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June 1985

"Green is Beautiful"

Ontario Golf Superintendents Association

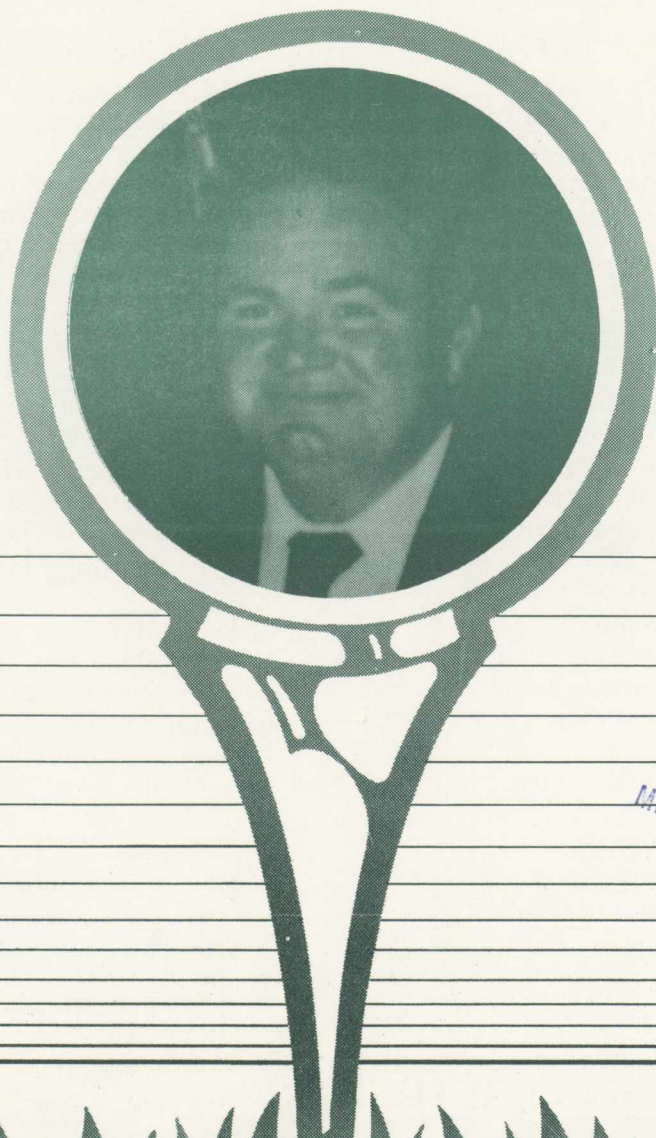
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JUNE 1985

1985 O.G.S.A. President



Hugh Kirkpatrick

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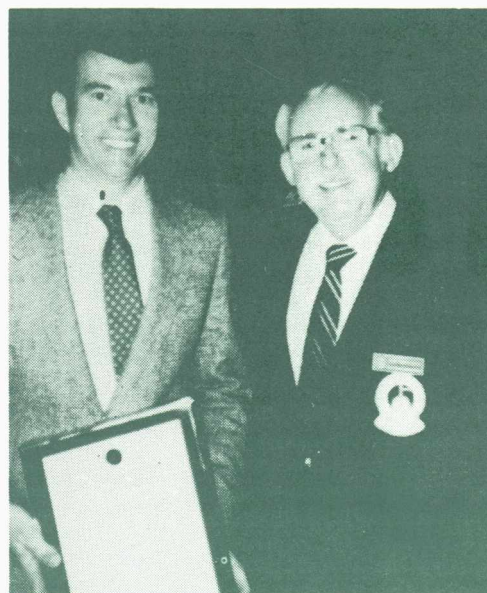
EDITOR'S COMMENT

I would like to thank Barry Endicott and the OGSA Board of Directors for appointing me as editor of "Green is Beautiful". Under Barry's careful control, this fine newsletter has attained great status within the golf community. I assure all members of the OGSA that I will strive to maintain this degree of excellence.

Producing a quality newsletter requires the support of all concerned members. I hope you will all find the time to forward pertinent information for publication. Considering the size of Ontario, this newsletter serves as an excellent vehicle for dispersing information otherwise not available.

Barry has given me much support and has offered to continue to do so. Other contributors who have helped produce this issue include Ron Heesen, Alex LaBelle, Mary Gurney, David W. Gourley, Robert Kennedy, Gordon Witteveen, Thom Charters and Paul Weidmark. Many thanks to these people.

Neil Acton CGCS



Past "Green is Beautiful" Editor, Barry Endicott (left), receiving award from GCSAA Director of Communications, Clay Loyd. This award recognized our newsletter as being one of the top ten chapter newsletters.

OGSA NEWS

Al Draper CGCS has accepted an invitation from the OGSA Board of Directors to have his name submitted to the Golf Course Superintendents Association of America's Nominating Committee. If approved by the Nominating Committee, Al will run for a Directors position at the annual meeting in San Francisco at the International Golf Course Conference and Show which runs from January 29 - February 5, 1986.

Al's dedication and professionalism are legend and we feel he is a most worthy and deserving candidate. Al is the current Past-President of the OGSA and he also sits as a Director of the Ontario Turfgrass Foundation. The GCSAA recently approached Al to sit on the Certification Committee and he also acted as a voting delegate for the OGSA in Washington last year.

Al will need the support of all OGSA members if he is to be successful in San Francisco. All voting members of the GCSAA are urged to send their proxy votes to the Ontario Golf Superintendents Association office if they do not intend to vote individually. If you want a voice in Lawrence, Kansas, your co-operation is of the utmost importance. More information will follow.

WEATHER IN REVIEW

	February	March	April
Average Daily Low Temperature	-8.9°C	-4.2°C	2.9°C
Average Daily High Temperature	-2.1°C	5.2°C	13.5°C
Mean Temperature	-5.5°C	.5°C	8.2°C
Normal Temperature	-5.8°C	-1.0°C	5.9°C
Precipitation snow	42.6 cm	32 cm	11.4 cm
rain	31 mm	33.2 mm	20.1 mm
Environment Canada			
Toronto International Airport			

S.W.O.G.A.

Southwestern Ontario Greenskeepers Association
1985 Calendar of Events

May 30 Echo Valley Golf Course, London
HOST: Ted Roberts

June 27 Glenview Golf Club, Petrolia
HOST: Bill Kivi

Aug. 22 Lyndenshire Golf Club, London
HOST: John Condon

Sept. 19 Sarnia Golf & Country Club, Sarnia
HOST: Gord Nimmo

Oct. 15 Essex Golf & Country Club, Windsor
HOST: Bill Fach

FORMAT: Same for all events. Tee-off 12:00 - 1:00 p.m.
All players please register and pay at the pro-shop
before playing. Dinner 7:00 p.m.

FIELD DAY SEMINAR AGENDA

Sponsored by:

THE NIAGARA PARKS COMMISSION SCHOOL OF HORTICULTURE
THE ONTARIO SHADE TREE COUNCIL and THE WESTERN ONTARIO GOLF SUPERINTENDENTS ASSOCIATION

Saturday, August 17, 1985

Location: Niagara Parks Commission, School of Horticulture

8:30 Registration
9:15 Welcome and Introduction
- John Morley, Superintendent of Horticulture, The
Niagara Parks Commission

Convenor: D. Whitehouse

9:30 How Can Computers Help You
- Denis McQuestion

10:00 Management: Golf Facilities
- Doug Dalby

10:30 Break

Convenor: R. Barnsley

10:45 Update on Soil Compaction Research
- Dr. A.M. Petrovic

11:15 Preventive Tree Maintenance - Why?
- Ian Bruce

11:45 Luncheon: The Niagara Parks Commission's
Queenston Heights Restaurant

Convenor: T. Lavolette

1:00 Guided walking tour of the School of Horticulture

2:15 Break

WORKSHOP SESSION

Convenor: M. Dell

2:30 - Panel Discussion: Trees & Turf - Theory vs Practice.

3:30 A discussion by seminar speakers regarding current
issues and trends in our business.

3:30 - Discussion Groups: An opportunity to speak with
seminar speakers in a small group setting.

ADVANCE REGISTRATION ONLY

(Before July 31)

N.P.C./O.S.T.C./W.O.G.S.A. FIELD DAY SEMINAR

NAME: _____

ORGANIZATION: W.O.G.S.A. ☐ O.S.T.C. ☐ N.P.C.A.A. ☐ OTHER ☐

MAILING ADDRESS: _____

TELEPHONE: () _____

Make Cheques Payable To: THE NIAGARA PARKS COMMISSION

Mail Your Cheques and Completed Registration To: "Field Day", N.P.C. School of Horticulture, P.O. Box 150,
Niagara Falls, Ontario L2E 6T2

Refund Policy:

- 1) In the event that the seminar reaches full registration before July 31, or if there are late registrants, refunds will be made.
- 2) No refunds will be made for cancellations after July 31.

For More Information Contact:

Deborah Whitehouse, Seminar Coordinator, N.P.C. School of
Horticulture, P.O. Box 150, Niagara Falls, Ontario L2E 6T2
(416) 356-8554 Ext. 5

Fee - \$15.00

WINNIPEG '85

Manitoba is appropriately named the friendly province. Our hosts, the Golf Course Superintendents Association of Manitoba, did a fine job in helping organize the Canadian Turfgrass Conference and Show for 1985. Winnipeg was cold as usual, but the hospitality was very warm. The Franco-Manitoba night was visual proof of this as the well orchestrated evening had us rolling in the aisles in our touques and sashes when the comedian took the floor. The well attended boat races, (twelve teams I believe), were an example of the degree of participation in the revelry.

The one sour spot though was the defeat of the eastern hockey team. The quick succession of goals at the end of the game by the east is ample warning, however, of what the west can expect in Ottawa in 1986; revenge!

Thanks must go out to the distributors who hauled their rather bulky wares from some very distant areas to make the conference complete.

The talks were well attended and everyone should have come away with some gems of information to put to good use. Unfortunately some speakers could not attend but Bob Brewster and Neil Acton CGCS of the Ontario Golf Superintendents Assoc. performed admirably as last minute stand-ins.

Any opportunity to meet with our compatriots from across the country is a welcome occurrence. The fact that we are able to remain current with the changes in such a dynamic industry and thus provide better services to our employers through conferences like this one can only reaffirm the continuing success of these events.

Alex Labelle

OGSA MEETING REPORT

Thom Charters

On Tuesday March 12, an OGSA Meeting and Bonspiel was held at the St. Georges Country Club. Host Bill Hynd invited Joe Curtain, a golfing buddy who operates a successful investment consulting firm, to acquaint the twenty-five attendees with some of the investing do's and don'ts. Joe impressed one and all with his sound advice and led an interesting discussion about today's stock market. Our guest speaker was not the only informed person in attendance however, as a number of our own members asked questions that revealed their obvious talent in money management.

After a fine soup and sandwich lunch, four teams took part in the annual curling bonspiel. A few blisters, scratches and pulled muscles later, the team of Shorty Jenkins, John Arends, and Tom Murphy emerged as the winning rink. Special thanks go to Bob Moote for providing the winner's trophies again this year. Thanks

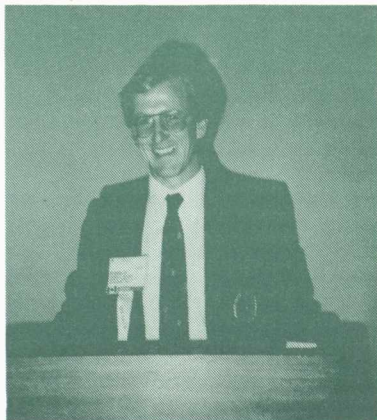
also to Bill Hynd and the super catering staff at St. Georges. Despite the poor attendance, it was a very successful meeting. This was the first time that members were asked to pre-register and this policy will be in effect throughout 1985 for all OGSA organized events. Those who do not pre-register will be welcome at events and meetings that permit post-entries, but the cost will be greater. This format is being used to take the guesswork out of making eating arrangements and hopefully stimulate better attendance by encouraging individuals to commit themselves in advance. Set aside the time and attend as many OGSA functions as possible.

Spring Field Day

Cutten Club — Richard Creed

Cambridge Turf Plots — Norm McCollum

Wednesday June 19



Ron Heesen

"I find it much more expedient to ask forgiveness rather than permission" New Broom Sweeps Clean, Washington 1985.

Found in "ON THE SAFE SIDE" the publication of the Health Care Occupational Health and Safety Association, January 1985.

If you are an adult of average size and weight, the following statistics will give you some idea of what your body accomplishes in a single 24 hour period.

you breathe 23,040 times
you inhale 438 cubic feet of air
your heart beats 103,689 times
your hair grows .01714 inches
your nails grow .00046 inches
you drink 2.9 quarts of liquid
you eat 3.25 pounds of food
you speak 4,800 words
you move 750 muscles

IF YOU CAN KEEP YOUR LEFT ARM STRAIGHT FOR 18 HOLES, YOU'RE ENTITLED TO BEND IT AT THE 19TH



The winning team at the dart tournament held at the Cross Eyed Bear organized by Ted Hartwell.

Left to Right: Ron Craig, Bruce Calhoun, Ted Hartwell, Teri Yamada, Paul Sheppard, Anonymous.

WESTERN ONTARIO GOLF COURSE SUPERINTENDENTS ASSOCIATION

by David W. Gourlay

The first meeting of the 1985 golfing season was held on April 25 at the Beechwood Golf Club in Niagara. Our host for the day was Brian Antonsen. With Brian at Beechwood the future of the club looks bright. Plans are well underway for an additional nine holes and modification of the present holes with the use of trees and tee reconstruction. For those of you who have not played Beechwood I would strongly recommend you doing so. The hospitality displayed by Brian and his staff was simply outstanding. One would have to travel a long way in order to match the personal treatment given to each golfer. A special thanks is given to Brian from the W.O.G.S.A. for giving us such an outstanding day.

During the meeting an informal survey from the people in attendance indicated a good spring with Old Man Winter being kind to us in Western Ontario. It was speculated that those golf courses with an ice layer above a small accumulation of snow wintered best. The

reason being attributed to the ice providing the turfgrass with an insulation layer.

The following is a partial list of golfing winners for the day.

Gross	Net
1. Tom Bell	1. John Stein
2. Dave Nichols	2. Dave W. Gourlay
3. Bill Glashan	3. Brian Antonsen

Closest to the pin - Scott Dodson

Next meeting of the W.O.G.S.A. will be at the Whirlpool Golf Club hosted by Bill Glashan in May. Don't miss it.

Congratulations to Blake and Christine McMaster on the arrival of Ian on April 24.

CANADIAN GOLF SUPERINTENDENTS ELECT NEW PRESIDENT

Blake McMaster, superintendent at the Brampton Golf Club, was elected recently as the 17th president of the Canadian Golf Superintendents Association.

Blake will lead the CGSA through a very exciting year, as the association launches a new national seminar program for golf superintendents, and acquires a computer to handle the growing list of member services with greater speed and efficiency.

Also elected to the CGSA Board were: Brian Houston, Vice President (Shaughnessy Golf & C.C., Vancouver); Barry Britton, Secretary/Treasurer (Tyandaga Municipal G.C., Burlington). Coming on to the Board for a two year term are the new B.C. Director, Craig Lewis (Kelowna Golf Club), along with Dean Morrison, Al-

berta Director (Willow Park, Calgary) and Bob Brewster, Ontario Director (Weston G.C., Toronto). Remaining on the Board are Daniel LeBlanc, Quebec Director, Blake Palmer, Atlantic Director and Ralph Watkins, Manitoba/Saskatchewan Director. The Immediate Past President is Jack Fairhurst, New Ashburn Golf Club, in Halifax.

The Canadian Golf Superintendents Association is a professional organization representing 750 golf superintendents and turf managers across Canada, and is dedicated to the professional development of its members through its publication, the Greenmaster, the annual Canadian Turfgrass Conference and Show, and the new national seminar program.



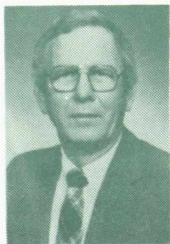
See you in

San Francisco

at the

**57th International
Golf Course
Conference & Show**

**Moscone Convention Center
January 29-February 5, 1986**



Eugene D. Baston, CGCS, Birmingham, Ala., was elected president of the 6500-member Golf Course Superintendents-Association of America (GCSAA) during the Association's Annual Membership Meeting, Feb. 12, 1985. He succeeds James W. Timmerman, CGCS, Bloomfield, Mich.

Riley L. Stottern, CGCS, golf course superintendent for the Jeremy Ranch Golf Club, Park City, Utah, was elected vice president.

Elected to the Executive Committee as directors were Dennis D. Lyon, CGCS, property manager for the City of Aurora, Colo., Parks, Recreation and Public Properties Department and John Segui, CGCS, superintendent of Waynesborough Country Club, Paoli, Pa.

Re-elected for a second term as a director was Donald E. Hearn, CGCS. Hearn will also serve as the Association's secretary/treasurer.

Gerald L. Faubel, CGCS, superintendent of golf course and grounds for Saginaw Country Club, Mich., was appointed a director to fill the unexpired term of Riley Stottern.

Continuing to serve as directors are John E. Laake, CGCS, and James M. Taylor, CGCS.

The elections and Annual Membership Meeting were held Tuesday, Feb. 12, 1985, in conjunction with the 56th Annual International Golf Course Conference and Show in Washington, D.C., sponsored by GCSAA. Some 9,000 persons from around the world attended.



HARD WORK NEVER KILLED A MAN BUT IT SURE HAS SCARED A LOT OF THEM.

— AUTHOR UNKNOWN

TEN YEARS AGO TO-DAY

by Barry Endicott

The Board of Directors in 1975 was Paul Dermott (pres.), Allan Beeney (vice.), Carl Bennett (sec.), Cameron Cairncross, David Gourlay, Robert Hall, John Hutchinson, Whitey Jones, Helmut Kopp, Paul Scenna, 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 co-operation 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.

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. were new members. 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 Nesbit, 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-Greenschairman-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, Dave Gourlay, 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 eg. Pro-Superintendent, President-Greenschairman-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 Greenschairman-Superintendent event. The original J.K. Campbell Trophy was retired as its only winner has also retired. Mr. John Harris won 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
Associates		
1st gross	- Doug Heron	238
2nd gross	- Rod Hermitage	211

DOMINION HOSTS OGSA AND MBCGSA SPRING MEETING

Dominion Golf Club was the place to be on Wednesday April 10. The joint meeting between the Ontario and Michigan Superintendents turned out over 100 participants. It was a windy day, but 80 golfers managed to tackle the golf course. Our Canadian team fared well against the Americans. The team score of 324 beat out the American side by six shots. The winners were Bill Fach, Bob Heron, Thom Charters, and Pat Hebert, all with 81's. Runners up on the American side were Craig Roggeman 91, Jay Delcamp 73, Clem Wolfrem 81 and Ward Swanson 85.

After golf, Mike Eggerton and Hugh Kirkpatrick chaired the after dinner meeting. The meeting featured background singing from the host Dan Uzelac. Kirkpatrick presented

Mr. Uzelac with a desk pen set for hosting the meeting. The meeting was then turned over to guest speaker Dan Rooney. Dan's topic was contract negotiating. Rooney's comments proved to be very helpful to all in attendance, since we all face contracts at one time or another. The subject is so broad and interesting that many felt a one day workshop would be quite helpful.

A very special thanks must be handed to Ernie Bezaire of Labatts who annually sponsor the tournament with beer and prizes. The atmosphere of the Dominion Golf Club is the best anywhere and we could not have had two finer hosts in Dorothy and Dan Uzelac. It was a great way to kick-off the year and we cannot thank Dan and Dorothy enough. The fried

chicken lunch was superb and the shrimp and steak dinner unbeatable. Add this to greens that putted like it was mid-June and what more can you say.

This day has become a great time to share information with our American neighbours. Turnout from both sides of the border was fantastic and a special thanks to those who turned out from Toronto. If you didn't have a chance to come out this year, mark this date down on your calendar for next year.

Once again, a special thanks to our hosts Dorothy and Dan Uzelac and all the staff at Dominion Golf Club.

Ron Heesen

SOME (MORE) THOUGHTS ON PUTTING GREEN SPEED

by Dr. Ralph E. Engel, Research Professor, Rutgers University, New Jersey

The speed of putting greens is never settled to the satisfaction of the great assortment of golfers. Commonly, professionals and low handicap players request fast greens, and some high handicap players accept them as the style. Moderately fast greens are usually popular, but a few golfers prefer slow greens.

The demand for fast greens has increased greatly in recent years. Some of this change is due to the Stimpmeter, which is an inexpensive, simple, and quick tool. This device has become a standard measure, and it has led to frequent comparison of green speed on individual courses and between courses.

If anyone asks if greens on today's golf courses are faster than in recent years, the answer is yes. Twenty to twenty-five years ago, the mowing height was typically 1/4 inch. Presently, a majority of courses set their mowers at 3/16-inch or closer. In addition to this change, thinner bed-knives make 3/16-inch a closer cut than formerly. Along with these changes, double or triple mowing is practiced occasionally.

How do golfers react to speedier greens? Personally, I find moderately fast greens add interest to the game. A true roll with a gentle touch is a pleasure. There are those who say very fast greens put too much emphasis on putting. It becomes a question of what is too fast. Possibly greens are too fast when good putters develop anxiety over this phase of the game. When a putt falls out of its arc on a mild slope and increases speed in another direction, putting is scarcely fun. The USGA classification of green speeds

by the Stimpmeter is considered good and seems realistic to me. The following table shows what the USGA considers reasonable for different types of courses.

USGA Green Speed Test
Comparison Table

	Regular Membership Play	Tournament Conditions
Fast	102"	126"
Medium Fast	90"	114"
Medium	78"	102"
Medium Slow	66"	90"
Slow	54"	78"

A seldom asked question is, "How has the shift to fast greens changed green maintenance?" It has narrowed the margin between green survival and failure. Closer mowing causes shorter roots, increases summer soil temperatures, and the thinner turf encourages more weed problems (which increases the need to risk herbicide use). It has caused a shift from moderate use to too much nitrogen in the past to very low rates of nitrogen. It seems a slight increase in growth causes a noticeable drop in the "bare floor" speeds of the faster greens. Some golf course superintendents are inclined to omit the minimal nitrogen needs rather than risk the wrath of the golfer. The major problems with low nitrogen are: 1. more weeds (including moss) and 2. more blemishes which show on the grass because they heal slowly. Without new growth that can be mowed into a smooth surface, the demand for closer cut increases.

It is possible that very close mowing has opened the door to some additional problems. Trouble with a bacterium has been suspected. A major turf failure occurred in another region recently that received little agreement from a series of turf experts. It is possible these problems are the result of new diagnostic facilities for discovering things that are new or were overlooked in the past. However, close mowing causes a weaker turf that is subject to more temperature stress and is likely to permit problems that did not occur in the past.

The golf course superintendent and other turf professionals are willing to provide whatever the golfer likes, if it is feasible without excessive failures. In the spring, next summer's turf loss is farthest from the golfer's mind, but late August always finds some clubs greatly distressed. Winter injury may seem far away, but extremely close mowing will increase this problem. Needless to say, no one suffers more than the golf course superintendent when turf fails.

As with the song from *Oklahoma!* closer-cut has gone as far as it can go. There is a point of no return. Some of the courses with very heavy traffic, especially public courses, need growth on the greens for the turf to recover and survive. Also, where is the point when an increase in green speed makes putting an experience in anxiety rather than a form of relaxation?

The Stimpmeter has received mixed acceptance by golf course superintendents. The pluses are: 1. It is an impersonal and objective measurement that

should prevent irate golfers from making exaggerated statements about speed of the greens; 2. its use has shown that various uncontrollable factors prevent uniform speed at all times; 3. it is a simple and quick tool; and 4. it is an encouragement for the club to agree on a green speed that keeps the golf club and superintendent out of wasteful and harmful controversy.

The Stimpmeter becomes a liability or a cause of resentment when: 1. Some golfers expect precise green speed from day to day which is not possible; 2. the increased green speed causes more precarious maintenance of greens; 3. it encourages such things as petty daily check-

ing, posting of green speed, and requests for special mowing for everyday golf (the superintendent and the maintenance crew often find completion of six or seven mowings per week in all kinds of weather very difficult and demanding without these details); and 4. some clubs would spend time and money on excesses with the Stimpmeter and fail to overcome greater imperfections.

Some suggestions for those who would use the Stimpmeter or strive for very fast greens are:

1. For everyday play, limit the Stimpmeter's use to several times per season to determine if the speed falls within a reasonable range. Except on rare occa-

sions, avoid fussy frequent checking for a consistent precise speed.

2. Most club tournaments do not justify checking green speed and use of extra mowing.

3. Avoid abrupt lowering of the height of cut to increase speed — this applies, especially in late spring and summer, when the safety margin for turf survival is very thin already.

4. On courses where turf survival on greens is marginal, greens rated fast (8 feet and above) may be a mistake.

5. A given club should avoid extremes of speed and hopefully stay within a reasonable norm for similar courses.

USGA GREEN SECTION RECORD

SUPERS PROFILE

by Paul Weidmark, IBM Country Club

As most of you know, the IBM Country Club is a department of IBM Canada Ltd. and a recreational facility for the use of IBM employees and their families. In addition to our 18-hole and par 3 golf courses, we currently offer 31 different activities to our 14,000 members. A few of these clubs such as alley bowling and scuba diving are held offsite. Some are held at the club, but require no maintenance such as the camera and model railroad clubs. The remainder require varying degrees of maintenance. I'd like to touch briefly on these today and, finally, describe a few special annual events we also hold at the country club.

BASEBALL

We have one industrial league regulation slow-pitch diamond.

The diamond itself is composed of a 6" layer of 50% blow sand and 50% 3/16" round hazemag limestone mixture graded to an 8" crown at the pitcher's box, contributing to good drainage. Around the perimeter of the diamond is a french drain. The remainder of the outfield has lateral french drains, first 10 ft., then 20 ft. apart to remove surface water in an effort to minimize rained out games. The lighting is controlled with timed switches and consists of two centre outfield cement poles each having 6 lamps. First and third base poles have 5 lamps each and two poles behind home plate have three lamps each for a total of 6 poles and 28 - 1,000 watt metal halide lamps.

Because the field is situated approximately 300 yards from the clubhouse, dusk to dawn walkway lights are used between the two when the diamond lights shut off automatically at 11:00 p.m.

There is a regular men's league with 12 teams, a ladies' league with 5 and a 5-



team little league. The men's and ladies' teams play double and triple header games, meaning the diamond is being used most nights between 6 and 11 as well as Saturdays, when the little league games are played.

A baseball diamond with a lot of usage requires much maintenance. One man usually spends two hours per day, 6 days a week on the diamond, using a sandpro with a gill rear-mounted blade to reshape worn areas around bases and pitcher and batter boxes. After a final matting with a top-dressing matt, the field is ready for marking. In wet weather, we use the regular sand trap rake to loosen the surface so it will dry quicker. To mark the field we use a dry line marker and a talc product called "Snow White", as dehydrated lime can cause skin irritation upon contact. Bases are then pinned down at the proper distances to meet each league's regulation. To simplify this task, we have attached footage markers on the base line fences as a guide. The outfield grass area is cut three times a week at 3/4" height with a Parkmaster.

Automatic irrigation is applied as needed. We fertilize spring, mid-summer and late summer, with aerification in spring and fall. Bleachers are moveable

to facilitate grass maintenance in the spectator area.

By the way, in case you are assuming that maintenance stops in the fall, you may be interested that a few winter baseball games were played last year. Bases are set out and base lines are marked with red marking paint. The games are played like regular slow-pitch, but snowshoes are worn. Rumor has it, a regular winter league may be formed for this winter.

LAWN BOWLING

Our lawn bowling green has a playing surface of 110 ft. x 110 ft. and is surrounded by a 12" wide ditch and then benches for players and spectators. There are 8 rinks running east and west and 8 rinks running north and south. Direction of play alternates daily to ensure uniform playing conditions. Membership play is on Tuesday and Thursday nights, with regular and invitational tournament play on Sundays. The playing surface is Pencross Turf, growing on 75% sand, 25% top soil and peat. The green and the surrounding ditches are drained with weeping tile, not only for good turf growth, but to take away excess water, as the green is recessed. A springtime problem of decaying, frost-heaved wooden stakes that hold the planks in an upright position to retain the ditch walls has been resolved by manufacturing heavy 2" channel iron u-shape brackets. These brackets have one 2" x 6" plank bolted to plinth side to retain the playing surface side of the ditch and on the other side of the bracket a 2 x 12 bolted to retain perimeter walkway turf. Pea stone and a strip of outdoor carpet is placed in the bottom of the ditch to protect the bowls from scratches. The green is cut every second day with a Jacobsen Walking Greensmower set at 5/32". We roll the

green every second week with a 700-lb. power roller. Automatic irrigation from one sprinkler on each side is done after 11:00 at night, being careful not to over-water, as this can make the green soft and result in sluggish play (bowls should roll 90 ft. in 12 - 14 seconds). Sand Pro spiking and fertilizing are done every third week. Verticutting and sand top-dressing are also done on a separate 3-week cycle. Disease and insect control and prevention are similar to the program outlined for the golf course greens. Maintenance days are chosen with no night play following so that the bowls do not pick up maintenance material residue that may have mixed with the evening dew. All maintenance practices are performed from corner to corner on a 45-degree angle to the plinth (or border of the green). A different corner direction is chosen each time to minimize any adverse effect on the roll of the bowl, resulting in a smooth, firm, level surface critical to the execution of the game.

SOCCER AND FLAG FOOTBALL

We have a combination field 110 yds. long x 65 yds. wide. Dual-purpose goals take soccer nets which are rolled up when football games are played.

Dual layout of marks serves both games with penalty kick boxes for soccer and 10 yd. lines with 5-yd. hatch marks on either side of the field for football. Marking is done once a week or as required due to game schedule. The field has an automatic irrigation system for night watering. Cutting is done at 3/4" with a Parkmaster Tuesdays and Fridays. Fertilizing is done 3 times during the summer and aerified in spring and fall. Worn areas on the field as well as goal mouths are resodded after tournaments are completed each fall.

REMOTE CONTROL AEROMODELLERS

The field contains a grassed landing area 35 yds. wide and 55 yds. long running north to south with prevailing winds blowing from the north because of the bush area located west of the strip.

In the early spring when the ground is soft, we roll the strip 2 or 3 times to smoothen the surface and assist with easier landings of the models. The strip is cut 2 to 3 times a week at 3/4" height and is fertilized 3 times a year. The area has no irrigation system. However, a continuous high water table promotes good growth. The 6 acre field provides the large, open area necessary for glide paths for the planes. Even with this open area, problems still arise at times due to complaints of motor noise and the concern for safety while flying over other activities in progress such as archery to the south, golf lessons on the driving range to the west, and houses to the east, particularly

with occupants operating ham radios getting static on their sets.

Occasionally, additional maintenance is required to set up for fly-in demonstrations which include model helicopters. Spectator areas are roped off for safety reasons and runways are marked out with marking paint. Other remote control demonstrations of all kinds of boat models are held on the acre pond near the clubhouse, but these are virtually maintenance free, except for turning off the power to the Otterbine used for aerification.

GARDENING

48 vegetable garden plots 20 ft. x 20 ft. are marked out in the spring with sports field marking equipment. They are ploughed in the fall and a Lily Rottera is used in the spring to provide the gardeners, with a good, fine seed bed. We supply water for the member's use from a tap that is spring-loaded to eliminate the chance of water being left running. The gardeners maintain their own plots all summer.

ARCHERY

The archery range is a fenced area 40 yds. wide x 125 yds. long. The first set of portable 4 ft. square target butts stand 30 yards down the range with 3 more spaced 20 yds. apart down the range. Grass is kept a short 3/4" for easy location of spent arrows that missed the targets.

VOLLEYBALL

The grassed court measures 60' x 30' with the top of the net at the 7'6" mark. The court is cut at 1" and marked once a week.

TENNIS

We have four illuminated cushion courts, a surface composed of asphalt and rubber coating.

They are maintenance free except for the raising and lowering of nets daily and periodic air brooming. Members remove surface water with roller squeegees as needed.

TERRY FOX RUN

This annual 10 km run with all proceeds donated to the Canadian Cancer Society is laid out on the property. 2 x 2 stakes with arrows are used, as well as marking paint on hard surfaces to set the course for runners. Start and finish line canopies are erected. Drink stations, first aid, portable washrooms are spotted along the route.

PLEASURE SKATING

A skating rink on the pond below the clubhouse requires continued snow removal and flooding, depending on wea-

ther conditions during winter months.

CROSS-COUNTRY SKIING

The ski trail is 6 km long, double-tracked and marked with fluorescent 9" flags on 1/2" x 3' steel rods spaced out approximately every 100 yds. Rods are set just one foot in the ground where they freeze in, leaving them high enough to prevent anyone impaling themselves. Steel is used as opposed to wood as a safety precaution, because steel will bend, while wooden stakes can be broken off. We use an Alpine Snowmobile with double tracks pulling a Swiss-made track setter to condition the trails.

Finally, I'd like to highlight a few of the maintenance tasks involved with some special annual events held at the club.

WINTER CARNIVAL

- The 9 acre driving range is snow-ploughed into windrows for parking by a contracted road grader and a 5 yard bucket Hough Loader.
 - Log sawing contest equipment is set out, complete with sharp crosscut saws.
 - Sleigh ride trails and shuttle service from parking to club is laid out for 6 teams of horses and sleighs.
 - Pond is marked for broomball games.
 - Puck shooting targets and backboards are erected.
 - 20' x 40' tent is erected to serve pancakes and sausages and hot drinks
 - Trails with a 9-lane starting track for cross-country ski races are groomed
- etc., etc., etc.

By far our largest event is the ANNUAL PICNIC

- Locating some 16 children's and adult rides for Conklin shows throughout the par 3 course and sports fields.

As you know, heavy trucks and turf do not mix so major consideration is made as to the locations, so they are well spread out, yet facing the right way to pull out after the picnic in case of inclement weather.



- After erection of the units, a complete safety check is made of their operation by IBM safety personnel.
- We mark out 12 acres of parking with our sports field marker.
- Locate 14 tents to contain food, dining tickets, and first aid, missing underground services with their hold down stakes.
- Locating 18 portable washroom sites.
- Rope off two 50' pony rings.
- Garbage containers placed throughout the grounds.
- 2 portable fold-out stages located and supplied with electric power panels for the entertainment.
- Superstars competition course laid out.

- Dunk tank erected and filled with water.
- The putting green is cordoned off, then divided and holes set for the putting contests.
- ... plus many more maintenance requirements.

FALL HAYRIDE/CORN ROAST

- Pony ride ring
- Food tents placed, surrounded by picnic tables.
- Portable stage located and electric service supplied for entertainers - last year we used G.M. Smith 1928 Mack Truck with its float.
- Other contests to set up are corn husking, log sawing and a craft show in the clubhouse.

And finally, our five day long CHILDREN'S PARTY

- Commercial-type season lighting decorates several trees and the clubhouse, making up the 2,000 sparkling coloured lights we install.
- The clubhouse inside is decorated completely with garland and tinsel, as well as Santa's throne.
- The stage is set for the magician and clowns to receive the happy holiday faces.

The opportunity of having so many diversified responsibilities over the years creates a real challenge for me as Superintendent-Maintenance Manager of the IBM Country Club.

Thank you for your time.

IF YOU TELL THE TRUTH YOU DO NOT HAVE TO REMEMBER ANYTHING.

— MARK TWAIN



COMING EVENTS

- June 19— Spring Field Day - Cutten Club
- July 8— President, Greenschairman, Superintendent - Board of Trade.
- July 22— Superintendent, Pro-Greenhills
- Aug. 1— OGSA-WOGA - Glendale
- Aug. 12— OTRF - National-Board of Trade
- Sept. ?— OGSA Best Ball
- Oct. 7— McClumpha - Thornhill
- Nov. 7-8— GCSAA Seminar - Lambton
- Dec. 3— OGSA/OTRF Annual Meeting-Wyldewood
- Dec. 14— OGSA Xmas Dance - Galt



"Green is Beautiful"
Ontario Golf Superintendents Association