

Green is Beautiful"

Ontario Golf Superintendents Association

ARNSHAW CRESCENT — ETOBICOKE, ONTARIO M9C 3M4 — TELEPHONE 622-9929



MARCH 1977

MEETING DATES 1977

- March 8 — Pesticides Symposium
- March 14, 15, 16 — C.G.S.A. Conference, Calgary, Alberta
- March 30 — O.G.S.A. North Halton Golf Club
- April 15 — Spring Dance, Mississauga Golf Club
- April — O.G.S.A. (to be confirmed)
- June 9 — Turf Plots, University of Guelph
Galt Country Club
- July 8 — President, Greens Chairman, Superintendent
Golf Day, Islington Golf Club
- August 8 — Pro Superintendent Golf Day
York Downs Golf Club
- August 25 — O.G.S.A. Wyldewood Golf Club
- September/October — to be finalized
McLumpha & C.G.S.A. Field Day
- December 2 — Christmas Party
St. George's Golf and Country Club

O.G.S.A. ONTARIO GOLF SUPERINTENDENTS ASSOCIATION 7th ANNUAL SYMPOSIUM

Rosedale Country Club provided the spacious grandeur and this popular highlight in the calendar year of the Golf Superintendent was, as expected, a continuance of the success of preceding years.

112 superintendents, assistants, students and associates were in attendance. This symposium is ideally timed, everyone has had time to relax and unwind over Christmas holidays, and it is evident there is a positive eagerness to attend, renew old acquaintances and possibly learn a few new ideas. The increasing number of new young faces to this outstanding event also assures success in the years ahead.

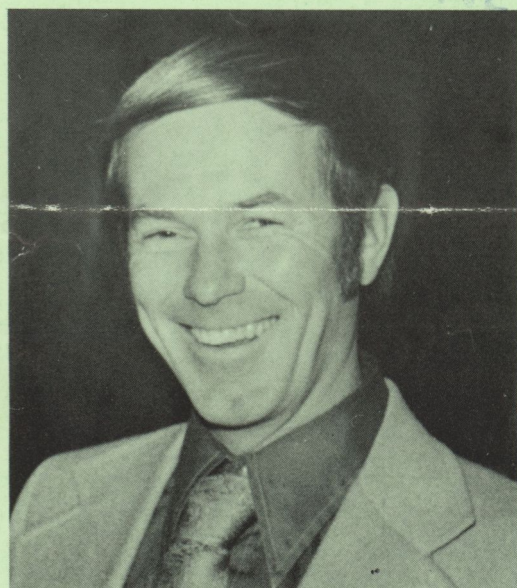
The proceedings opened with a few brief remarks from President Al Beeney, who was Chairman for the opening speakers. Dr. Jack Eggens and Keith Nisbit conducted the speakers for the remainder of the day in their usual efficient manner.

The schedule very quickly became untracked as speakers spoke longer than the allotted 10 minutes. It was obvious, however, that a great deal of time and effort had gone into preparation of papers and the interest of the audience was maintained throughout the day.

A number of papers were collected and excerpts are as follows:

Bob Kennedy

"The conifer trees are planted on beams, approx. 5' in height. This planting is necessitated because of the lack of



PRESIDENT'S MESSAGE

I would like to take this opportunity to thank the members of the Association for their confidence in electing me their president. To the new Directors, welcome, and to the outgoing Directors, a big thank you for your contributions during your term.

Your new Board is hard at work, preparing meetings and speakers, Symposium '78, social events, golf tournaments, newsletter, roster, etc.

One of the projects last year's Board initiated which will be followed through by the incoming Board is in the area of turf research. Our main objective is to establish and maintain a close liaison with the University of Guelph so that they are aware of our problems in turf management and acquiring funds to explore these particular areas. This is one of the most ambitious undertakings our Association has ever started and it will mean a great deal of hard work, time and thought but we feel the benefits will be appreciated by our clubs and golfers alike. To make this a success, we need the input from many people and so I ask all of you to give us your support.

I have attempted to give you a brief outline of what your Board will be doing in the coming year and again I stress, it is your Association. We need your support, interest and participation to make it all worthwhile.

In closing, my wishes for a healthy, happy and successful season in '77.

Alan Beeney
President

depth in the soil cover. For deciduous trees it is necessary to use trees that have a fibrous root system as opposed to a taproot system. For example, Oak will quickly die once the roots become in contact with the garbage."

Bernie Macdonald

"Approximately every other year we experiment with new or different fungicides for "in season" and snow mould control. An accurate *evaluation* is gained by employing such a product as directed, over approximately half of a given green. Currently Arrest 75W is being compared for its snow mould protection effectiveness."

Paul White

"In Montreal, if we began to see just a hint of that dull blueish colour we lost the Poa. Now I find that the Poa at Glendale will recover with watering 6 to 8 hours after the first signs of problems. Water was in short supply at Glendale for many years and possibly this has resulted in a stronger more drought tolerant strain.

I fertilize heavily, I apply 1 to 1-1/2 lbs. of N in complete fertilizer every two weeks during the season. The hotter the weather the more fertilizer is required.

Doug Hoskins

"Fertilizer budget — \$6,700.

Greens	5 lb N
Tees	4.5 lb. N
Fairways	2.65 lb. N

Made up of Milorganite and Scotts Fertilizers.

Grass population —

Greens & Tees	50% Bentgrass
	50% Annual Blue
Fairways:	60% Annual Blue
	40% Kentucky Bluegrass"

Paul Dermott

A fungicide expenditure for the year of \$5,300 allowed a complete preventative programme of 12 applications each on greens, tees and fairways. Paul's fungicide programme on fairways was made up predominantly of P.M.A.S. and wetting agent.

Paul reports that the systemics do not give Dollar Spot control for him on fairways.

Dennis Pellre showed slides on the development of the Glen Abbey Golf Club. This championship golf course has become so popular in its infancy that the fee for golf and cart will be increased to \$25.00 this year.

Helmut Kopp had us all impressed with the quality of his colour slides on preparations and play during the "Canadian Open 1976" at Windsor Essex.

Dan Ardley

Gentlemen, my intention today is to try to take a progressive look at our Superintendents Association and what role it will play in the future development of Superintendents. My purpose is not to criticize the present system or any of its officers, but rather to layout some objective ideas to review. There are 2 areas I wish to emphasize in today's discussion — (1) Regional Representation, (2) Educational Development.

The problem of our Association is a geographic problem. Ontario is a large Province and a Toronto centralized Association cannot properly serve its total membership.

The creation of the Western Association is an indication that some underlying problem does exist. Its founders must have felt that there was some need, or void, in the present system so as to create another Association. That is why I suggest decentralization, regional development, creation of branch or chapter officers of the Ontario Association. One could consider an Eastern Association — Toronto-Kitchener-Niagara, and Windsor-London-Sarnia, Western Association. This decentralization program should develop a close and more communicative group whose environmental similarities and other likenesses would tend to make discussions far more beneficial and easier to relate to. Regional groups would make attendance easier, and would create a more accessible group. Something must be done, there are over 400 golf courses in Ontario and by the number present today should indicate to us that we are not representative of all Superintendents in Ontario. There is no doubt, regional development is not the total answer, but perhaps its a step closer to a stronger and more representative group.

CROSS COUNTRY SKIING

Looking over the snow covered Rosedale Golf Course from the warm comfort of the Clubhouse, a lone set of ski tracks wound their way down the first fairway and disappeared behind the mounding behind the 1st green. An enticing observation for the cross country skiers in our midst.

This sport has really become popular the past 4 years and for the golf superintendent, an ideal winter activity to inspect the golf course, young tree groupings, which during the course of a golf game, you try to avoid, now become an attraction to ski through and relieve the wide open spaces.

G.C.S.A.A. NEWS

More Canadians than ever before attended the 48 Annual G.C.S.A.A. Turf Conference held in Portland, Oregon, February 6th, 11th. There were 160 Companies displaying various products, and a grand total of 5279 delegates attended this years show. Next year the same event will be held in San Antonio, Texas.

Our own Jim Wyllie was not elected to office this year, but our hope is that Jim will try again next year. A person nominated for a position on the G.C.S.A.A. Board needs all the help he can possibly get, to become elected. Better luck, next year James.

Thanks are in order to Gord Witteveen for serving on the Board for four years, he represented Ontario very well during his term of office.



Back Row: left to right: Paul White, Paul Dodson, Ken Nelson, Stu Mills, William Bowen.

Front Row: left to right: Bill Hynd, Paul Dermott, Al Beeney, Paul Scenna, Hugh Kirkpatrick.

BOARD OF DIRECTORS AND COMMITTEE OF THE O.G.S.A. FOR 1977

President	Alan Beeney	(416) 877-2642
Vice-President	Paul Scenna	(519) 623-3292
Secretary	Stuart Mills	(416) 270-0716
Treasurer	Paul Dodson	(416) 648-1265
Past-President	Paul Dermott	(416) 247-9281
Golf	Bill Bowen	(705) 743-5010
Membership Crests & Plaques	Ron Allen	(416) 447-5575
Meeting & Speakers	Paul White	(416) 561-1216
Bylaws	Ken Nelson	(519) 433-5136
Hospitality & Parties	Paul Scenna	(519) 623-3292
Roster	Hugh Kirkpatrick	(416) 885-8144
Symposium 1978	Paul White	(416) 561-1216
Nominating Committee	Paul Dermott	(416) 242-9281
Executive Newsletter Editor	Bill Hynd	(416) 231-3393
Welfare — West	Ken Nelson	(519) 433-5136
East	Hugh Kirkpatrick	(416) 885-8144
North	Bill Bowen	(705) 743-5010
Turf Research Foundation	Paul Dermott	(416) 247-9281
	Paul Scenna	(519) 623-3292
	Keith Nisbet	(416) 727-9851

TIPS FOR THE SUPERINTENDENT: CHOOSING THE BEST SUMMER CREW

Although it's still early, now is the time to think about hiring summer crew help. Some young people may already have contacted you during the Christmas holidays or during their semester break; more will come during spring break, and the crunch will hit as the end of the school year approaches. How you choose your summer help could make a difference in the kind of summer you have.

Most superintendents hire from two pools of labor — turf students and nonturf high school and college students. Experience has shown that men and women work out equally well. Turf students often need on-the-job training as part of their education, and you can influence the future of your profession by helping them learn on your course.

Turf students are interested in turf management, not just a summer job, and they bring a certain degree of expertise and understanding.

Your supervision during the summer can be of real benefit to the students when they return to school in the fall, too, especially if you have given them genuine experience over a broad range of tasks. Many superintendents have a list of operations a turf student should try during a summer internship — mowing greens, managing equipment, calibrating spray equipment and numerous others. If you give the students broad experience, they will give you hard work and effort in return, and your goodwill rating will be boosted as well.

Aside from turf students, what kinds of people make good summer golf course employees? Those who want to work outside and who enjoy hard work, those who can be on their feet and operate machinery all day, those who will get to work on time, stay the required number of hours and follow through on assignments — these are the people who belong on your golf course.

Before you hire a summer employee, consider exactly what you want that person to do and be sure that you will have enough work to keep him busy all day every day. Boredom robs your employees of enthusiasm and a lack of enthusiasm robs you of quality workmanship.

When you know clearly what you want from an employee, choose persons to hire by evaluating their job application forms and conducting a thorough interview. Have them use a standard application form that asks for personal data, job experience and educational background. The form, available at most office supply stores, should have a place for your comments and for recording the date work began and the salary. This will give you similar information on each person so you can compare one to another.

During the interviews try to ask each person about the same questions so you can compare their answers. Ask each to expand on his work experience and try to assess some of the following: Is this person interested in the work? Has he shown leadership? Does he seem forceful and appear to have good reasoning ability? Is he sincere about his ambitions and objectives? Does he really want to become involved? What is the extent of his knowledge in the field and his interest in learning more? Does he show pride in a job well done? You can ask about the person's future plans as well as his past experience, and certainly find out what his job goals are. Ask what he expects from his position and why he wants the job.

Tell each applicant exactly what the job and working environment will be and what you expect in the way of standards of conduct and quality of work.

Discuss salary in full. Most summer employees will be paid a little above the minimum wage. Tell the person when payday is and about how much each check will be. Discuss vacations and other requests for time off in advance, make clear whether holidays will warrant more than the standard hourly rate and what overtime arrangements there are, if any. Discuss withholding tax, and tell students about the special W-4 forms that will exempt them from having money withheld.

Mention equipment or clothing that is provided by your course and explain OSHA regulations that will affect the employee. Ask the applicant if he has any questions, and evaluate what he asks as you provide answers.

How you start the new person working will depend on his experience or lack of it and on the job to be done. For the novice, some superintendents provide a map of the course, lead the person to the first tee, and send him around the course to pick up trash, sticks, etc., to familiarize him with the physical layout. Sometimes new employees are encouraged to play a round of golf first, to get a feel for the course. Then start the person on the first task, with complete instructions and with someone around to help for a few days.

When you thoughtfully and thoroughly choose your crew members and when you keep them busy and give them lots of encouragement throughout the summer, you will have few personnel problems and your work will be well done.

GOLF NEWS

The President, Greens Chairman and Greens Superintendent Tournament will be held this year at the fine Islington Golf Club in Friday, July 8th, 1977. At a recent meeting, it was decided that the same format as last year would be followed with the first forty teams being accepted. Entry forms will be issued in the future but remember to mark down this date now Friday, July 8th, 1977.

Also the Superintendent — Pro day which most of us enjoy is being held this year at the York Downs Golf Club sometime in August. More details to follow later.

Gentlemen, for years I have played in a few of our monthly meeting golf games and I was hoping this year, being Golf Chairman, to begin a program whereby maybe twice a year, we run a regular golf tournament draw at a golf meeting. Instead of playing with the same gentleman or groups each time I would be willing to organize a draw whereby each one of us would know in advance the starting time and with whom you are playing. I think this would help us all to meet everybody over a period of years and promote fellowship in our association. I certainly would be willing to keep a record of each draw so that I could mix up the players each time. I know myself I have no regrets playing with a higher handicap player. I know this will take a little effort from all of us to make it work, but I hope gentlemen, you will be willing to make any small sacrifice.

I was sincerely hoping to begin this little experiment in June when we play in Galt.

Hoping you are willing and wishing you all good golfing.

Bill Bowen,
Golf Chairman

MEETING — OSHAWA GOLF CLUB — FEBRUARY 16th, 1977

A good turn out of 45 Superintendents and Associates attended for this fine day.

Jack Salter, Past President of the O.G.A., spoke on course ratings and measuring the golf course, and was followed by a lively question and answer period.

Sup't. Rusty Warkman estimates that the Oshawa Golf Club's chef is one of the best in the business and this was evident in a very excellent steak lunch.

An afternoon's curling followed and 24 participated — looks like we have some scratch curlers among us.

In reference to Mr. Jack Salter's talk on course ratings at the recent meeting at Oshawa Golf Club:

To maintain uniformity in degree of difficulty, the tee markers should be moved forward as the pin placement is moved back on greens, the theory being to play the course at its maximum length at all times.

Fortunately, the esthetics of any fine golf course allows variety and character in the construction of greens and tees, thus the front to back measurement of tees from the popular *white* course is likely to be inconsistent with the front to back scope of pin positions on greens.

The extreme case at St. George's is the No. 1 tee area where the *white* markers have a scope of 6 yds. forward to back but 50 yds. from side to side.

The No. 9 green pin placement from front to back is 48 yds. No. 9 tee *white* marker front to back 12 yds.

An important consideration, from the point of view of the Golf Superintendent, is that the tee areas are large enough to sustain the heaviest traffic. 70% of play at St. George's is on the *white* course and it is our endeavour to place the *permanent white* marker in a position to allow equal movement front to back. In theory, area for white marker should be 70% of total tee area.

MISCELLANY

Bill Hynd won a trip to Eleuthera in the Bahamas by hitting the ball closest to the hole (6' 3") at Lachute, Quebec at the Canadian Golf Superintendents Annual Tournament.

Gord Witteven scored a hole-in-one in Florida during his vacation in January. A 3 iron on a 183 yd. par 3.

Paul Dermott started off impressively at the G.C.S.A.A. Tournament on Spyglass Hill, Monterey Peninsula, playing the tough first eight holes in 1 under par, then became careless to finish with 91.

John Stoughton, Barrie Golf Club reports that he is recovering from a minor operation and would like all correspondence sent to his home address — R.R. No. 3, Barrie.

Jack Wilson, Manchester Products salesman, well known to all Superintendents is recovering from a major operation and would like to hear from his old friends, his address is R.R. No. 3, Brighton, Ontario G886

Stuart G. Mills, Golf Course Superintendent of the Hamilton Golf and Country Club is pleased to announce the appointment of J. Douglas Rothwell to the position of Assistant Golf Superintendent.

Mr. Rothwell will be working closely with long time Assistant Mr. "Bub" Walls who will be maintaining his position until his retirement. "Doug" has been employed on the course for three years and has his M Sc. in Biology as well as being a recent graduate of the University of Guelph "Turf Management Short Course" and is now enrolled in the Ontario Diploma of Horticulture correspondence course at the University of Guelph "Doug" is also a member of the Canadian Golf Superintendents' Association and the Western Ontario Greenskeepers Association.

Paul Dermott moves to Oakdale Golf Club.

Helmut Kopp moves to St. Charles G.C., Winnipeg

CONFERENCE TIP

On a recent radio broadcast, a suggestion was made on how to stay awake during a talk that was interesting, but occurred the morning after the night before. The "sand man" was still around.

Concentrate on holding your feet one inch off the floor and sit up very straight in your chair.

Try it — you may not like it, but it will certainly keep you awake.



Paul Dermott, President 1975, 1976 receives Past President's Plaque from Bob Heron, Newsletter Editor and President 1974.

A SCOOPFUL OF SOIL . . .

By Tom Mascaro

Riviera Country Club, located in South Miami, is one of the old established clubs in the area. When the site for this club was selected it was part of the old Biltmore Club which was established in 1926. In 1930 the 18 holes of the present Riviera Club was abandoned and much of it grew to weeds. In 1946 the Riviera Country Club was formed. Through the years many changes and improvements have taken place.

It has always been difficult to grow good turf at this club. One of the basic problems is that topsoil is practically non-existent. When Golf Course Superintendent Lou Oxnevad, came to Riviera he began a long range plan of improvement. Anyone who knew the course in former years can attest to the fact that Lou has done a great job. His efforts have ranged from improved parking facilities and landscaping to complete renovation of the fairways. Our story centers on Lou's fairway improvement program. The common bermudagrass on the fairways provided poor playing conditions. Lack of soil also contributed to the problem. The course is built on a solid coral rock base. Topsoil ranges from as little as one inch to three inches. Lou felt that the only solution was to plant a hybrid bermudagrass and hope for the best. Any other approach, such as hauling in topsoil would have been too costly. He selected 419 bermudagrass, which was cut and sprigged into the existing turf. Paraquat was used to burn back the common bermudagrass. In a nutshell, the renovation program was successful. The problem of limited topsoil, however, is still a problem. Especially when divots are taken.

Now Lou tackled this problem in a rather unusual way. Discussing the situation with Buck Luce, who is the club professional, Buck mentioned that he had played a course where some of the members carried a pail of soil on their golf cars and put a handful down instead of replacing divots. Lou latched onto this idea in his usual dynamic way. First he reasoned that replacing divots was detrimental because they smothered new healing growth. Second, he knew that replaced divots only remained in place until the next mowing, which knocked them out and chopped them up. However, as a good golfer himself, he knew that replaced divots also made for a fair lie for following golfers.

Filling divots would do a number of things that would please the golfers and be good for the grass. Placing soil in divot holes would provide a fair lie for follow up golfers. Placing soil in the divot holes would be good agronomically, since grass would be stimulated for regrowth and not be smothered. And best of all much needed topsoil would be put down. However small, over a period of time this could become significant.

The plan was simple. Provide every golf car with a bucket of good soil and a small scoop. At first, the membership was cool to the idea. After a while, they found it was no trouble at all to place a small scoopful of soil in the divot holes. As membership enthusiasm (and pride) increased, everyone got the fever. Today most all of the members have adopted the system.

Lou experimented with various size buckets and scoops until he found the most practical and convenient sizes. After trying the inexpensive buckets and scoops, he has gone to good substantial plastic buckets and metal scoops. He drills 2-3/8" holes in each bucket about 3" from the top and 1" above the bottom for drainage in case of a sudden downpour. The buckets are fastened to the golf cars at a convenient height. They are out of the way and in no way inconvenience the golfer. They are easy to fill, easy to use. All 58 golf cars at Riviera are equipped with buckets of soil. Every morning all buckets are refilled. About three wheelbarrow loads of prepared soil mix is required each day on the average. In other words, approximately one third of a yard is added on a daily basis. This may not sound like much, but Lou estimates that the golfers have put out about 25 yards of soil since the plan was started in July. The great thing about this effort is that everyone is serious and conscientious about it.

One weekend they ran out of topdressing and there were so many demands by the golfers for full buckets that the crew had to use almost pure sand with whatever soil they could mix with it. On another occasion, one foursome came back five times to refill their buckets on one round.

All in all, this effort at Riviera Country Club demonstrates and proves many things: The golfer's pride and concern for his golf course, good communications within the club organization, good communications with the members and equally as important, Superintendent like Lou Oxnevad, is tuned in to the needs of his club.

Foot note: The author does not mean to imply that the procedures outlined in this article would be ideal in all situations. Anyone considering these techniques must weigh the need and benefits against the costs and effort.

Table of Metric-English Equivalents

1 cm = 0.39 inch	1 inch = 2.54 cm
1 m = 3.28 feet	1 foot = 0.305 m
1 m = 1.09 yards	1 yard = 0.91 m
1 km = 0.62 miles	1 mile = 1.61 km
1 hectare = 2.5 acres	1 acre = 0.4 hectare
1 ml = 0.2 tsp	1 tsp = 5 ml
1 ml = 0.07 tbsp	1 tbsp = 15 ml
1 liter = 33.8 fl oz	1 fl oz = 29.6 ml
1 liter = 2.1 pts	1 pt = 0.47 liter
1 liter = 1.06 qt	1 qt = 0.95 liter
1 liter = 0.26 gal	1 gal = 3.79 liter
1 gram = 0.035 oz	1 oz = 28.3 g
1 kg = 2.2 lb	1 lb = 0.45 kg
1 tonne = 2205 lb	1 ton = 907.2 kg

REMINDER

Have you paid your membership dues? If you have not already done so, PLEASE REMIT TODAY!

CANADIAN GOLF SUPERINTENDENTS ASSOCIATION

Presents the

28th ANNUAL CANADIAN TURFGRASS SHOW

at

Calgary Inn — Calgary, Alberta, Canada — March 14, 15, 16, 1977

Sponsored by the

CANADIAN GOLF SUPERINTENDENTS ASSOCIATION IN CO-OPERATION WITH

Southern Alberta Turfgrass Association — Northern Alberta Turfgrass Association — Alberta Golf Association — RCGA Green Section

General Chairman

James A. Wyllie, C.G.C.S.
Past-President, C.G.S.A.

SUNDAY, MARCH 13

3:00 p.m. - 6:00 p.m.
Early Registration — Main Lobby
6:30 p.m. — 8:00 p.m.
"Wine & Cheese Party — Bonavista Room
(Courtesy Rainbird (Canada))

MONDAY, MARCH 14

8:00 a.m. — 4:00 p.m.
Registration — Main Foyer
8:00 a.m. — 5:00 p.m.
Exhibits Open — Britannia Room & Foyer Area
— Visit at your convenience

10:00 a.m.
Welcome by:

Larry Brown, President C.G.S.A.
Alderman M. E. Ryan, City of Calgary
Stan Bishop, President S.A.T.A.
Ray McDonald, President N.A.T.A.
T. K. Summerell, R.C.G.A.

10:30 a.m.
Keynote Speaker
"To be announced"

11:30 a.m.
Official Ribbon Cutting and Opening of
Exhibits — C.G.S.A. Directors

Lunch

Afternoon Session Chairman
Sid Puddicombe, Superintendent
Mayfair Golf and Country Club
Edmonton, Alberta

1:30 p.m.
"Golf Course Construction and
The Golf Course Master Plan"
W. (Bill) Robinson, Golf Course Architect
Fiddlers Green, Amherst, Massachusetts

2:15 p.m.
"Aquatic Ecosystems and your Golf Course"
Dr. John R. Allan
Agriculture Canada Research Station
Lethbridge, Alberta

3:00 p.m.
Coffee Break

3:15 p.m.
"Fertility Programs and
Other Methods of Poa Annuua Management"
Dr. Roy L. Goss, Agronomist/Turfgrass Specialist
Western Washington Research —
Extension Centre
Puyallup, Washington

5:30 p.m. — 7:00 p.m.
Cocktail Party — Exhibit Area
Compliments of the CGSA
Registered Delegates only
Does not include students or day passes

TUESDAY, MARCH 15

8:00 a.m. to 6:00 p.m.
Exhibits Open — Visit at your convenience

8:00 a.m.
Registration — Main Foyer
Morning Session Chairman
Ken Olsyvik, Superintendent
Redwood Meadows Golf Club
Bragg Creek, Alberta

9:00 a.m.
"The Use of Wetting Agents on
Golf Course Turf"
Mr. Robert A. Moore, President
Aquatrols Corporation
Pennsauken, New Jersey

9:45 a.m.
"Manage your Turf to Encourage
Poa Annuua"
Dr. Paul Rieke, Professor Turfgrass Science
Michigan State University
Michigan

10:30 a.m.
"Panorama of Alberta Golf Courses"
Slide Presentations
Panel:

Mr. Dean Morrison — Willow Park Golf & C.C.
Mr. Norm McKinley — Canyon Meadows Golf
& C.C.
Gary Perks — Point Grey Golf & C.C.

11:30 a.m.
Visit Exhibits

Lunch

Afternoon Session Chairman
Don Campbell, Mgr./Superintendent
Riverside Country Club
Saskatoon, Saskatchewan

1:15 p.m.
"Water-Too Much and Too Little"
Dr. James Beard, Professor of Turfgrass Physiology
Texas A & M University

2:00 p.m.
C.G.S.A. Annual Meeting & Election of Officers
— Mayfair Room

Evening

8:00 - 11:30 p.m.
"Beer Bash & Western Night"
— Lecture Halls
Sponsored by the Southern Alberta
Turfgrass Association

WEDNESDAY, MARCH 16

Morning Session Chairman
Mr. R. (Bob) Trevis
Kanawaki Golf Club
Caughnawaga, Quebec

9:30 a.m.
"History on the Development of Sprinkler
Irrigation in North America"
Mr. C. J. (Colin) MacKay, General Manager
Rainbird (Canada)
Surrey, B.C.

10:15 a.m.
Coffee Break

10:30 a.m.
"New Trends in Automatic Watering"
Mr. John Singleton, Director
National Institutional Sales
The Toro Company
Minneapolis, Minn.

11:15 a.m.
"Can We Recognize the Symptoms
of Over Watering?"
Dr. Jack Eggens, Professor
Turf Management
University of Guelph

12:00 p.m.

Lunch

Afternoon Session Chairman
Ashley Legeyt
Kelowna Golf & Country Club
Kelowna, B.C.

2:00 p.m.
"Water — Let's Think of the Soil"
Dr. Paul Rieke, Professor
Turfgrass Science
Michigan State University
Michigan

2:45 p.m.
Coffee Break

3:00 p.m.
"Growing Grass with GCSAA"
Mr. T. W. (Ted) Woehrle, CGCS, Superintendent
Oakland Hills Country Club
Troy, Michigan
President — GCSAA

3:45 p.m.
"Traffic Stress — Causes & Prevention"
Dr. James Beard, Professor of Turfgrass Physiology
Texas A & M University

6:30 — 7:30 p.m.
Reception — Foyers 1 & 2

7:30 p.m.
CGSA Annual Banquet — Britannia Room

THURSDAY, MARCH 17

Irish Day in The Rockies
Full Tour of Banff and Lake Louise
Lunch at Lake Louise

See enclosed for details

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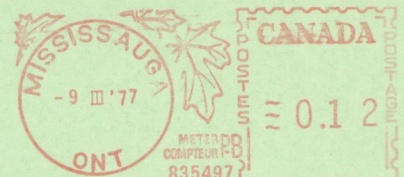
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