

August 2018

ON COURSE

OFFICIAL PUBLICATION OF THE

ONTARIO GOLF SUPERINTENDENTS' ASSOCIATION

Interacting with

Urban Coyotes

ALSO IN THIS ISSUE:

OGSA and GCSAA Joint Meeting

Open Season: Hiring Interns

The Canadian Road to Shinnecock

CANADA POST PUBLICATIONS MAIL
PUBLICATIONS AGREEMENT No. 40027105

Postmaster: Please return undeliverable copies to
The OGSA, 328 Victoria Rd. S., Guelph, ON N1L 0H2

LEAVE THE STRESS TO GOLFERS.

THE NEW TURFRX FAIRWAY+ BRINGS NEW MEANING TO WEATHER RESILIENCE

Your go-to for a healthy fairway just got better. Redox TurfRx Fairway+ brings complete nutrition to your tees and fairways with additional P+, resulting in deeper rooting and increased turf health. Based on a foundation of available carbon, TurfRx Fairway+ uses existing nutrition in the soil to create an efficient, strong and healthy plant – no matter the species.

With BrettYoung and products like TurfRx Fairway+ by your side, environmental pressures won't stress you out.

CONTACT US TO LEARN MORE
1.800.665.5015 | brettyoung.ca/turf



PRESIDENT'S MESSAGE

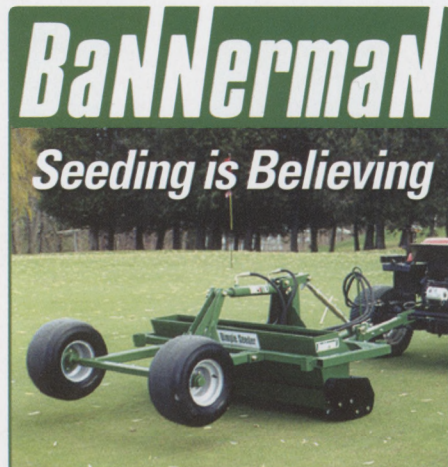


By Cory Janzen
OGSA President

By now you have probably seen our new promotional video, "Today in Ontario." We hope to use this video and other promotional items to enhance our professionalism, dedication, and stewardship to people outside of the turf industry. A big thank you to OGSA members, Jim Flett, Tim Muys, and Owen Russell for allowing their courses to be filmed and assisting in getting the best footage possible. We are excited and will promote this video to as many people as possible.

In late July we had a joint Board meeting with the GCSAA at the historic Toronto Golf Club. This is significant because the first president of the OGSA and the third president of the GCSAA was also the Superintendent (or Greenkeeper at the time) at Toronto Golf Club. It was great to sit down with the GCSAA Board in an official capacity and many positive discussions were had. The OGSA is one of the founding chapters of the GCSAA and our relationship and mutual respect is stronger than ever.

Hopefully everyone is enjoying the summer so far. We haven't had much rain in Kitchener but it is a good test of our 16 year old irrigation system. We are lucky to have a good source of water but I know that not everyone has the same situation. Hopefully you have had some timely rain and are getting the chance to enjoy the great weather. As always, please consider writing an article for ONCourse magazine – our readers really enjoy hearing from their colleagues. And I know I say it often but also consider serving on the OGSA Board. For me, it has been a great learning experience on how our association runs smoothly and how much goes on behind the scenes that we are not aware of. Sally, Courtney, and Laura do a great job on our behalf. The group of Directors is outstanding and I see a bright future for the OGSA and its members. ■



Simple Dimple Seeder Bannerman B-SDS-4-H

1. Accurately dispenses bent grass & blue grass seed
2. Easy to calibrate – variable seeding rates
3. Break up ice on Greens
4. Tow with any turf vehicle

Call Bannerman today:
1-800-325-4871

ATTENTION! IPM Certified Agents

Get your
recertification credits
ON-LINE with

P.D. Solutions

★ Now offering ★
MORE Courses!

Visit:

www.pdsolutions.ca

or call

1-877-977-6774



Editor

Courtney White
members@ogsa.ca

Publisher

Terry Davey
terry@blenheim.ca

Advertising & Administrative Manager

Diane Davey
diane@blenheim.ca
Tel: 289-337-4305

Production & Design

Patrick Kilborn
patrick@blenheim.ca

ONCourse is published four times a year
(November / March / June / August)
by Blenheim INK for:



Ontario Golf Superintendents' Association

Sally Ross, Executive Manager
Guelph Turfgrass Institute
328 Victoria Road South
Guelph, ON N1L 0H2

Tel: 519-767-3341
Toll Free: 877-824-6472
Fax: 519-766-1704
Email: manager@ogsa.ca
www.ogsa.ca



Published by Blenheim INK

Administration Office:
503-5340 Lakeshore Road
Burlington, ON L7L 7A8

www.blenheim.ca

STAYING POWER

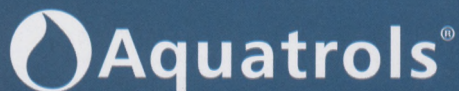


The quality soil surfactant combining long-term strength and application flexibility

Sixteen90™ is a proven soil surfactant chemistry with staying power. Sixteen90 is specifically formulated to provide outstanding water management performance, with built-in flexibility to best fit your golf course's unique challenges.

Benefits of Sixteen90:

- Provides excellent, long-term control over water repellency
- Flexibility to use as a bi-weekly, monthly or 90 day program
- Improves water movement in the soil profile
- Improves turf quality
- Safe for use on all turf varieties



To learn more about **Sixteen90™**, contact your authorized distributor today.



INSIDE THIS ISSUE



ON THE COVER

Coyote at The Toronto Golf Club, courtesy of Andrew Silver, MNRF.

Features

- 10 **GC Highlight & Member Profile**
Kawartha Golf and Country Club
Jennifer Pendrith, Superintendent
- 14 **Pro Super Tournament Recap**
- 15 **The Canadian Road to Shinnecock**
- 16 **Open Season: Hiring Interns**
- 19 **Interacting with Urban Coyotes**
- 22 **Drones: What You Need to Know Before You Fly**

Regular Contributors

- 8 **What's New: OGSA & GCSAA Joint Meeting**
- 24 **Off the Fairway**
- 26 **Looking Back**
- 30 **Turf or Consequences**

Departments

- 3 **President's Message**
- 7 **Editorial Message**
- 28 **Member Moments**

ONCOURSE EDITORIAL COMMITTEE

Lacy Droste, Andrew Hardy, Sally Ross, Al Schwemler, Courtney White.

INDEX OF ADVERTISERS

ALMACK AGRONOMIC SERVICES INC.	19
AQUATROLS www.aquatrols.com	4
BANNERMAN www.sportsturfmagic.com	3
BAYER www.bayeres.ca	6
BRAEMAR BUILDING SYSTEMS www.braemarbuildings.com	27
BRETTYOUNG www.brettyoung.ca	2
FMC www.fmcprosolutions.com	31
GREEN JACKET www.greenjacket.com.com	26
JOHN DEERE www.johndeere.ca/golf	13
KAM'S GROWERS SUPPLY INC www.kams.ca	7
NUTRITE www.nutrite.com	21
ONTARIO SEED COMPANY www.oscturf.com	30
P.D. SOLUTIONS www.pdsolutions.ca	3
TURF CARE PRODUCTS CANADA www.turfcare.ca	32
TURF CARE PRODUCTS CANADA (IRRIGATION) www.turfcare.ca/golf-irrigation	23
TARGET SPECIALTY PRODUCTS www.target-specialty.com	25
ZANDER SOD CO. LIMITED www.zandersod.com	20

ONCOURSE 2018

Although every effort is made to check material for publication, the association is not responsible for material published on behalf of its contributors.

All rights are reserved by the publisher and any reproduction in whole or part without the written permission of the publisher is prohibited.

Although some trade names may be mentioned in articles contained in this publication, no endorsement is intended or implied by the Ontario Golf Superintendents' Association.

OGSA is committed to serving its members, advancing their profession, and enriching the quality of golf and its environment.

Dynamic Duo

Your fall program is key to your summer success.



**Trilogy[®]
Stressgard[®]**



**Interface[™]
Stressgard[®]**



Whether you need the long lasting control of Trilogy Stressgard over winter or just looking for piece of mind with Interface Stressgard, Bayer has your solution.

www.bayeres.ca 1-888-283-6847  @BayerGolfCA

ALWAYS READ AND FOLLOW LABEL INSTRUCTIONS. Bayer, the Bayer Cross, Interface Stressgard and Trilogy Stressgard are trademarks of Bayer.

EDITORIAL MESSAGE



By Courtney White,
OGSA.

Hellooo there summer! You look gorgeous as usual! Of course, we could use more rain but it's finally warm. For me, this summer is a time to explore my own back yard which means that on my weekends (in

addition to tasting the wares of some of the finest microbreweries in Ontario) I get to cross paths with golf courses across the province. It's exciting to see the golf courses buzzing, alive with blooming plants, scampering wild life, babbling brooks, water features, and the sound of birds and breezes in the tree tops. I really can't think of a more beautiful office to work in, and you have the pleasure of waking up each morning surrounded by nature's beauty.

Part of my weekend fun also includes keeping my eyes peeled for wildlife nearby! Which seems to be an easy task when I'm near a golf course! Of course, working so

closely with wildlife comes with its own set of challenges, and finding ways to coexist with coyotes is a focus for Al Schwemler and his team at The Toronto Golf Club. Ontario's courses are a cornucopia of microclimates that not only support our creatures, but also plant life. Chris Cummings focuses on best practices when creating beautiful garden spaces with microclimates in mind, to ensure your landscapes thrive. One of Chris' main themes when planning a garden space is to plan for the future. I know, you're in the furrows executing this season's projects and shaping all of this splendid nature for golfers, guests and neighboring communities, but it's not too early to think about next year's needs. Hiring seasonal staff can be a challenge and if you're someone who could use a new hiring strategy, consider developing an internship program at your club for next season! We talked to some experts who have shared their advice on how to develop and execute a successful internship program that could help to make your seasonal hiring a little easier.

I hope you take the time to stop, breathe deeply, and enjoy your surroundings. Be sure to take a break, crack open a local brew and read about Sean Van Beurden's road to Shinnecock and Doug Breen's top ten hysterical moments in (his) turf. Thank you for reading this month's issue! Enjoy the rest of your summer my friends! And if you happen to see a blue van pull up and a wandering soul hop out to snap a few pictures...it's me. Admiring all that you do. ■

MARK YOUR CALENDARS UPCOMING 2018 OGSA Tournaments

Assistant's Tournament

Listowel Golf Club
September 18, 2018

OGSA/WOGSA Joint Event

Lookout Point Country Club
October 1, 2018

Receive
a YETI Rambler
20oz Tumbler

with the purchase of
4 x 10L Prodex T 240SC
or 2 x 500g Azhoshy 50 WDG
(while quantities last)



Keep money in your budget and disease out of your turf.

Control your toughest turf diseases with two
tried-and-tested active ingredients — at great value.

Azoxystrobin

Azoshy 50 WDG Fungicide

The most cost-effective strobilurin available.

- Fast acting • Long lasting
- Broad-spectrum control
- Reliable, systemic control
- 4 x 500 g jugs/case

Iprodione

Prodex T 240SC

Cost-effective broad-spectrum disease control.

- Quick knockdown
- Year-round disease control
- Contact and locally systemic
- 2 x 10 L jugs/case

	Azoshy 50 WDG	Prodex T 240SC
Anthrachnose (<i>Colletotrichum cereale</i> syn. <i>C. graminicola</i>)	⊙	
Brown Patch (<i>Rhizoctonia solani</i>)	⊙	⊙
Dollar Spot Control (<i>Sclerotinia homeocarpa</i>)		⊙
Fairy Ring (<i>Basidiomycete</i> , including <i>Lycoperdon</i> spp.)	⊙	
Fusarium Patch/Microdochium Patch (<i>Microdochium nivale</i>)	⊙	⊙
Grey Snow Mould (<i>Typhula incarnata</i>)	⊙	⊙
Grey Snow Mould (<i>Typhula ishikariensis</i>)		⊙
Leaf Spots and Melting-Out (<i>Bipolaris sorokiniana</i> , <i>Drechslera poae</i>)	⊙	⊙
Pink Snow Mould (<i>Microdochium nivale</i>)		⊙
Pythium Blight (<i>Pythium aphanidermatum</i>)	⊙	
Summer Patch (<i>Magnaporthe poae</i>)	⊙	
Suppression of Take-All Patch (<i>Gaeumannomyces graminis</i> var. <i>avenae</i>)	⊙	



KAM'S
GROWERS SUPPLY INC.

Call us for your local dealer

1-877-821-1684 • orders@kams.ca

WHAT'S NEW

OGSA and GCSAA Joint Meeting

at The Toronto Golf Club



(L-R) Eileen Bangalan (Sr. Director, Business Strategy, GCSAA), Jeff White (GCSAA Director), LeAnn White, Valerie Barker, T.A. Barker (GCSAA Director), Fran Wyllie, Mark Prieur (OGSA Imm. Past President), Ryan Scott (OGSA Director), John Fulling (GCSAA Secretary Treasurer), Susan Fulling, Darren Davis (GCSAA President), Cory Janzen (OGSA President), Lori Breen, Kevin Breen (GCSAA Director), Ian McQueen (OGSA Director), Owen Russell (OGSA Director), Jason Boyce (OGSA Vice President), Al Schwemler (OGSA Director), Rafael Barajas (GCSAA Vice President), Tim Muys (OGSA Secretary Treasurer), Colleen Evans, Rhett Evans (GCSAA CEO), John Gravett (OGSA Past President, COO of the Toronto Golf Club), Sally Ross (OGSA Executive Director), Shelia Finney (Sr. Director Member Programs, GCSAA), Jim Wyllie (Past President, OGSA (1973) CGSA (1974) & GCSAA (1982)).

By Sally Ross, OGSA Executive Director,
Photos courtesy of Meg Matera Photos.

Being an affiliated chapter of the GCSAA has many advantages and hosting our friends for a joint meeting in Ontario, something that has not happened for many years, was indeed a privilege. The two day event began on a hot and humid July evening, with board members and staff from the GCSAA travelling to Toronto from across the U.S.

OGSA directors and I were on hand to greet our esteemed colleagues, and both associations collectively welcomed special guests Jim and Fran Wyllie for dinner. We often talk about icons and great contributors, but can you imagine serving as OGSA President, CGSA founding member and President, and GCSAA President? How truly splendid and certainly unprecedented; Jim is truly an icon.

The dinner was an excellent forum for each board to become acquainted with their counterpart before the formal meetings began. I had the privilege of highlighting the history between the two groups, welcoming everyone to Ontario and introducing our president, Cory Janzen, who in turn introduced his board of directors and then asked Jim Wyllie to say a few words. Jim

inspired us all, speaking about his days as GCSAA President and some of the initiatives he spearheaded during his tenure. He reinforced his desire to see another Canadian at the helm of the GCSAA stating that we have many superintendents in Ontario who have the capability to do an outstanding job in that role.

Darren Davis, GCSAA President spoke, introducing his board and expressed his pleasure at being able to travel to Ontario to hold GCSAA summer meetings jointly with us. Rhett Evans also spoke and reiterated our joint dedication to our mission statement. John Gravett and Al Schwemler shared the historical significance of hosting the joint meeting at the Toronto Golf Club, discussing the club itself as well as William Sansom, the club's first superintendent, first OGSA president and the third president of GCSAA.

In the early days, we weren't Canada and the United States, we were all North America. The OGSA was the Canadian Golf Greenkeepers Association and the GCSAA was the Golf Superintendents Association. While times have changed, what we are still very sure about is that we are all in this together, the brotherhood transcends borders, we know what is good

for the profession on both sides.

Both organizations are committed to member service first and foremost, and dedicated to our superintendents, their profession, our industry and our mission and this came across loud and clear during our joint board meeting the following day.

Overall, the inspiration garnered by all over the two days was outstanding. Everyone in attendance was challenged to think about ways to improve what we do, how we do it, how we build and how we can grow. Our productive, collaborative, and lively discussions reinforced and cemented our relationship even more and both groups look forward to a great future full of growth and positive outcomes. And, like in the 1920's when both associations came into being, often these things just start with an idea and an exchange around a table.

The OGSA would like to thank John Gravett, COO and Al Schwemler, Property Manager and the entire staff of the Toronto Golf Club, for helping us entertain our American friends in style, and we would like to thank Darren Davis, GCSAA President for choosing Toronto for his summer meetings. ■



Joint OGSA and GCSAA Board Meetings.



(L-R) OGSA Director, Owen Russell, GCSAA President, Darren Davis, CGCS, OGSA Vice President, Jason Boyce.



(L-R) Darren Davis shares a moment with Rhett Evans and Jim Wyllie.



(L-R) Eileen Bangalan, Rafael Barajas, CGCS, GCSAA Vice President, and Shelia Finney.

WELCOME

to Our New Members

Tyler Cave	Class F
Deer Ridge Golf Club	
The Andersons, Inc.	Class E
Wacker Neuson Ltd.	Class E

Kawartha Golf & Country Club

777 Clonsilla Avenue
Peterborough, ON K9J 6Z6
705-772-5736
jpendrith@kawarthagolf.ca

www.kawarthagolf.ca

18th Hole
Photos courtesy of: Jennifer Pendrith

Member since 2000

Jennifer Pendrith

Superintendent, Kawartha Golf and Country Club

*By Lacy Droste, University of Guelph, Turfgrass Management Graduate,
Current BSc Agr Turfgrass Science Major.*

About the Course

Built in 1932 by architect Stanley Thompson, Kawartha Golf and Country Club was originally a 9-hole layout with the remaining 9 holes being built in 1938. The course consists of small challenging greens, long par 3's and deep bunkers that allow for a fun course to be played. Over the years, the city has developed around the course. The 180 acres of green space is home to many wildlife species including deer, foxes and coyotes.

Private, semi-private, public, municipal, resort: Semi-Private

Architect: Stanley Thompson

Number of holes: 18 Holes

Number rounds annually: 30, 000

Practice Facility: Yes

Number of Staff: 2 year-round staff and 13 seasonal staff

What does cemetery lawn and flower bed maintenance, working on a pick-your-own fruit farm, and landscaping at the Toronto Board of Trade all have in common? These jobs are all outside and coincidentally, being outside was one of the only requirements Jennifer Pendrith had when seeking summer employment as a high school and Bachelor of Science in Agriculture student.

Toronto Board of Trade Golf Club is where Pendrith began her path to becoming a superintendent. Despite never stepping foot on a golf course and feeling some of the intimidation that comes with working in a new environment, Pendrith accepted both the job and the challenges. Pendrith joined the industry at a time when female superintendents were uncommon and although we've seen an increase in female superintendents over the last 20 plus years, there were stereotypes Pendrith felt she had



*Jennifer Pendrith, Superintendent,
Kawartha Golf and Country Club*

to overcome. "I was young, stubborn, and I enjoyed proving people wrong. So those stereotypes which obviously have many negative effects on society in the grand scheme of things, may have provided me with even more drive and determination to succeed." Having just completed her second year at the University of Guelph, in a program related to horticulture and environmental management, Pendrith

In the Hot Seat

Q: Favourite Major?

A: The Masters

Q: Best Piece of Turf Equipment?

A: Toro 648 Aerator

Q: Lowest Round Ever and Where?

A: Even par at Weston Golf & Country Club (a best ball tournament with our pro, Mark Ahrens!)

Q: Ultimate Foursome?

A: My brother Taylor Pendrith, my daughter Brooklyn...and maybe my dog Clover!

Q: Favourite Movie?

A: My Best Friend's Wedding

Q: Favourite Meal?

A: Zucchini noodle pasta with Greek salad

Q: Favourite Golf Course?

A: Kawartha, of course, but next would be Muskoka Lakes Golf & Country Club

Q: Favourite Golf Course Designer(s)?

A: Stanley Thompson

Q: Favourite Band?

A: Great Big Sea

became intrigued with the world of golf course maintenance and much of what she was learning in the classroom was applicable to the golf course. Pendrith began to focus more on turfgrass related courses. She continued to return to the Toronto Board of Trade Golf Club for the next few summers and upon graduation, Pendrith was offered a full-time position. She worked under Gord Witteveen, who had a significant influence on Pendrith during this critical time in her career when she was deciding if she wanted to stay in the industry. She was given more responsibility and recalls, "I loved taking on that leadership role, and it was rewarding to know they had confidence in my ideas and contributions to course maintenance and projects." Pendrith realized that she wanted



Eighth hole, photo courtesy of Jennifer Pendrith.

to become a leader within the industry. After moving up the ladder as a crew leader and second assistant, Pendrith accepted a position at Muskoka Lakes Golf and Country Club to become a first assistant, where she met one of the most influential

people in her career, Jim Flett, who gave Pendrith an opportunity and created a role for her on his team that directly led her to where she is today. For that opportunity Pendrith says, "I'll be forever grateful to him for that."

What You Need to Know

Predominate grass type: Annual bluegrass/bentgrass

Predominant soil type: Silt-loam

Types of greens: Predominantly push-up, however, there is one modified California style

Course length: 6464 yards

Size of greens: 2.5 acres

Size of tees: 2 acres

Size of fairways: 26 acres

Major Challenges

The biggest challenge is Kawartha Golf and Country Club's green sites. Shade, surface and subsurface drainage, and rootzone characteristics result in both off-season and in-season challenges.

"I had the pleasure to work with Jennifer during the late 90's, early 2000's when she was assistant superintendent at Muskoka Lakes. Like today, she had a strong passion for working in the industry, and a huge thirst for knowledge. Her environmental biology degree background from Guelph helped her to be an excellent problem solver while being extremely hands-on and not afraid to get down on the turf to determine to the root of the problem. Her strong communication and presentation skills set her apart from many. If family life hadn't got in the way, she would have made a great president if she was able to continue up the ranks of the OGSA board."

– Jim Flett, Superintendent, Muskoka Lakes Golf and Country Club

There were no gender-specific roles under Flett's leadership. People were evaluated based on their skills and contributions. Flett helped build Pendrith's confidence and develop her abilities by wholeheartedly believing in and supporting her. Pendrith credits her level of confidence to working at Muskoka Lakes Golf and Country Club, and feels it played an important role in her ability to become the superintendent at Kawartha Golf and Country Club and serve on the Ontario Golf Superintendents' Association Board of Directors from 2007 to 2011.

At Kawartha Golf and Country Club, Pendrith is surrounded by two full-time staff, an equipment technician, an assistant superintendent, long-term seasonal staff as well as a few new hires each spring. Pendrith feels the team is a cohesive unit with good work ethic and she works to provide the team with an exciting and motivating work environment. In addition to Pendrith's maintenance team, her brother Taylor, is also a valuable asset for achieving desirable playing conditions. Taylor is a golfer for Team Canada Young Professionals and can offer Pendrith his unique perspective on course conditions, which makes her even more excited about her role in growing the game of golf.

To help maximize productivity while maintaining a good working relationship with her staff, Pendrith works to provide as much feedback as possible. She wants individuals to know what they are doing right in addition to where they can improve. Her expectations are very clear, and ongoing training is conducted throughout the season. Pendrith also does her best to make room for some fun. One of her most cherished memories as superintendent is when she received a radio-call from her daughter, who was four at the time, saying "Mommy, come



Flood damage in creek by the 12th hole, photo courtesy of Kelly Drum.



Flood damage at the main entrance drive way, photo courtesy of Kelly Drum.

in please, over." To this day that is the best radio call Pendrith has ever received.

The first thing Pendrith does every morning is pray for the rain gauge to be empty, followed by checking the gauge to see whether or not her prayers were answered. This ritual began after the 2004 July flood, when Peterborough received over six inches

of rain in just a few short hours. This was a day she will never forget; the entrance road washed away, bunkers collapsed, bridges were crushed, and the 11th green had a hole in it so large you could lose a car in it.

Despite the wrath of Mother Nature, Pendrith considers the 2004 flood as the catalyst that sparked exciting improvements to the course. These improvements included a bunker renovation project, the installation of a new irrigation system and pump station in 2005 and 2006, and the remodelling of a green and fairway.

The exciting improvements to Kawartha Golf and Country Club have not stopped. Kawartha Golf and Country Club is entering into a revitalization plan that involves selling some land, the relocation and construction of a new maintenance facility, the construction of two new golf holes while realigning a pre-existing hole and building a new clubhouse. The future is bright for both Kawartha Golf and Country Club and Jennifer Pendrith. ■

"Jennifer is a very compassionate and knowledgeable golf superintendent. Kawartha is ranked 15th in Canada for Best Courses. She works with very dedicated greens staff and all members are proud of her workmanship. She always has the course in perfect condition. I talk to Jennifer at least twice a week while I am on the course playing golf. I always compliment her on the conditions and of course I like to give her dog, Clover, a big hug."

– Noranne Flower – Member, Kawartha Golf and Country Club



JOHN DEERE

Trust
It's why Bellerive chose us for the 100th PGA Championship.



The 100th PGA Championship is coming to Bellerive Country Club in 2018 and Superintendent Carlos Arraya, his crew, and volunteers from all over the world will be ready for the last PGA Championship to ever take place in August. Joining them every step of the way will be John Deere. "I don't think there's a single piece of equipment we can pinpoint that's not done well," says Carlos. "With all that goes into a purchase of this size, I can tell you that John Deere gets five stars because of all the things that they have communicated."

For a championship performance on your own course, contact your John Deere Golf distributor today.

Trusted by the Best



PGA

Official Golf Course Turf Equipment Partner

JohnDeere.ca/Golf

74000

Pro Super Tournament Recap

Muskoka Bay Club.

*By Courtney White, Member Services, OGSA
Photos courtesy of the OGSA.*

The OGSA staff, superintendents and golf pros made their way to the captivating Muskoka Bay Club on June 5, for a morning of friendly competition, networking, excellent food, and a Caesar bar compliments of host superintendent Chris Goodman. The weather was par for the course this spring, featuring cold breezes and overcast skies, but the crowd agreed that the cool morning was a blessing in disguise effectively keeping the black flies at bay. Golfers were treated to an excellent breakfast and then teed off!

After a spirited round, the results were in!

Congratulations to:

1st place team: Lakeview GC, Brad Bell & Martin Mitchell (64)

2nd place team: Hamilton G&CC, Rhod Trainor and David Miller (65)

3rd place team: Summit GC, Dave Paterson and Ian Leggatt (68)

Other prize winners were:

Closest to the Pin: Superintendent winner, Mike Powers (National Pines GC) & Golf Pro winner, Joe Cupido (Willow Valley GC)

Longest Drive: Superintendent winner, Scott Heron (The Toronto Hunt) & Golf Pro winner, David Miller (Hamilton G&CC)

The team from Lakeview GC cleaned up winning \$495 of the \$660.00 skins pool and Thom Charters left with an envelope full of cash when his 50/50 draw ticket was pulled. But the real celebration erupted earlier in the day when Bob Culig landed a HOLE IN



(C) Owen Russell presents the Bill Bowen trophy to first place winners (L) Martin Mitchell, (R) Brad Bell.



(L) Bob Culig and Owen Russell pose with Bob's hole in one flag.



(L) Mike Powers and Scott Brook at the caesar bar.



Muskoka Bay Club greens crew hard at work.

ONE on the 6th hole and the cheers could be heard across the course, and perhaps Muskoka Bay itself. His ace garnered him the balance of the skins pool. Overall the tournament was a great success and we

would like to thank all the attendees and our hosts, superintendent Chris Goodman, golf professional Jacklynn Miller, and director of golf TeeJay Alderdice, for supporting this great event! See you next year! ■

The Canadian Road to Shinnecock



Written by and photos courtesy of Sean Van Beurden, Assistant Superintendent, Westmount Golf & Country Club.

Months prior to the event I submitted my volunteer application, hoping for the opportunity to be a part of such a prestigious tournament at a world-renowned venue. The initial response read: Due to the high response of applicants we've received, you have been put on a waiting list. As expected, I wasn't the only *turfie* that wanted to volunteer at Shinnecock Hills Golf Club for the U.S. Open, and as I later found out there were almost 600 applicants. This number not only shows how special this event would be, but also how committed the individuals in this industry are to assisting our colleagues when in need.

Two weeks prior to the tournament, I received the call asking if I was still interested in volunteering. Given the short notice, I had a few personal commitments to juggle and asked my boss for a week off in the summer (thanks Cory!). I returned the phone call and committed to the opportunity of a lifetime. After a 10 hour road trip through New York, Pennsylvania, New Jersey, and back to New York, I arrived in the legendary Hamptons at Shinnecock Hills Golf Club. Having worked at Hamilton Golf and Country Club for the 2012 Canadian Open, I thought I had an idea of what to expect. I certainly underestimated the grandeur of Major PGA tournament at such historic venue.

The volunteer set-up was organized by the assistant superintendent Lindsay



Brownson, who went above and beyond to make the experience for the volunteers as enjoyable as possible. The whole set-up was fantastic; accommodations were a 10-minute walk to the turf maintenance centre and the food and drink (including plenty of coffee) available for the staff was unbelievable. When word got out how good the food was at the volunteer tent a wide range of non-turfies joined in, including volunteer police officers, USGA officials and even a few club members.

Although all of us in the industry should be accustomed to early morning alarms by now, 3 am still arrives pretty quickly. With 50 staff and 100+ volunteers, Mike Ford, Senior Assistant, orchestrated the maintenance scheduling with poise and composure. As each shift passed, the entire crew and

volunteers became a well-oiled machine. Even Jon Jennings, Superintendent, who is incredibly detail-oriented, found it tough to find room for improvement going into the weekend of the tournament. I believe this was not only a testament to how well organized the management staff was, but how well the volunteers bought into the team environment and would do whatever was necessary to make the course as close to perfection as possible. It's a humbling experience to know that you are in a room full of extremely qualified and experienced turf professionals who have come together to form one small part of a large team. This comradery is what makes this industry so unique and special.

After a week of early morning and late evening shifts, one of the highlights was standing beside the 18th green as the soon-to-be-crowned back-to-back champion Brooks Koepka made his final putt. Afterwards Brooks gave a shout-out to all of the maintenance team and posed with us for a photo on the green.

I would like to thank Jon Jennings and the entire management staff at Shinnecock Hills Golf Club for allowing me to come down for an incredible week. Congratulations on hosting the world's best golfers on such a beautiful and immaculately maintained golf course. It was an experience I won't soon forget and I highly encourage anyone who has the opportunity to be a part of any large-scale event to do so. ■

An illustration of a golf course scene. In the background, there are several tall, dark green evergreen trees. In the foreground, there's a green golf course with a white flag on a pole. To the right of the flag, there are some rocks and a small, light-colored tree. At the top of the page, there's a wooden sign with a red border that says "OPEN SEASON" in bold, red, capital letters.

OPEN SEASON

Hiring Interns

Is your job posting locked and loaded?

By Courtney White, Member Services, OGSA.

Next year's herd of seasonal employees hide quietly amongst the trees on the edge of open fairways, growing, observing and developing their golf course survival skills, waiting for the opportune moment to reveal themselves as novice superintendents ready to stretch their legs. Meanwhile, our beloved hunter, the superintendent, is head down, focused on this year's demands with next year's corral in the far corners of their minds.

It's no secret that golf courses across Ontario struggle to fill positions. The demand for junior assistants far outweighs the supply and competing for affordable quality staff has become a challenge for superintendents. In an effort to get ahead of the springtime hiring frenzy, now is the time to get your job posting locked and loaded. Or at least, it's time to start thinking about next year's employment needs and look to the trees.

One way that superintendents can attract excellent seasonal employees is to develop a paid internship program. Steve Fleischauer, Director of the Associate Diploma in Turfgrass Management at the University of Guelph (U of G) shared some best practices when vying for the attention of the 20-30 students who enroll in his program each

year. "There is a lot of competition and we're a small program. The most important step is to submit a timely job posting. The second most important task is to develop a robust internship program where the intern gets preferred experiences." Some students are motivated by the opportunity to travel, some by prestige, some by convenience, but all of them are motivated by the hands-on

The most important step is to submit a timely job posting. The second is to develop a robust internship program where the intern gets preferred experiences.

experience they will gain over the summer. Ontario's students aren't just considering local courses; they're being exposed to internship opportunities across Canada, the USA and occasionally beyond. However, according to Fleischauer, an average 75% of his students stay in Canada which is good news for Ontario's superintendents.

When developing a job description designed for an intern, be as thorough as possible about why your club is more alluring than the one down the road, or over the border. It can and should include things like: major projects on the go or in the planning stages, types of greens, irrigation

system, facilities, significant tournaments, recreational opportunities on or near the club, housing and meal options, if the club is Audubon sanctioned, environmental challenges, and other employee incentives that will entice a student.

Mark Kuhns, the director of grounds at Baltusrol Golf Club in Springfield, New Jersey, runs a very successful internship program each summer which can range in size; this year he has six interns on site. Throughout the course of his career, he has mentored 216 students and considers the program essential to the success of his club. "Interns are talented, caring individuals who help to get key projects done and you just can't hire people off the street to do those things."

Kuhns suggests that when hiring an intern, there are a couple of things to keep in mind. One, you are hiring students with limited resources, so if you are able to offer lodging, food, or a vehicle as part of their remuneration package, this can give you some flexibility when negotiating their hourly wage, and they can pocket most of their paid earnings for next year's education. Not to mention, you can pull from a larger pool of students who might just want to travel to you. Jason Pick, an instructor from Olds College agrees with Kuhns and encourages clubs to "acknowledge that there



(L-R) Intern Isaac Swanton and assistant superintendent Dalton Robotham, Madriver Golf Club.

is a cost for students to come and work at your club. Subsidizing living expenses, travel costs, or offering a competitive wage to offset these costs is enticing.” And now, as of last year, members of the OGSA can offer to nominate their intern for the Paul Brown Internship Bursary, funded by G.C. Duke to help cover some of their intern’s expenses.

Budget is frequently a concern and perhaps you don’t have facilities to offer room and board, but don’t discredit your ability to compete. The second (and possibly the more important) draw card is to create an internship program that respects the student’s learning objectives and builds their resume. Denver Hart, a recent turfgrass graduate from the U of G explained, “When looking for an internship placement, I considered my weaknesses and exposure level to various aspects of turf management. I then based my decision on whether or not the position would help me to fill in these gaps in my experience.”

A few ways a club can achieve this is to arrange for field trips to other courses and supplier plants to expose an intern to a larger network of people and projects. Arrange for industry experts who visit your club to spend time discussing relevant topics with your intern while they’re on site. With proper planning, these value-add learning experiences are easy on the budget,

help your intern grow their professional network, and could put your club in the running when students are looking for a place to graze.

Dalton Rowbotham, one of the assistant superintendents at Mad River Golf Club, interned at Mississauga Golf & Country Club and Merion Golf Club in Pennsylvania and had extremely positive experiences. He now helps to run the internship program at

Interns are talented, caring individuals who help to get key projects done.

Mad River. “Reputation and word of mouth is key to building an intern program. If you’re a club who focuses on the student’s needs and develops a program around that, you will end up with an educated turf-minded individual who can perform like a junior assistant, and who will speak highly of you to new students.” Mad River has the ability to offer housing if a student requires it, but they also ensure that their interns attend planning meetings, meet fertilizer reps, expose them to agronomists, soil experts and other individuals who can help enrich their experience. And, never underestimate the value of your personality, leadership style, and your ability to mentor.

Caleb Evans, U of G turfgrass graduate emphasized, “the most important thing I would stress to anyone who is looking into an internship opportunity, would be to start by researching superintendents and reaching out to people who know them. Their reputation and leadership style speaks to the overall atmosphere of the operation.”

CHOOSE YOUR HUNTING GROUND

Kuhns explained that he is continually thinking about the future when it comes to his internship program and he already has two people lined up for Baltusrol’s 2019 season. He makes a point to meet students at various networking opportunities; he attends job fairs and industry conferences throughout the year and delivers talks to turfgrass students at their campus. This type of networking is a great way to establish relationships with industry up and comers,



put names to faces, and well, lay your bait.

If you prefer to rely on job postings to tempt your intern, Guelph students begin to look for internship opportunities at the beginning of November, two months into their first-year studies. If students think about their summer placements in November, then superintendents should think about next season's employment needs now and develop job postings to meet those needs in September. Fleischauer encourages golf courses to submit their job postings to him for the U of G turfgrass program no later than the end of October, beginning of November.

Ontario courses are also invited to contact students a little further from home. The Olds College turfgrass students are available from May – November. Their program is four months long, takes place over three years, and allows for students to gain extensive work experience between sessions. Jason Pick circulates all job postings to his students at the beginning of January when classes begin but continues to keep his eyes open for opportunities that are posted on OGSA.ca and other industry websites throughout the year that might interest his students. Although timing is essential, both Fleischauer and Pick still encourage clubs who have missed the hunt to submit job postings. Even if postings are late, they're still absorbed by the students for the following year.

READY, AIM, FIRE

You've considered your club's needs, you've listed all you can offer a turf minded novice, you've networked and now you have an intern in your sight. They're engaged, ears perked and ready to discuss their objectives for the summer. It is

important to realize that interns are in fact interviewing you too and this is a good thing because these students will work hard on projects that align with their goals. They have heavily invested in themselves by joining a turfgrass program and they want to deliver good results.

Together

you will create a contract that outlines the student's objectives, the club's needs and a commitment from both parties to achieve these goals.

This might feel like a lot of work just to hire a seasonal employee, so what do you get in return for sharing your expertise with our superintendents to be? According to Rowbotham, "executing an internship program isn't the same as hiring summer staff who will show up, perform their assigned tasks and go home. It requires planning, active mentoring, and trusting the fact that you've hired an educated person who has the ability to apply what they've learned and can do significant tasks." Kuhns agrees. "Interns come with an educational background and perhaps some hands on experience, they perform

well

and can take some pressure off of the year round staff."

And, you get to help shape the industry's future by sharing positive experiences, and molding and connecting with the next generation of superintendents who might just be inspired to stay within the golf industry, making future hires a little less stressful.

When competition is high, all anyone can do is gather their best arsenal, show up early, and begin to assess the lay of the land. You may choose the wrong hunting ground, you might arrive a little late, you could be in the right place at the right time but fire and miss.

Or, you just might hit your target and bring home your prize. ■

Internship check list

- ☐ Projects?
- ☐ Irrigation system?
- ☐ Environmental challenges?
- ☐ Types of greens?
- ☐ Significant tournaments?
- ☐ Facilities?
- ☐ Recreation on or near club?
- ☐ Audubon sanctioned?
- ☐ Housing?
- ☐ Meals?
- ☐ Wage?
- ☐ Field trips?
- ☐ Meet industry experts?
- ☐ Other?



Interacting with Urban Coyotes

at The Toronto Golf Club

Collared coyote, photo courtesy of Andrew Silver, MNRF.

*By Al Schwemler, Property Manager, The Toronto Golf Club & OGSA Director
Photos courtesy of Al Schwemler, GPS images courtesy of MNRF.*

URBAN COYOTES – RESEARCH AND GPS TRACKING STUDIES

It has been well documented that coyotes have adapted well to rural and urban environments within southern Ontario. The sheer number of fact sheets published by municipalities is a clear indication that the eastern coyote is found throughout most urban areas of Ontario. A quick internet search of “coyotes plus your city name” will inevitably link you to information on how to prevent and manage conflicts with coyotes. It will also link you to numerous encounters between coyotes and humans. There will be reported sightings of wolves, German Shepherd sized creatures, coywolves, coydogs, and 45 kilogram plus animals roaming the streets, parks, ravines, and golf courses in cities throughout Ontario.

In 2012, the Ministry of Natural Resources and Forestry (MNRF) approached The Toronto Golf Club for permission to trap coyotes on the property, as part of a research study on urban coyotes. Their objectives were to: determine densities, movement, and behavior of coyotes in an urban area; compare these parameters with those determined for coyotes living in a more rural landscape; use research results to help the public and municipalities reduce conflict with coyotes.

Once trapped, the coyotes were muzzled and sedated. This enabled field staff to determine the sex, weigh the animal, take body measurements, collect hair and blood samples for DNA analysis, and measure teeth.



Weighing a coyote during processing.

ALMACK AGRONOMIC SERVICES INC.

SPECIALISTS IN TURFGRASS NUTRITION



Corrie Almack P.Ag.

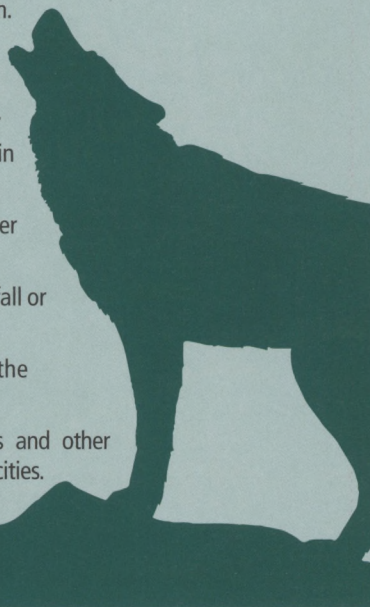
Almack Agronomic Services Inc.
Box 256, Carlisle, ON
L0R 1H0

Tel: (905) 689-6174
Cell: (416) 580-5152
Email: c.almack@sympatico.ca

General Facts on Eastern Coyotes

Source: *Living with Wildlife: The Nature of Coyote* (Ontario Government)

- Found throughout most of southern Ontario.
- Is a hybrid of the western coyote and the eastern wolf.
- Ontario's first reported coyote sighting was in the early 1900s.
- Adult females typically weigh 13 - 16 kg and adult males weigh 16 - 18 kg.
- Territories range from a few square km to over 100 sq km.
- Coyotes are opportunistic feeders; their main diet consists of small mammals (fox, rodents, mice, voles, and rabbits), birds, amphibians, fruit, and grasshoppers.
- Coyotes typically breed in February and pups are born in April/May.
- Litter sizes range from two to 10 pups; an average litter is five to six.
- Juveniles typically find their own territory in their first fall or winter.
- "Packs" include the breeding pair and pups from the current litter.
- Habitat consists of agricultural lands with woodlots and other brushy areas, green spaces and industrial areas within cities.
- Coyotes howl to broadcast their location to family while hunting and travelling, or to establish their territory.



TGC staff member helping out.

During the MNRF research study, we were able to assist the field staff in handling coyotes and collecting data. This included manning the noose, muzzling the animal, carrying the sedated coyote to shaded areas, packaging hair samples, taking body measurements, and handling the scale during weight collection data. What I predicted to be a 22.5 plus kilogram coyote weighed a mere 8 kilograms. You definitely get a better perspective of this wild animal while handling it up close and personal. Once a general health assessment was completed, they were released back onto the golf course and the GPS tracking commenced. Adult males and females, and pups were successfully collared for the study.

Tracking showed corridors used for travel included railway lines, hydro right of ways, ravines, and river/stream valleys. Various locations were frequented on a regular basis, leading to speculation that the coyotes were possibly being fed.

Movements and tracking of the animals depicted territory boundaries. Juvenile coyotes that dispersed to find their own territory were tracked to Pearson International Airport (18 kilometers away) and as far away as the Hamilton region (60 kilometers away).

Green spaces and industrial areas are abundant and provide sufficient habitat and coyotes have adapted to city noise and vehicular traffic. MNRF research has found that food is plentiful in the urban environment; including natural sources, garbage, and intentional feedings by humans. The eastern coyote appears to be here to stay.

PERSONAL ENCOUNTERS WITH URBAN COYOTES

The Toronto Golf Club is located on the banks of the Etobicoke creek, along the Mississauga/Etobicoke border, and near Lake Ontario. This is prime urban coyote habitat. Over the past 22 years, we have had several encounters with coyotes. Some encounters have been good and some bad; almost a love-hate relationship.

DELIVERING SUPERIOR SOD AND QUALITY SERVICE

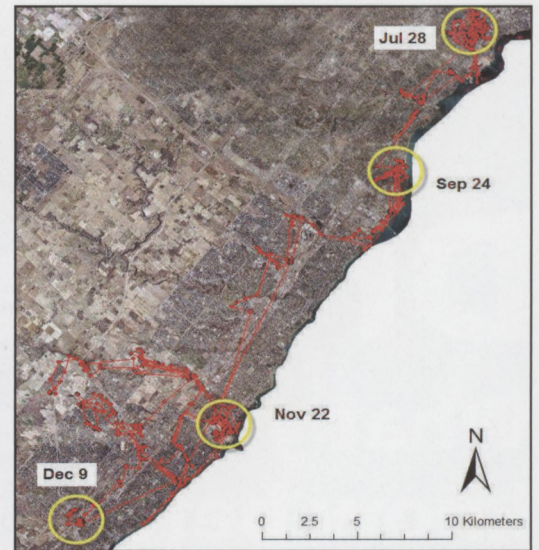
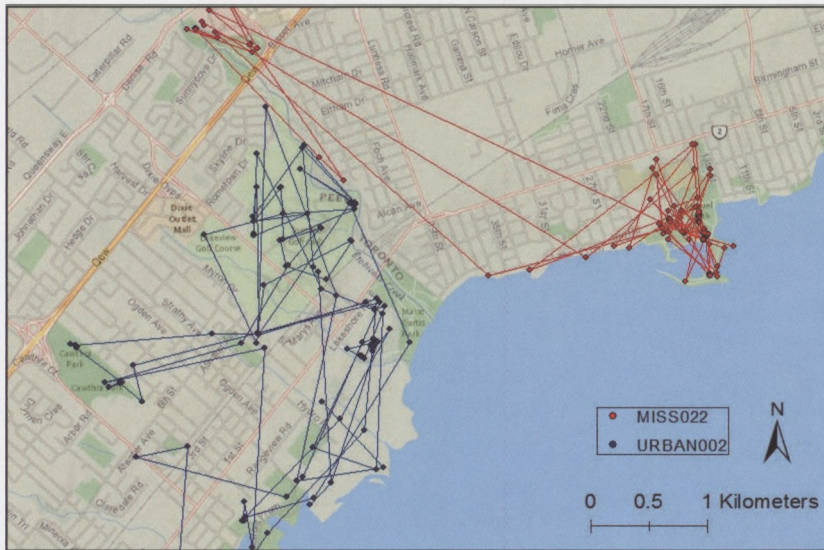
#1 Kentucky Bluegrass • Low Mow • Extreme Fescue • Premium Bentgrass
* Custom grown sod available * Large or small rolls

**REAL GRASS IS BETTER!
HEALTHIER!**

ZANDER
SOD CO. LIMITED

17525 Jane St. | Kettleby, Ontario | L7B 0J6

Phone: 877-727-2100
www.zandersod.com



(Above) GPS tracking data of coyotes from TGC. (R) Yearling movement westward from TGC to Hamilton region.

The benefits of having coyotes on the golf course are predation on smaller wild animals (rodents, raccoons, feral cats, and geese) aiding in natural population control, and being able to observe the daily rituals of these intriguing canines in a natural environment. They are remarkable hunters, very family oriented, and comical to watch during the pup stage.

Although coyotes are urban, they are certainly not domesticated. When coyotes are present, pups and adults can be a challenge. Their natural behavior like playing, hunting and digging holes can damage the playability of bunkers and has resulted in upturned freshly laid sod. They discard carcasses and defecate in all the wrong places. They have also been caught chewing on course accessories and furniture and stealing golf balls and head covers. The worst encounters involved expensive veterinarian bills for coyote inflicted injuries to our family dog, and it was not very pleasant observing the suffering caused by the mange outbreak in 2001, which mercilessly wiped out most of the coyote population in our area.

Ultimately this research was performed to get a better understanding of how the coyotes have adapted to the urban environment and how to reduce conflicts with these animals. Understanding their behavioral patterns has helped formulate guidelines to reduce conflicts with coyotes such as, keeping pets on leashes while in green spaces frequented by



Pups playing in a bunker.

coyotes, minimizing attracting coyotes by managing garbage and other outdoor food sources like pet food and bird seed, and how to act in the event of encountering a coyote.

Like it or not, coyotes appear to be a fixture in the urban environment. Humans must learn to co-exist with these fascinating creatures, so leash your pets and hang on to your golf balls. ■

16-1-2 GREENTRX™ 17% S, 2% Fe

Provides nutrients when plants need them most, optimizing utilization and plant performance with improved soil and root zone health

GreenTRX™, is a high-efficiency, multi-nutrient, slow-release specialty fertilizer that uses the power of the Organic MaTRX™ to deliver fast, deep greening to turf while enriching the soil and contributing to environmental sustainability.

Contact your Nutrite representative for more information

www.nutrite.com | 1 800 265.8865 |  



Drones

What you need to know before you fly



*By Cam Shaw, Communications & Outreach Coordinator,
Guelph Turfgrass Institute.*

As the commercial and agricultural applications for drones continue to evolve, golf course superintendents are beginning to explore them as tools in their daily, weekly and annual management strategies. Due to the sensitive topic of privacy, drones have become a hot issue in terms of the public push for increased control. When considering drone regulation, it is important for one to understand the distinction between both recreational and commercial operators. Transport Canada defines recreational users as operators who are strictly flying their drone for fun. Commercial users are operators who are flying their drones for any other purpose.

SPECIAL FLIGHT OPERATORS CERTIFICATE (SFOC)

If you fly your drone for fun and it weighs less than 35kg, you do not need special permission to fly your drone but must adhere to the rules for recreational drone use. If you fly your drone for fun and it's over 35kg, or you fly a drone of any size for commercial use, you must obtain a SFOC and adhere to the both sets of rules for recreation and commercial use. There are costs, lengthy study materials and according to Tim Dance, grad student and drone operator at the University of Guelph, it can take up to a month to get your SFOC.

LIABILITY

Fines can be up to \$3,000 for an operator and \$25,000 for a business, with the added potential for jail-time if you are caught illegally operating a drone.

CURRENT RULES FOR RECREATIONAL OPERATORS

- Read and understand the Interim Order for Respecting the Use of Model Aircraft
- Read and understand Transport Canada's Tips for Flying Safe
- Fly your drone no higher than 90 m off ground any time
- Must be 30 m away from vehicles, vessels and public (250 g – 1 kg)
- Must be 76 m away from vehicles, vessels and public (1 kg – 35 g)
- 5.6 km from airports or aerodromes (sites of frequent landing and takeoff)
- 1.9 km from helicopter specific aerodromes
- 9 km away from disaster sites
- Away from areas where it can interfere with police or first responders
- Away from private property
- Fly only during the day
- Drone must remain within 500m of the pilot in control, and in sight with your own eyes at all times – not in the clouds
- Drone is clearly marked with operator's name, address, and telephone number
- You are exempt from these rules if your event has been approved by the aeronautical association of Canada

CURRENT RULES FOR COMMERCIAL OPERATORS

- Must follow rules of Canadian Aviation Regulation
 - section 602.41 – unmanned air vehicles
- Require liability insurance
- Require Special Flight Operations Certificate (SFOC) or exemption
- Must use checklists to be in compliance (10 total – a few of which are listed below)
 - Site inspection
 - Drone inspection
 - Operations manual
 - Emergency procedures
- Risk management program must be in effect – prior to flight
- Must monitor VHF frequencies and be in contact with air traffic control as per Nav Canada directives
 - Contact and arrange Notice to Airmen (Notams) through Nav Canada
 - Monitor weather minima (minimum weather for flight)

Undoubtedly, drones can provide tremendous value and service. They offer new ways to observe and inspect one's operations, buildings and infrastructure. In addition, they can provide insight when it comes to scouting areas prone to stress, monitoring traffic, measuring turf health, canopy density and other agronomic factors. However, navigating the drone laws and regulations, especially for commercial applications, can be an overwhelming experience. There is a substantial number of steps and protocols regarding drone weight,



size, flight emergency preparedness, safe operations planning, weather forecasting, communication with flight crew members, notifying land owners and Nav Canada.

This year Transport Canada intends to introduce more legislation which is expected to drastically change the rules and regulations governing both commercial and recreational operators with reference to: size, weight, drone construction, liability coverage, age requirements, testing, permits and registration, and new flight rules. It is highly recommended that anyone who is interested in learning more about drones or is currently flying one should visit the Transport Canada drone safety webpage for more information. <http://www.tc.gc.ca/en/services/aviation/drone-safety/flying-drone-safely-legally.html>. ■



LYNX® 6.0 CENTRAL CONTROL

All your Irrigation Information at your Fingertips



New Lynx 6.0 gives you even more flexibility & control:

- ✓ MCI pump integration
- ✓ Email alarm response & notifications
- ✓ New NSN Sentry utility to monitor Lynx
- ✓ Increase in two-wire gateway quantities by over 50%
- ✓ Projected Flow Update button changed to Show History button

For more information, contact your local Turf Care representative:

Sean Lavin, Golf Irrigation Manager - 905-715-3985
 Gord Johansson, Eastern ON - 613-720-2795
 Scott Fiddes, S/W & N/W ON - 416-606-9908
 Jeremy Phillips, GTA - 416-347-4601
 Neil Juniper, Georgian Triangle - 416-606-9907



Helping your business GROW.
 Exclusive TORO Distributor for Ontario and Quebec

Join the conversation: [@TurfCareProdCA](https://twitter.com/TurfCareProdCA)
 Visit: turfcare.ca/golf-irrigation

Micro Conditions and Microclimates



When selecting plant material for your next gardening project you should become familiar with what can create microclimates within the area your planting. Consider the material that you are choosing. Does it absorb or throw extra heat, reflect light, create shade, cause moisture or prevent water from draining, and how does this impact the rest of your garden? Even at ground level, plants create a microclimate for their neighbour. Taller, broader plants will create shade and may have a dense or aggressive root system which could mean that whatever is planted beside them will compete for resources. If you're doing a new install or thinking about adding material to an existing garden understand that plants (depending on your selection) get bigger in time so your existing microclimate may not be the same in a couple of years.

Obviously depending on the species, trees and shrubs will get bigger and eventually throw more shade than they did the day you planted them. Suddenly the plant material beside, behind or beneath your tree will transition from full sun plants to part shade understory plants that can tolerate root competition. So always think about the future. Before selecting your plants, spend some time watching light levels in an area. At first glance you may think an area will require full sun plants but once tracked you realize that the area doesn't get six hours of full sun, rather it gets one to two hours during the hottest part of the day and then a tree actually blocks the sun for the remaining hours, so you need to plant according to that situation.

Airflow is another microclimate situation to pay attention to which usually becomes an issue when planting around buildings or in a small valley. These are cases where plants that are susceptible to powdery mildew may not be the best selection, especially if the area is

exposed to increased humidity from the use of irrigation for watering. Nine times out of 10 an irrigation system is running way too often and spraying more water on the foliage than on the ground and in a limited airflow situation this is where you run into mildew issues. Tee decks on the golf course also create an interesting situation. The turf on tee decks require more frequent watering and if there is a garden nearby or is a part of the tee deck construction then most likely water will reach the foliage on a nightly basis and in hot conditions. Although your intent isn't to water the garden, this will most certainly create mildew issues for plants that don't appreciate getting misted each night.

Down spouts from buildings and eaves are other considerations when identifying micro conditions. Taking note of where down spouts expel water is important because the water may not travel as far from the building as you predicted and a small portion of your garden could get more water than you originally planned for during rain events. Large quantities of water coming out of a down spout at one time may also cause soil surface erosion and could potentially expose the roots of plants. When selecting material that will go under eaves without eavestroughs, consider planting material with a strong form and sturdy structure that can withstand heavy amounts of water pouring on them or even snow loads sliding off of the roof in the winter. Identify the pitch of the roof, valleys and how the water will come off the roof. This will help you make the correct decision when selecting plant material for these situations.

An area that receives a lot of wind will typically have dryer conditions and can also cause physical damage to plant material. Any exposed hard surface subject to having the sun

beating down on it, asphalt, concrete, exposed rocks or boulders will create a microclimate within their immediate surroundings. They will absorb heat all day and then radiate heat through the night which will cause soils to dry out and plant material to transpire much faster. You can help alleviate this through thoughtful design and plant material that will create shade on these surfaces or plant material tolerant of the increased soil temperatures and reduced moisture.

Slopes tend to have poorer soil since water and nutrients run off downhill, rather than staying put. Slopes can be either hotter or colder depending on which direction they face relative to the sun. Generally speaking, deep-rooted plants are best for slopes since their roots can run deep to mine nutrition, stabilize the landscape, and avoid toppling over during heavy rains.

We have microclimates and conditions that naturally exist and we have to work with them, however, we can intentionally create microclimates ourselves and significantly influence what we can grow. Creating wind blocks, adding radiators like rocks to the soil surface, creating berms and creating shade allows us to intentionally heat things up, cool things down, and control soil moisture. Understanding your microclimates and any other factors that may affect your conditions should be the first step when planning for and selecting plant material. A little research goes a long way. ■



*Chris Cumming CLP,
Horticulturist
Email:
chriscumming@live.ca
Cell: 705-644-3994*



A FAMILY OF PRODUCTS THAT ARE DESIGNED TO OFFER A WIDE RANGE OF PERFORMANCE SOLUTIONS, MEETING THE MOST DIVERSE AND DEMANDING REQUIREMENTS OF PROFESSIONAL TURF MANAGERS.

RELIABLE • PREDICTABLE • SUSTAINABLE • FREEDOM



CONTACT US TO LEARN MORE

Kevin Jensen

South West/ N. Ontario
kevin.jensen@target-specialty.com
519-280-7745

Chris Lecour

Georgian Bay
chris.lecour@target-specialty.com
705-444-9010

Craig McCutcheon

Toronto West/ Niagara
craig.mccutcheon@target-specialty.com
905-351-6544

Perry Brazeau

Toronto/ East
perry.brazeau@target-specialty.com
416-705-8006

Stu Bradshaw

Ottawa Valley
stu.bradshaw@target-specialty.com
613-314-9711

Jason MacRae

Quebec North & West
jason.macrae@target-specialty.com
514-712-8006

Joey Losito

Quebec South & East
joseph.losito@target-specialty.com
819-571-1677

Mark Scenna

Sales Manager, Eastern Canada
mark.scenna@target-specialty.com
416-458-2396

LOOKING BACK

10 Years Ago Today

OGSA BOARD OF DIRECTORS



OGSA Board of Directors for 2008 was: (L-R back row) **Phil Brown** (Summit GC), **Stu Leachman** (Diamond in the Ruff), **Scott Heron** (Bigwin Island GC), **Jarrod Barakett** (Deer Ridge GC), **Rob Gatto** (King's Forest GC), **Doug Breen** (Golf North), **Jennifer Pendrith** (Kawartha G&CC). (L-R front row): past president **Sean DeSilva** (Coppinwood), vice-president **Randy Booker** (Otter Creek GC), president **Jeff Stauffer** (Credit Valley G&CC), **Jeff Alexander** (Parry Sound G&CC), **Chris Andrejicka** (Essex G&CC).



(L-R) 50 year member recipient **James A. Wyllie** and OGSA past president **Sean DeSilva**.

Dorothy Hills was Executive Manager and **Pat Thomas** and **Debra Badger** were office staff.

ON THE MOVE:

The following superintendents changed positions: **Sean DeSilva** to Coppinwood, **Andrew Hardy** to Pheasant Run GC, **Corey Phillips** to Frog's Breath GC, **Chris Gulliver** to Settler's Ghost GC, **Perry Beausoleil** to Hylands G&CC, **Andrew Gyba** to Eagle Ridge GC, **Tyler Ruest** to Dalewood GC, **Peter Sinuita** to Copetown Woods GC, **Simon Brunton** to Sawmill Creek Golf Resort & Spa, **Chad Ziegler** to Sally Creek GC, **John Taylor** to Grand Niagara GC and **Paul Gurr** to a new course in Calgary. **Adam Trenton** to Greystone GC, **Rick Battenham** to Marlwood G&CC, **Jim Nicholls** to Loch Ness Links GC, **Dan McCaffrey** to Beach Grove G&CC, **Deni Terenzio** to Hawk Ridge GC, **Bill Gilkes** to Scarboro G&CC, **Derrick Weening** to the Fairways at Kirrie Glen, **Caleb Gibbons** to Empire Springs GC, **Michael Gutteridge** to Ashbrook GC and **Paul Cutting** to Carrying Place G&CC.

MILESTONES:

At the Ontario Golf Course Management Conference and Trade Show, **Jim Wyllie** was

presented with a 50 Year Member plaque, and **Alex LaBelle** and **Stephen Verral** received their 25 Year Member plaques. **Graham Shouldice** retired from the Highland Country Club in London after 35 years.

EVENTS:

Allturf Ltd. and Multitynes Ltd. announced a merger and will operate as Allturf Ltd. Congratulations to Allturf in the celebration of their 30th anniversary.

ACHIEVEMENTS:

Bill Fach, of Black Bear Ridge GC in Belleville, was the recipient of the CGSA

Superintendent of The Year Award.

Dennis Pelerine was presented with the William Sansom Distinguished Service Award by the OGSA.

Congratulations went to **Bob Brewster**, of Mississauga G&CC, as this year's winner of the Gordon Witteveen Award for the best CGSA article of the year.

The Hugh Kirkpatrick Bursary was awarded to **Kevin Collier**, assistant superintendent of King Valley GC and **Cameron Kusiek** was the winner of the Turfgrass Education Award. Also, congratulations went to **Brian Ross** of Taboo Muskoka Resort as winner of the



PROVEN BY 20+ YEARS OF SUPERINTENDENT SUCCESS.

- Patented **IMPERMEABLE** Reinforced Winter Cover Turf Protection System.
- PERMEABLE** Reinforced Grow-in Covers increase healthier turf growth.

Find out how the GreenJacket System can make a difference for your turf.

Call 888-786-2683 | Email info@greenjacket.com | See research at GreenJacket.com



Non-retouched client photo:
GreenJacket System coming off in the spring!



(R) OGSA president Jeff Stauffer presents the William Sansom Trophy to 1st place winners of President's Day to Chris Dew and team from The National Golf Club of Canada.



(L-R) Springfield Day winning team Ron Biggs, T.J. Rule, Barry Endicott (and David Kemp, not available for photo).



(L-R) Pro-Super winners Chris Neale and Rob Bell accept 1st place, presented by OGSA director, Scott Heron.

OGSA University of Guelph Short Course Award. **Tom Brain**, Burlington G&CC, won the Barry Endicott Award for best article in Green Is Beautiful and **Ian McMaster**, son of Blake McMaster, Royal Montreal GC, received the OGSA Heritage Award.

TOURNAMENTS:

The Spring Field Day was held at Muskoka Lakes G & CC with **Jim Flett** as host. The winners of the scramble event at 10 under par were **David Kemp, Ron Biggs, T.J. Rule** and **Barry Endicott**. **Dave Schmelefske** had his first hole in one.

The Pro Super Challenge was held at

Batteaux Creek GC hosted by **Paul Mickalko**. **Rob Bell** with pro Chris Neale, Copper Creek GC, won with a score of 65.

The 40th Annual Presidents' Day tournament was held at Deer Ridge GC hosted by **Jarrod Barakett**. The winning team was from The National GC of Canada, **Chris Dew**.

The CGSA Fall Field Day was held at the Georgian Bay Club in Collingwood hosted by **Bert McFadden**. **Bert McFadden** and **Thom Charters** tied at 72 and Bert won in a playoff.

The Alex McClumpha Tournament was held at Craigowan GC. Not only did **Jerry Richard** host the day, but he also won with

a 75. **Rhod Trainor** won the George Darou Trophy for superintendents over 50, which was presented by **Ian Chapman** of Turf Care.

IN MEMORY:

Allen (Whitey) Jones, a member of the OGSA since 1956 and **Gary Sutherland** from Carrying Place CC passed away. ■



Barry Endicott
Retired Golf Course
Superintendent
Brampton, Ontario
Tel: 905-846-1440
barry.endicott@gmail.com

Braemar Building Systems



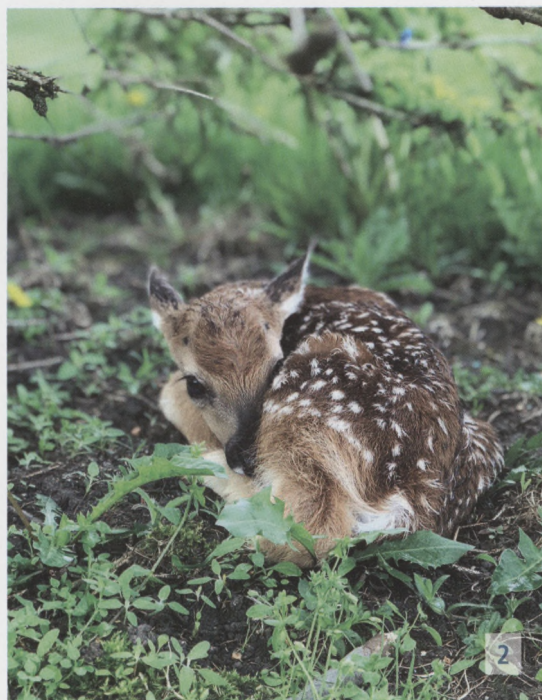
• CUSTOM DESIGN • QUALITY BUILDINGS • COMPETITIVE PRICES •



- Maintenance Buildings • Storage Facilities
- Pump House • Half Way House • Washrooms

For your **FREE ESTIMATES** call us at **1-800-215-1996**
www.braemarbuildings.com

MEMBER MOMENTS



1: Jason Crawford, Eagles Nest GC., What do you do from this bunker? | **2: Lesley Thomas, Scarboro G&CC,** The back shop crew kept this little fellow safe until mom came back to collect her....or him | **3: Kevin Collier, Riverbend GC,** A beautiful Sunday morning. | **4: Doug Meyer, Beaconsfield GC,** My first Musky. | **5: Jayson Griffiths, London Hunt G&CC,** It takes more than one dedicated Team Member...all bunkers repaired, course re-hydrated from weekend water loss...proud of our guys! | **6: Steven Rabski and Intern Dan, Bayview G&CC,** Getting a good dry clip on things after brushing.

"We are all in this together"



2019 ONTARIO GOLF COURSE MANAGEMENT CONFERENCE

Blue Mountain Resort and Conference Centre,
Collingwood, Ontario

Collingwood, ON | JANUARY 15 – 17, 2019

KEYNOTE SPEAKER:

TUESDAY, JANUARY 15TH, 2019



Pat Jones

Publisher/Editorial Director
Golf Course Industry
Lawn & Landscape Magazine

Pat Jones, tells-it-like-it-is when
it comes to the golf and turf

business. Pat began his career at GCSAA headquarters and is
now the publisher and editorial director of Golf Course Industry
Magazine. Pat serves on several corporate and non-profit
boards and lives and works in the Cleveland Ohio area.



Blue Mountain Resort and Conference Centre

Please join us at this spectacular destination resort

- Discounted lift packages are available
- Rooms, suites, inn rooms are all available at discounted rates
- Full meal packages are included
- Complimentary indoor (based on availability) and outdoor parking

A **special draw** will take place on day two,
courtesy of **ALLTURF**.



2 itravel 2000 gift cards,
each for \$1000.00

See www.ogsa.ca for contest rules.

SPEAKER LINEUP

Architect Panel

Ian Andrew

Jeff Mingay

Keith Cutten

Moderator – **Pat Jones**

Bruce Williams CGCS

Director for the California
Alliance for Golf

Adam Moeller

Director of USGA Green
Section Education

David Smith

DCS & Associates

Dr. Eric Lyons Ph.D.

Associate Professor,
University of Guelph

Steve Mann

SJM Arboricultural
Consulting Ltd.

Peter Chorabik

Toronto Bee Rescue

Al Schwemler

Toronto Golf Club

- Maple Syrup Production
for Beginners

Stephen Kajan

Water Resources Engineer,
R.J. Burnside & Assoc. Ltd.

Patrizia Piccolo, Partner

PiccoloHeath LLP

- Update on Bill 148



"We Grow Golf"
www.ogsa.ca

Registration Now Open!

Special Early Bird rates available until
November 30th.

**Go to the www.ogsa.ca
for more details**

Greatest Moments in Turf History

By Doug Breen, Superintendent,
Golf North Properties.

Put a couple drinks into most superintendents, and they will start telling stories about things that have happened on their courses over the years. Without stealing anyone else's yarns, here is my top 10 list of things that actually happened on a course where I was working:

#10 - Breaking a Weedeater shaft on a tree.

Sometimes it's a tree, or a post, or even the side of a bridge – but many times, a line trimmer has been brought to me, bent on a 45-degree angle, after a collision between an inanimate object and the shaft that was sticking three feet out the side of a utility cart. A similar fate has befallen rakes, shovels, flagsticks – literally anything that's longer than a cart is wide. The destruction always comes as a complete shock to the driver and is somehow never their fault.

#9 - Running a beer cart into a bridge.

Let's face it, ability to drive seldom comes up in the interview for a beer cart attendant. One summer, the same driver hit three bridges, two retaining walls, and drove into a rental cart. She sold a lot of beer though!

#8 - Letting a keg get away in the parking lot.

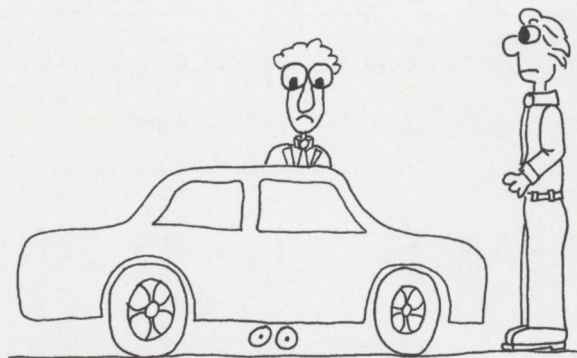
While moving a (full) keg of beer with a two wheeled cart, it got away from me and began to roll down the hill to the (also full) parking lot. Fortunately, I was able to slow it down, by throwing a junior member in front of it.

#7 - Running into a car in the parking lot.

This happened twice (I wasn't driving either time). Once it was with a golf cart without headlights, while night watering. Once it was a fully loaded beer cart, without the parking brake engaged (same hill where the beer keg got away). I got called home from an OGSA golf tournament that day to deal with an angry customer, the police, and our insurance agent.

#6 - Getting beat up by a wedding party.

Speaking of night watering, one Saturday during a wedding, I came across two groomsmen (brothers) in the parking lot squaring off to fight. I tried to play United Nations and diffuse the situation – they both turned on me. I had to roll under a car to escape.



Doug's last stand, at the
Battle of Victoria Park

#5 - Mixing up a.m./p.m. on irrigation.

The first time that I managed to get a job where there was an automated irrigation system (no night watering), I mixed up a.m. and p.m. on the programming screen. I was (once again) playing in an OGSA golf tournament when heads started cycling on Ladies Day.

#4 - Trying to drain an irrigation leak.

After years of trying to drain (what we thought was) a spring on a par three, the owner decided to just dig a pond. The

second bucket load with the excavator exposed an abandoned (but still charged and leaking) irrigation line. The pond never did hold water, and we had to eventually put a liner in it.

#3 - Being sent to get a sod stretcher.

I'm sure that this has happened to everyone, but on my first week on a course, I was sent to ask the mechanic for a 'sod-stretcher'. He's likely still laughing about it. Similar stories involve being sent for a 'left handed walking mower', or an 'electric fence post calibrator'.

#2 - Grand River canoe pirates.

We had a pair of would-be-thieves paddle across the Grand River, and demand that the foursome on the fairway turn over their wallets, keys, and golf clubs. The hapless pirates had underestimated the ability of golfers to use golf clubs as weapons, and they had to beat a

hasty retreat under a barrage of pond balls being launched from the fairway.

#1 - Animals on the course. I've repaired footprints on greens, from deer, moose, cattle, and even a horse. I've battled with squirrels and bats in clubhouses. I had a woodchuck living under a workbench, and a skunk in an irrigation shed. I've seen the reflections of 10000 eyes in the dark. But nothing does more damage to the course, or will startle you more in the dark, than human beings. ■

NUTRITE OSC TURF
PARTNERS IN PREMIUM TURF PRODUCTS

Nutrition. Control Products. Amendments.
Seed. Surfactants. Hardware & Accessories.
Comprehensive Expertise.

nutrite.com oscturf.com
800.265.8865 519.886.0557



DISARM[®]

TURF FUNGICIDE

PROTECTION ON ALL FRONTS

Experience Greens-Grade Performance
with Fairway Affordability

Benefits include:

- Fast penetration into leaf tissues and rainfast within 15 minutes
- Rapid foliar and root uptake with xylem and translaminar movement
- Increase in root strength, length and number, demonstrated in university research
- Broad spectrum protection against major turf diseases including Dollar Spot, Snow Mold, Brown Patch and more



@FMCturf



FMCturf

■ fmcprosolutions.com

ALWAYS READ AND FOLLOW LABEL DIRECTIONS. FMC, FMC logo and Disarm are trademarks of FMC Corporation or an affiliate. ©2017 FMC Corporation. All rights reserved.

WHAT Toro® Outcross™ 9060
MATTERS Dozens of attachments.
Hundreds of jobs. 365 days a year

TORO®



MOST Work smarter. Do More. Save money.



What Matters Most to You Matters Most to Us.

It's a numbers game. You need to get more jobs done fast and right the first time, optimize your club's resources and stay within budget. Toro's new Outcross 9060, a multi-purpose and turf-friendly workhorse, combines purpose-built, all-season functionality with intuitive operation - with virtually anyone on your staff - and unprecedented versatility to deliver impressive results. Even better, Outcross can power your existing attachments utilizing its 3-point connection and power take-off, haul over two tons in its supersized cargo/dump-bed, and tow up to 16,000 lbs. This four-wheel steer and full-time four-wheel drive powerhouse can get it all done without damaging sensitive turf.

For a free demo, call your local Turf Care Sales Representative

Paul Cooper, Eastern Ontario - 416-347-5056
Bill Martel, GTA, Golf - 416-606-6509
Derek Therrien, Ottawa - 613-290-7403
Chris Emerton, Northern Ontario - 905-715-6285

Steve Conners, Southwestern Ontario - 519-319-0539
Jason Sewell, Southwestern Ontario - 519-476-6548
Aaron Campbell, Southwestern Ontario & Niagara - 519-899-3023
Mike Rossi, GTA, Sports Turf & Municipal - 905-715-6797



TURF CARE
Products Canada Limited

Helping your business **GROW.**

Join the conversation: [@Gr8estShowOnTRF](#)

Visit: turfcare.ca/commercial-equipment