional contributions and his performance as a superintendent:

- "Dave has always been an outstanding authority in turfgrass maintenance. He has contributed enormously over the years with his articles in turfgrass magazines, his numerous appearances as a speaker at various turfgrass conferences, and as the president of the Canadian Golf Superintendents Association."
- "The contribution that Dave has made to the industry over the years has been gratifying and rewarding — especially for new superintendents eager to learn the business."
- "Dave is proud of his golf course and his profession — and he is one of the most unselfish individuals I have ever known."
- "Dave has been a sincere, dedicated superintendent for over 25 years, and currently is the area's eldest and most experienced member."
- "The most important thing about Dave is that his heart is as big as his front door, and both are always open to anyone in need."
- "Here is a man who puts as much or more back into the industry that has been so good to him."

"I'm very happy about winning this award," Gourlay says. "I'm extremely pleased and proud of the fact that I'm a superintendent in Canada and also a member of the Golf Course Superintendents Association of America. I like to be associated with everybody in the golfing fraternity."



# 1987 ONTARIO TURFGRASS SYMPOSIUM

by Mark Schneider

January 6 and 7 saw over 200 delegates from all over Ontario attend the 1987 Ontario Turfgrass Symposium which was held at the University of Guelph. This popular event has grown through the years to be the second largest turfgrass industry gathering in Canada.

Tuesday's morning session started with a welcome to all attendees from Dr. Freeman McEwen on behalf of the University of Guelph.

Uwe Wicke of the Dale Carnegie Course was the Key-note Speaker with a talk entitled "Working With Winners". This interesting speech touched on the subject of employee motivation and how it can be developed to everyone's advantage.

Dr. Lee Burpee of the University of Guelph discussed some of the many research projects he is involved with and announced the plans for a new Turf Research Facility to be built on Stone Road in Guelph, adjacent to the University. Congratulations Lee from all of us in the turfgrass business. You and your committee have worked tirelessly to see this plan come to fruition.

Pat Tucker of the University of Guelph rounded out the morning session with an interesting talk on uses for ornaments on the golf course.

After a delicious buffet lunch, Warren Bidwell of the Tee 2 Green Corp. gave an intriguing slide show entitled "Turf Around The World". Mr. Bidwell has travelled the globe extensively attending turfgrass meetings, and had some interesting slides showing some of the problems faced by superintendents in other parts of the world.

Closing the first day's session were Corrie Almack of Soil Smith Ltd. and Dr. Clinton Hodges of Iowa State University. Corrie spoke of the importance of soil nutritional balance and how it affects our ability to grow healthy turf.

Perhaps the most interesting speaker of the symposium was Dr. Hodges with his discussion of "Pythium Root Dysfunction and the Biology of High Sand Content Greens". He outlined some of the problems superintendents are having with establishing healthy turf on new sand greens. Some of the slides he showed depicted the devastating and rapid decline of turf quality on rebuilt putting greens due to this pathogen. Dr. Hodges also discussed the effects of the "Black Layer" found in some established putting greens.

Following the last session of the day, there was a reception held in the Facility Lounge for all attendees. This was an excellent opportunity to renew old friendships and talk shop with some of the speakers.

Rod Hermitage of Agturf Ltd. kicked off the Wednesday morning session with a pesticide update and discussed some of the concerns regarding the 2-4,D question.

Stu Mills discussed the many uses of a personal computer in the golf course business in a talk entitled "The Electronic Superintendent".

The rest of the morning session saw Jerry Richard, Doug Hoskins, John Bennet and Golf Course Architect Tom McBroom give excellent presentations on various construction projects they have been involved in over the past season.

The symposium wound up after lunch on a lighter note with the ever popular Gale Friedlander of Images That Suit. Gale's speech on "Personal Power" pointed out some of the reasons that some people are more successful than others. She attributed this to the fact that some people are "achievers", while others are "sustainers". A short question and answer period followed her talk and it was evident that many of us could relate well with what she had discussed.

This year's symposium was one of the most successful ever and many thanks go out to Hugh Kirkpatrick and his committee for an outstanding job. Plan now to attend in '88.

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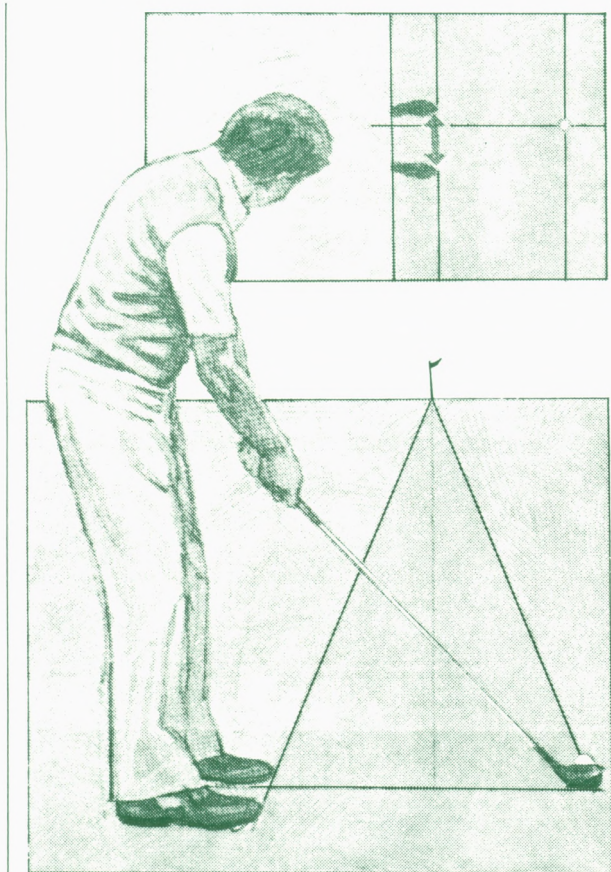
"The Professional Guide to Landscaping with Annuals" has been published by Bedding Plants Inc., a non-profit association that disseminates information on flowering annuals, and written by noted horticultural writer Ann Reilly. The 28 page booklet contains 16 pages of full color photographs depicting use and identity of a large number of flowering annuals.

The booklet contains sections on use, design, color selection, plant selection, planting and

maintenance of annual beds and borders. Special charts outline plant height, flower color and requirements for planting distance, soil, temperature and light. There are lists for special use plants, such as plants for shade, dry conditions, moist conditions, low maintenance and cut flowers. A sample planting plan is enclosed with calculations as to how to determine the number of plants needed. There's a section on container plantings, plus a complete encyclopedia of plants with 63 photos and both common and Latin names identified.

The booklet is available for only \$1.00 (U.S.) PLUS a self addressed 6"x9" or larger envelope with 90¢ postage (U.S.) affixed.

Write to: **The Professional Guide to Landscaping with Flowers**, Bedding Plants Inc., 210 Cartwright Boulevard, Massapequa Park, NY 11762.



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## COMING EVENTS

- |              |   |
|--------------|---|
| March 5 & 6  | Ontario Parks Association<br>Educational Seminar<br>(Improving Your Skills — The<br>Ongoing Process)<br>Humber College (416) 296-4861 |
| March 8 - 11 | Canadian Turfgrass Show<br>Saint John, New Brunswick  |
| March 18     | Land-Pesticide Symposium<br>Seneca College<br>(Minkler Auditorium)  |
| April 27     | Region 1 Golf Event<br>Essex Golf Club - William Fach   |
| April 30     | WOGSA Golf Event<br>Brock Golfland - Edward Rybski  |
| May 28       | WOGSA Golf Event<br>Tyandaga Municipal  |



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