SGGA NEWS

September 2019

SGGA PRESIDENT'S MESSAGE

Flowers make life more beautiful

And so it goes. We turn the page on the calendar, magically fall appears. Autumn is my most favorite time of the year. The colors intensify, cool mornings, bright blue skies, the sun still holds lots of power.

Harvest is here. Equipment and their operators are in the fields and on the roads. Care must be taken as safety is a priority. Gardens are being emptied, the produce is plentiful. We are blessed.

Greenhouses are already cleaned and sanitized for next year or for some, production is still going strong. Whatever the stage of your greenhouse, it is time to think about the upcoming Sask Green Trades Conference.

WHY should I attend? Let me tell you my story.

I began growing plants in 1987 in a small 8 x 12 putter house. It was fun. I grew only for myself and my family. Then people started to ask if they could buy some plants. I was shocked! So I put up another greenhouse and started selling plants. Every year for 7 years I put up another greenhouse. Business was booming.

My mission statement is "I love plants; I will grow lots of plants." My tag line is "Flowers make life more beautiful."

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2019 Saskatchewan Green Trades Conference & Tradeshow

November 7–9, 2019

Registrations now open online at **saskgreentradesconference.com**

SASKATCHEWAN GREEN TRADES CONFERENCE

OR complete the registration form at the back of the newsletter and fax or mail it to the SGTC office

Saskatchewan Greenhouse Growers Association
Box 68, Middle Lake, SK S0K 2X0
Phone: 306-367-2012 Fax: 306-367-2403
Email: saskgga@gmail.com Website: www.saskgreenhouses.com

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I enjoy plants, growing plants, watching plants bloom, and making people happy with plants. I have been given a gift that lets me grow a pretty good crop. BUT WHAT HAPPENS WHEN THINGS GO WRONG?

I have no formal education in horticulture. That is where the conference comes in. I have attended every conference and workshop that the Association has put on. Every year I learn something. Water quality, fertility, diseases, bugs (good and bad), sanitation, marketing, new varieties. Many thanks to the SGGA boards over the years for setting up these informative sessions. This year we have a strong list of presenters. Once again I aim to learn. How about you?

Let's not forget our exhibitors – the trade show people. Talk to them. They are in the field and visit greenhouses throughout the prairies. If you have a problem or want to know what works somewhere else, ASK THEM. They are a wealth of information. They want you to succeed so they can succeed.

Details of the conference are in this newsletter. Register early and we will see you in November.

– Gail Medernach
President SGGA

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2020 MEMBERSHIPS DUE JANUARY 1, 2020

Saskatchewan Greenhouse Growers Association

Membership Benefits:

- Access to Tag Discount Program
- Access to Tray and Box Discount Program
- Subscription to SGGA's Quarterly Newsletter
- Scholarship Funding
- Copy of *Greenhouse Canada* magazine
- Industry support through other mentors and Board of Directors
- SGGA's website (members only section)
- Member Discount to Annual Conference and other association programs
- Industry Updates and Networking Opportunities
- Member on Facebook forum

On your behalf the SGGA is pleased to represent the greenhouse industry, addressing topics important to your business at the industry and government level. Your membership is important and entitles you to share your opinion and concerns with the board.

Box 68, Middle Lake, SK S0K 2X0
Fax: 306-367-2403 • Email: saskgga@gmail.com

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www.saskgreenhouses.com

See page 7 for the SGGA membership form

SGGA verified members will receive SGGA member rates on tag orders placed with:

Horta-Craft

Horta-Craft Limited https://horta-craft.ca

JVK

JVK Ltd. http://www.jvk.net/

Contact Horta-Craft Ltd. &/or JVK Ltd. directly to discuss your order

SGGA 2020 Newsletter Advertising

Advertising Option	Member Fee	Non-Member Fee
Full Page 7.25″ x 9.75″	$110.00	$165.00
Half Page 7.25″ x 4.8″ (horizontal) 3.5″ x 9.75″ (vertical)	$ 85.00	$127.00
Quarter Page 3.5″ x 4.8″	$ 60.00	$ 90.00
Business Card (1/8 Page) 3.5″ x 2.3″	$ 35.00	$ 52.00
Full Page Insert	$ 75.00 you print $ 125.00 we print	$ 125.00 you print $ 200.00 we print

2020 DISTRIBUTION DATES

Distribution Deadline	Content Deadline
January 15, 2020	January 4, 2020
April 15, 2020	April 5, 2020
July 15, 2020	July 5, 2020
October 1, 2020	September 20, 2020

Contact the SGGA OFFICE to book your advertising space!

The Resurgence of House Plants

By Jackie Bantle

The very first houseplant that I ever grew was an Aluminum plant *(Pilea cadierei)* or sometimes called Watermelon Pilea. There wasn't much selection for houseplants in stores back in the 70's but to actually have my mom spend money for a simple plant of my own was a big deal. After all, this plant had white stripes in the leaves!

Apparently, it is not just the plant nerds that are looking for houseplants these days. All sorts of websites, magazines and articles keep talking about how indoor houseplants and tropicals for the yard are the newest craze among millennials. By now, you may have heard that millennials are some of the biggest spenders in the marketplace: they are looking for ways to survive this hectic, chaotic, polluted world. Smart marketers are promoting plants in the home for cleaning pollutants from the air, promoting higher oxygen levels in the home and calming anxiety… And it's working.

Younger customers want a different look outdoors. They are not looking for the colorful flowers that their grandmothers had in their garden. Rather, they are looking for some unusual plants that they saw on display during their last trip to Vegas or in the nice hotel they stayed at in Mexico. People are looking for the exotic and unique. They saw it on Pinterest, and they want it here, now!

Air plant (Tillandsia) from plant wholesaler.

Following a few suggestions for plants that you may want to include in your 2020 sales. These plants are recommended for their easy care and average growing conditions perfect for beginner gardeners. When your customers have success with these plants, they'll be back for more.

Pothos *(Epiprenum aureum)* is an easy to grow, low-light tolerant vine. There are many varieties available and new ones always being released, golden pothos is the traditional plant while some of my favorites are 'Marble Queen', 'Jade' and 'Pearl'. Pothos are known to purify the air.

Spider plants *(Chlorophytum comosum)* have been touted as air purifying plants for years. This hanging plant is available in a variety of sizes and leaf colors. Spider plants, also known as airplane plants, are some of the easiest plants to grow. Small plantlets emerge on stems from the center of the mother plant. These plants are very easy to root (and to sell!).

Peperomia *(Peperomia obtusifolia)* is an easy to grow plant that is suited for smaller spaces. Plants remain relatively small: there are

an endless supply of varieties available. Peperomia prefers medium light however leaves will fade in bright light. Peperomia plants are one of the few houseplants that are not harmful to pets or children if ingested.

Air plants *(Tillandsia sp.)* refer to plants that have a natural tendency to grow on whatever they can cling to whether it be other plants, wires, tree branches, bare rock or bark. The leaves of air plants are covered with silvery colored trichomes which are specialized cells that have the ability to rapidly absorb any water that lands on them. Air plants can be purchased wholesale for well under $10 and easily sold for $25+ if mounted on a piece of bark or set inside a glass bowl with some rocks. Under low humidity conditions, tillandsia plants survive by being misted daily and soaked in a basin of water once or twice a week. Air plants are well suited for apartments and small spaces.

Boston ferns *(Nephrolepis exaltata)* have been available for decades and they still prove to be popular indoors. However, they seem to have found new life as a hanging plant on shady outdoor decks and patios. Boston ferns prefer low light, humid spaces (like bathrooms) and are know for removing toxic chemicals like toluene and xylene from the air. Boston ferns cannot be neglected: they demand regular watering and moist soil. As Boston ferns grow, they can take up a lot of space and become messy. As a greenhouse grower, your solution to this 'problem' is to encourage your customers to return their over- grown Boston ferns. You can split the large plants into smaller plants for resale the following year.

Air plant (Tillandsia) ready for retail sale.

ZZ plant *(Zamioculcas zamiifolia)* is an erect plant with unique pinnate leaves that emerge from a succulent underground rhizome. The leaves are shiny green and fleshy at the base of the plant. This plant prefers very little water and will grow in low light or sunny conditions. The plant can grow to be 60 – 90 cm tall.

Snake plant *(Sansevieria trifasciata)* also known in its politically incorrect version as 'Mother-in-law's tongue' is another easy to grow tropical that has been around for many years but is experiencing a resurgence due to its ability to remove toxins from the air. These toxins include formaldehyde, xylene, toluene and nitrogen oxides. While it may be good for human air, this plant is toxic to pets. Several different leaf colors, shapes and sizes are available. A more recent release *Sansevieria cylindrica* (African spear) displays cylindrical leaves rather than the traditional strap-shaped leaf and tends to be somewhat smaller in stature. *Sansevieria sp.* prefers dry soil and bright sun.

To please the customers that are searching for larger tropical plants for their indoor foyer or the outdoor deck in summer, Dumb cane plant, rubber plant, fiddle leaf fig or Swiss Cheese plant (Monstera) are possibilities. Dumb cane plant *(Dieffenbachia sp.)* can easily reach 120cm+

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during a summer growing season. There are some very attractive species available with beautiful mottled leaves.

Rubber plants *(Ficus elastica)* are another easy to grow indoor or summer outdoor plant that can easily grow 1-3m under ideal conditions outdoors during the summer. Plant leaves are thick and shiny and can vary in color from dark to light green, mottled or even purplish mottling. If the leaves break off or the stem is cut, a white milky sap oozes which is poisonous and can cause blindness if rubbed in one's eyes.

The fiddle leaf fig *(Ficus lyrate)* is an ornamental outdoor tree in tropical and subtropical gardens. As a houseplant, it can be grown as a 150cm tall house plant or an 8m tall container plant in an atrium. Fiddle leaf figs require indirect light and will tend to get leggy in less than ideal light conditions. Leaves can be up to 60cm wide on larger indoor specimens.

The Swiss Cheese Plant *(Monstera delisiosa)* gets its common name from the large split leaves that seem to have holes like Swiss Cheese. Monsteras are extremely popular among young plant enthusiasts, mostly thanks to NASA studies that were conducted in the 1980's and reported around 2016 which showed that this plant was one of the most effective for removing air pollution in smaller spaces (ex. the space station). While the plant might remove toxins, the plant itself is toxic to children and pets. This plant is a showpiece and is meant for large spaces. It is easy to grow out of direct sunlight and under moist soil conditions. Monstera is a climbing plant with large climbing roots: provide a pole or structure for support.

If you are skeptical as to whether or not tropical plants and house plants (especially unusual plants) can add revenue to your business, I suggest that you check out the Toronto based business; The House of Monstera (https://houseofmonstera.com/). If you are not sure where you would purchase your wholesale plants Burnaby Lake Greenhouses (www.burlake.com) and West Coast Floral (westcoastfloral.com) are a good place to start.

High Greenhouses Inc.
55431 - RR 262 Sturgeon County, AB T8R 0W7
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2020 SGGA MEMBERSHIP FORM

PLEASE COMPLETE THE FORM BELOW AND SUBMIT IT, ALONG WITH PAYMENT, TO THE SGGA OFFICE

2020 MEMBERSHIP YEAR Company Name:

Applicant Name:

Mailing Address: City/Town:

Prov: Postal Code:

Business Telephone #: Alt Phone #:

Fax Number: E-mail:

May the SGGA use your Business Name for promotional purposes? _____Yes _____ No

I give SGGA permission to share my contact info with other growers and suppliers. _____
SIGNATURE

Active Membership Information (check all that apply)

Greenhouse Vegetable

☐ Cucumbers ☐ Tomatoes ☐ Peppers ☐ Other(s):_____

☐ Bedding Plants ☐ Potted Plants ☐ Perennials ☐ Cut Flowers ☐ Poinsetttias ☐ Garden Center
☐ Wholesale ☐ Retail
☐ Other(s):

Please select your size* of operation to help the SGGA identify programs and benefits that fit our member's needs:

☐ Small – under 9,999 ☐ Moderate – 10,000 – 24,999 ☐ Medium – 25,000 – 1 acre ☐ Large – over 1 acre

** Size is determined by the square footage you have that is covered by a structure and you have the capacity to control the heating & / or cooling environment.*

I would like to receive my Greenhouse Canada subscription

☐ electronically ☐ printed copy in the m ail

***IMPORTANT:** Would you prefer to receive communications by: ☐ Mail ☐ E-mail

The SGGA newsletter will be shared with you via the preference indicated.

Membership Type

☐ Active Member / Grower – Basic Membership $125.00 $_____

☐ Add $0.01 per square foot over 10,000 to a maximum of $325.00

# of square feet _____ x $0.01 = $_____

☐ Associate Member / Trade Membership $175.00 $_____
includes listing in suppliers list on website

☐ Educator / Government Membership $125.00 $_____

☐ Student Membership $ 25.00 $_____

Subtotal = $_____

GST 5% = $_____

Total Enclosed = $_____

FAX OR MAIL THIS FORM TO:
Saskatchewan Greenhouse Growers Association
BOX 68, MIDDLE LAKE, SK S0K 2X0 FAX: 306-367-2403
Telephone: 306-367-2012 Email: saskgga@gmail.com

Payment Method

*Please submit payment payable to the
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Amount Submitted /
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☐ Cheque - Cheque Number: _____

☐ Credit Card (Visa / Mastercard)

Cardholder's Name: _____

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Credit Card Number:

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Expiry Date: _____/_____

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2019 Scholarship

Applications are now open for the 2019 SGGA Educational Scholarship. **Closing date is October 30, 2019,** with recipients to be announced at the SGGA Annual General Meeting during the Saskatchewan Green Trades Conference. To apply simply send a letter to **saskgga@gmail.com** explaining why you should be considered. Eligibility criteria is located on the SGGA website **www.saskgreenhouses.com** under the announcements tab.

Biosecurity Training

coming in early 2020

in Regina and Saskatoon

WATCH FOR DETAILS

www.saskgreenhouses.com

NOTICE of SGGA AGM

The 2019 Saskatchewan Greenhouse Growers Association Annual General Meeting will be held at Delta Hotels Marriott in Saskatoon, SK at 9:30 a.m. on November 9th, 2019. Open to all members.

The SGGA is currently seeking producers to join the SGGA board of directors. The time requirement is reasonable (1 hour every 4-6 weeks for a teleconference) and one face-to-face meeting / year. Not-for-profit organizations require producers to help advance the industry by providing input on the industry's needs, challenges and opportunities for advancements. Directors are responsible for setting direction for the organization and identifying opportunities for the organization to support their members. Not-for-Profit organizations exist so that the actual producers are leading the industry – we need passionate leaders to sit on the SGGA board of directors! **Consider joining the SGGA board!** Feel free to connect with the office staff or one of the current board members for further details.

Registration is now open online at
saskgreentradesconference.com

OR complete the registration form on the back page and fax or mail it to the SGTC office

SASKATCHEWAN GREEN TRADES CONFERENCE

EARLY BIRD REGISTRATION DISCOUNT AVAILABLE UNTIL OCTOBER 10th

ACCOMMODATIONS FOR THE SGTC

*To receive the discounted rate, **reservations must be made by October 7th***

CONFERENCE ROOM RATES:

Reservations must be made by October 7th, 2019
by calling 1-866-999-0861 or 1-306-665-3322

https://www.marriott.com/event-reservations/reservation-link.mi?id=1558479846823&key=GRP&app=resvlink

Negotiated Room Rate: $154.00 (plus applicable taxes) per night for a corner queen or standard queen room.

DELTA HOTELS MARRIOTT SASKATOON DOWNTOWN

A limited number of rooms have been reserved under the contract, therefore we encourage you to make your reservation as soon as possible.

Delta Hotels Marriott
Saskatoon Downtown, 405 - 20th St. E.
306-665-3322

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SASKATCHEWAN GREEN TRADES CONFERENCE

2019 Conference Agenda

	SESSION 1	SESSION 2
THURSDAY, NOVEMBER 7, 2019		
6:00 - 7:00 p.m.	REGISTRATION	
7:00 - 9:30 p.m.	PRE-CONFERENCE SESSIONS	
7:00 - 8:15 p.m.	**Tools and resources for scouting in the greenhouse** *with Dr. Ken Fry*	
8:15 - 9:30 p.m.	**Competing with the big boys** *with Rod McDonald*	
FRIDAY, NOVEMBER 8, 2019		
7:30 - 8:30 a.m.	REGISTRATION AND COFFEE	
8:30 - 9:00 a.m.	**Hiring the right people** *with Rod McDonald*	
9:00 - 10:00 a.m.	**Plants that pay the rent** *with Dan Heims*	
10:00 - 11:00 a.m.	**Mental Health 101** *with Brenda Beaudry, Canadian Mental Health Association*	**25 Years Growing in High Tunnels** *with Doug Waterer*
11:00 a.m. - 12:00 p.m.	**Everyone needs a business plan** *with Rod McDonald*	
12:00 - 1:00 p.m.	LUNCH *with Virtual Farm Tour*	
12:30 p.m.	TRADESHOW OPENS	
12:30 - 3:30 p.m.	Tradeshow Only	
3:30 - 4:30 p.m.	**Container crazy (and plants for small gardens)** *with Dan Heims*	**Tradeshow**
4:30 - 5:30 p.m.	Tradeshow Only	
5:00 p.m.	POUTINE BAR / BAR	
	Member Competition - Photo Submission - Prize Winners Revealed	
6:00 - 6:20 p.m.	**"Ted Talk" – Greenhouse Structures** *with Rudy Ouwersloot from Paul Boers*	
6:20 - 6:50 p.m.	**"Ted Talk" – NEW TRENDS** *with Michiel Verheul from High Q Greenhouse*	
8:30 p.m.	TRADESHOW CLOSES	
SATURDAY, NOVEMBER 9, 2019		
8:30 - 9:00 a.m.	**Propagating plants for the greenhouse** *with Jackie Bantle*	
9:00 a.m. - 1:00 p.m.	TRADESHOW	
9:00 a.m.	SGGA Coffee – Come connect with SGGA members and the SGGA board	
9:30 - 10:30 a.m.	SGGA AGM	
12:00 - 1:00 p.m.	LUNCH *with Virtual Farm Tour*	
1:00 p.m.	TRADESHOW CLOSES	
1:00 - 1:30 p.m.	**Is Cannabis production the right choice for you?** *with Dr. Youbin Zheng*	**Tomato Brown Rugose Fruit Virus** *with Cara McCreary, Greenhouse Vegetable IPM Specialist, Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA)*
1:30 - 2:00 p.m.	**CHP Technology (Combined Heat & Power)** *with SaskEnergy*	
2:00 - 3:00 p.m.	**Scouting 101 and beyond: Detection and quantification of pests in the greenhouse** *with Dr. Ken Fry*	**Pesticides and aging** *with Pat Luchenski*
3:00 - 3:15 p.m.	COFFEE	
3:15 - 4:00 p.m.	**Integrated rootzone management is key to profitable and sustainable container plant production** *with Dr. Youbin Zheng*	**Get clean before you plant the green!** *with Cara McCreary, Greenhouse Vegetable IPM Specialist, Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA)*
4:00 - 5:00 p.m.	**Hot Heucheras and their uses** *with Dan Heims*	
5:00 - 5:30 p.m.	**Pesticide licensing** *with Danielle Neisz*	

**Preliminary agenda - subject to change. Additional presentations may be added - watch for details.*

SASKATCHEWAN
GREEN TRADES
CONFERENCE

November 7-9, 2019
Delta Hotels Marriott
Saskatoon, SK

SGTC Office Box 68, Middle Lake, SK S0K 2X0 **Fax:** 306-367-2403 **Telephone:** 306-367-2012 **E-mail:** sgtcconf@gmail.com

PRESENTATION HIGHLIGHTS

Tools and resources for scouting in the greenhouse

This workshop will focus on how to detect and identify pests and diseases using a hand lens and other optical devices. We will look at ways to augment the camera on your smartphone to capture high-resolution images and explore digital/online resources for identification. You will practice on plants to hone your detective skills.

DR. KEN FRY, *Entomology Instructor in the School of Animal Science & Horticulture at Olds College, has been involved in insect pest management research, teaching, and extension for over 25 years. His research is focused on biological control of insect pests and integrated pest management. Current research projects include the introduction of a parasitic wasp to manage the lily beetle, surveillance of invasive species affecting the urban forest, and evaluating the effects of Aphodiine beetles on turfgrass. Ken's "happy place" is in the Olds College Insect Collection where he serves as curator for 75,000 specimens. Ken is co-author, with Doug Macaulay and Don Williamson, of "Garden Bugs of Alberta" and a contributing author to "Organic Farming on the Prairies".*

Scouting 101 and beyond: Detection and quantification of pests in the greenhouse

From deciding how many samples to take, to where and how to take samples, this session will assist you in developing a scouting plan appropriate for your needs. We will discuss methods (visual inspection, pheromone traps, trap plants, sticky traps), sample size, sampling plan (random, systematic), and how to make sense of the numbers.

Competing with the big boys

This seminar addresses the ever-present issue of box stores. How does an independent compete with a massive corporation that buys incredible volumes and needs lower margins to survive? There are independents who have not only survived but have also thrived in the face of competition from the majors. At this seminar you will find out how others have succeeded and how you can do so as well. You will learn where the box stores are at their weakest and how to exploit that situation. Competing with the big boys is a daunting task but it can be accomplished. Learn how.

Everyone needs a business plan

This seminar points out the fallacy of flying by the seat of your pants as an independent. Being organized makes you money and the first thing that everyone needs to do is to develop a business plan. A business plan assists you in reaching your goals by keeping you organized. Business plans and mission statements are so important yet so seldom are they carried out. All business plans need to be written down to be effective. A mission statement says where you want to be and a business plan is the road map, telling you how to get there. Everyone needs a business plan and you can get started at this seminar.

Hiring the right people

A common question at conferences, amongst the trade, is "where do you find good people"? There is one simple question that you should ask all potential employees. Their answer will tell you who you should be hiring. Where do you find good people? Attend this short seminar and find out.

ROD McDONALD *has spent forty-three years in the greenhouse, landscaping and garden center trades. He writes for horticultural magazines including Landscape Trades and he delivers seminars at conferences such as this one. Rod, whether speaking or writing, focuses on one topic and that is success. He is fascinated with defining success, achieving success and maintaining success. In his seminars, he teaches operators how to find their own levels of success. He speaks in everyday language, not complicating issues and is often anecdotal. Rod has been in the trenches of the greenhouse business and he knows the emotions, both the peaks and valleys. His seminars will teach you to adjust your focus, improve your marketing skills and to improve your bottom line.*

REGISTER ONLINE: saskgreentradesconference.com

Plants that pay the rent

No plant—be it tree, shrub, bulb, or perennial—evades eviction. Tap Dan's 40+ years of plant knowledge to find out which plants fill multiple seasons with foliage color, long bloom times, fragrance, and decorative character. Discover proven plants that give more.

Container crazy (and plants for small gardens)

Dan's trips around the world have exposed him to an amazing array of wild containers planted with the most unusual plants. Dan will cover these, plus an assortment of unusual plant materials that give new life to containers. Tips given on how to design containers and small garden spaces, as well as information on soil fertility and plant health.

Hot Heucheras and their uses

Heucheras are hot—the palette of foliage colors alone is amazing! Join Dan, who literally wrote the book on them, in this overview of how Heucheras and Heucherellas are used around the world. Magnificent green walls, surprising containers, and landscape uses will be featured. Learn how these multipurpose plants can be used to their best advantage in garden centers and landscapes. Participants will be wowed by these plants' beauty and diversity.

Since 1973, **DAN HEIMS** *has been deeply involved in all facets of horticulture. He has taught horticulture courses, wholesaled exotic plants, and run his own design and install landscape business. He's currently the president of Terra Nova Nurseries, Inc., a company noted for breeding programs that have produced numerous international gold and silver-medal winners, and an impressive 1000+ plant introductions. Dan's articles and photography have been featured in a number of trade magazines. He has hosted a weekly radio gardening show on KKSN and has appeared on The Martha Stewart TV Show, Martha Stewart Omnimedia Radio, HGTV, and the BBC. His work and his garden have been featured in USA Today, Forbes, Better Homes and Gardens, Sunset Magazine, Fine Gardening, Horticulture, and Organic Gardening. Dan is a published author, having written the humorous Garden Clerk's Dictionary, and he coauthored Heucheras and Heucherellas with Grahame Ware (Timber Press, 2005). He was given the RHS' Cory Cup in recognition of his breeding work in Heuchera. Dan has traveled to 34 countries in search of the newest perennials. Along the way, he uses his unique blend of knowledge, wit, and humor to captivate audiences around the globe. He is a frequent speaker in every corner of the United States, as well as in Japan, England, New Zealand, Costa Rica, Germany, Holland, Denmark, Sweden, Switzerland, Tasmania, Australia, and Canada.*

Mental Health 101

Mental Health and Mental illnesses defined and prevalence, stigma, general information on depression, anxiety, substance use disorders and psychotic disorders, treatment and getting resources and help.

BRENDA BEAUDRY *has worked for Canadian Mental Health Association Saskatoon Branch for over 26 years in various capacities. She is a facilitator in "Mental Health First Aid both Basic, Adults interacting with Youth" and "Mental Health First Aid for Seniors". She is a strong advocate for persons dealing with Mental Health issues, and over the years has tried dramatically to reduce stigma and disseminate false beliefs associated with many Mental Health conditions. She is a firm believer that people can listen, learn and act positively towards individuals who are struggling with a mental health condition. She is also a Mental Health Educator and does various presentations within the community.*

25 years growing in High Tunnels

In this presentation Dr. Waterer will share insights gathered during his 25 years of experience with production of horticulture crops in High Tunnels. Tips will be provided on tunnel management, crops that work and crops that don't (yet), along with pests and other issues to watch out for. The potential for High Tunnels to contribute (+ and -) to the bottom line of your farm will also be presented.

DOUG WATERER *is originally from Manitoba. He has a B.Sc and M.Sc. degrees from the University of Manitoba and a Ph.D. from the University of Hawaii. Doug was on staff in the Department of Plant Sciences at the University of Saskatchewan for nearly 30 years where he taught and conducted research in vegetable, greenhouse and medicinal crops. Doug is now working out of Saskatoon as a Crop Consultant with Judd Street Associates.*

Propagating plants for the greenhouse

What is the difference between a seedling and a clone? How can I successfully root some of my favorite old plants that are no longer available as rooted cuttings? This presentation will cover the basics and provide tips on taking successful plant cuttings, germinating seeds and overwintering stock plants for your greenhouse production.

JACKIE BANTLE *is the Agriculture Greenhouse and Horticulture Field Facility manager at the University of Saskatchewan. Jackie received her BSA, Horticulture major from the University of Saskatchewan and has been working in varying capacities in the Department of Plant Sciences for the last 20 years. Jackie is a regular writer for The Gardener Magazine and teaches a variety of horticulture classes to master gardeners and horticulture students.*

Pesticides and aging

This presentation will provide an overview of how pesticides are registered and regulated by Health Canada – who are we in the region, what do we do and what to expect during an inspection with the Health Canada, Pesticide Compliance Program. I will review what your responsibilities are as an applicator and how to access a copy of the label. If you chose not to wear your personal protective equipment when handling pesticides, what is the possible impact on you as you age? Finally I will review the results of our recent inspection work done in the province.

PAT LUCHENSKI

Is Cannabis production the right choice for you?

Legalization of Cannabis sativa L. (cannabis) for medical and recreational use has created a high demand for cannabis products. According to Stats Canada, Canadian households spent $5.9 billion (in nominal terms) on cannabis in the last quarter of 2018, and Deloitte estimated that the sales of recreational cannabis alone can have a potential annual economic impact as high as $23 billion in Canada. It is estimated that the revenue for producing cannabis can range from about $8K to $40K per square meter per year vs about $150 for greenhouse tomato production. In Ontario, many vegetable and ornamental crop production greenhouses have switched to cannabis production. If you are thinking of starting a cannabis growing operation, you may ask whether this is the right choice for you. This presentation will provide an overview of how cannabis is produced within different licensed facilities in Canada; what are the best production systems; what considerations need to be taken when growing high quality and high yielding cannabis, the market and government regulations.

Integrated rootzone management is key to profitable and sustainable container plant production

The majority of greenhouse and nursery plants are grown in bags or pots containing soilless growing substrates; this type of operation is called container plant production. Quite often growers have to make choices about growing substrate type, container type, size, shape and colour, fertilizer recipes, when to water and how much to water, etc. When all the choices are correct, the plant rootzone will have adequate water, oxygen, and nutrients and will be free of pathogens, resulting in healthy plants and a profitable operation. When even one choice is not properly aligned, plant performance can be limited, and even lead to diseases such as root rot. To provide plants with a healthy rootzone, an Integrated Rootzone Management (IRM) strategy is a must. This presentation will discuss how to take an IRM approach in container plant production for profit and for reduced chemical pesticide usage.

DR. YOUBIN ZHENG *is an Environmental Horticulture professor at the University of Guelph and the vice president of the Canadian Society for Horticultural Science. He has more than 20 years research experience in controlled environment plant production and using horticultural technologies for environmental quality improvement. His current research program includes production of indoor cannabis and other medicinal and nutraceutical plants, greenhouse ornamental and vegetable production, as well as nursery and landscape plant production and maintenance. Dr. Zheng has been actively involved in indoor cannabis production research in recent years, and his group has published North America's first few peer-reviewed scientific papers on indoor cannabis production. Dr. Zheng has been frequently invited to speak about his research nationally and internationally.*

Get clean before you plant the green

Integrated pest management (IPM) programs must begin with a clean greenhouse to minimize carryover of unwanted insects, mites and pathogens from previous crops. Successful implementation of all other components of IPM will be easier and more effective. That includes biological control agents and maintenance of strict biosecurity and sanitation protocols throughout production cycles. This presentation will outline details and considerations necessary to conduct a thorough clean out between crops.

Tomato brown rugose fruit virus

Tomato brown rugose fruit virus, an economically damaging disease that poses a threat to the production of greenhouse peppers and tomatoes, is spreading rapidly across the globe. As with any emerging plant disease, we are in an arms race to discover all necessary information needed for producers to prevent and manage this virus. Although practicing strict biosecurity and sanitation are critical for managing all plant diseases, understanding the characteristics of this virus can help focus on the riskiest pathways of introduction and spread in greenhouse growing regions. Implementing prevention and mitigation measures by all industry partners is necessary. This presentation will cover topics such as diagnostics, transmission and crop protection in relation to what we currently know about the tomato brown rugose fruit virus.

CARA McCREARY *is the Greenhouse Vegetable IPM Specialist with OMAFRA and is working out of the Harrow Research and Development Centre. Cara joined the ministry in January, 2015 from a position as a Research Associate in the Edible Bean Program at the University of Guelph Ridgetown Campus. Prior to joining the University of Guelph, Cara spent 6 months as the Acting Field Crop Entomologist in the Agriculture Development Branch. She also has several years of experience as a greenhouse scout and supervisor and as a horticultural advisor. Cara has a Master of Science in Environmental Biology from the University of Guelph, a Bachelor of Commerce in Business Administration from the University of Windsor and an Associate Diploma in Horticulture from the University of Guelph Ridgetown Campus. During her master's degree, she studied the life cycle, temperature-dependent development and economic impact of an agricultural pest, the bean leaf beetle. Pest management has been her focus and passion through both work experience and education.*

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SGTC CONFERENCE REGISTRATION FORM

COMPANY NAME:

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ATTENDEE 3: ATTENDEE 4:

PLEASE INDICATE ANY DIETARY RESTRICTIONS AND TO WHOM THEY APPLY:

*** Member Rates apply to…**

… Saskatchewan Greenhouse Growers Association 2019 active members

… members of another horticulture related industry organization. (Please provide a copy of your membership receipt as proof.)

Early Bird Registration Discount Available Until October 10th.

2019 CONFERENCE REGISTRATION	Member Rate	Non-Member Rate	# Required	Sub-Total
PRE-CONFERENCE SESSIONS ONLY Thursday, November 7th 7:00-9:30 pm	☐ $50 *before October 10th* ☐ $75 *after October 10th*	☐ $75 *before October 10th* ☐ $100 *after October 10th*		
TRADESHOW ONLY with Meal Ticket Friday, November 8th – 3:30-8:30 pm	☐ $25 *before October 10th* ☐ $40 *after October 10th*	☐ $40 *before October 10th* ☐ $55 *after October 10th*		
WHOLE CONFERENCE Thursday, Nov. 7th 7:00 p.m. – Saturday Nov. 9th 5:00 pm *Includes: Full Conference Sessions, Meals, Coffee Breaks, Tradeshow Access and PRE-CONFERENCE WORKSHOP*	☐ $375 *before October 10th* ☐ $400 *after October 10th*	☐ $400 *before October 10th* ☐ $425 *after October 10th*		
WHOLE CONFERENCE – ADD-ON STAFF MEMBER	☐ $250 *before October 10th* ☐ $300 *after October 10th*	☐ $300 *before October 10th* ☐ $350 *after October 10th*		
ONE DAY PASS SPECIFY DAY: ☐ Friday OR ☐ Saturday	☐ $275 *before October 10th* ☐ $300 *after October 10th*	☐ $300 *before October 10th* ☐ $325 *after October 10th*		
ONE DAY PASS – ADD-ON STAFF MEMBER SPECIFY DAY: ☐ Friday OR ☐ Saturday	☐ $175 *before October 10th* ☐ $200 *after October 10th*	☐ $200 *before October 10th* ☐ $225 *after October 10th*		
			SUB-TOTAL (before tax)	**$**
			+ GST 5%	**$**
			GRAND TOTAL	**$**

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STUDENT Registration ***must present student card at registration***

2019 STUDENT REGISTRATION	Member Rate	Non-Member Rate	# Required	Sub-Total
PRE-CONFERENCE SESSIONS – STUDENT Thursday, Nov. 7th 7:00-9:30 pm	☐ $25 *before October 10th* ☐ $50 *after October 10th*	☐ $50 *before October 10th* ☐ $75 *after October 10th*		
WHOLE CONFERENCE – STUDENT Thursday, Nov. 7th 7:00 p.m. – Saturday Nov. 9th 5:00 pm *Includes: Full Conference Sessions, Meals, Coffee Breaks, Tradeshow Access and PRE-CONFERENCE WORKSHOP*	☐ $225 *before October 10th* ☐ $250 *after October 10th*	☐ $250 *before October 10th* ☐ $275 *after October 10th*		
ONE DAY PASS – STUDENT SPECIFY DAY: ☐ Friday OR ☐ Saturday	☐ $125 *before October 10th* ☐ $150 *after October 10th*	☐ $150 *before October 10th* ☐ $175 *after October 10th*		
			SUB-TOTAL (before tax)	**$**
			+ GST 5%	**$**
			GRAND TOTAL	**$**

ACCOMMODATIONS: ***DELTA HOTELS MARRIOTT,*** *Saskatoon Downtown, 405 - 20th ST. E.*
Reservations must be made by October 7th, 2019 by calling 1-866-999-0861 or 1-306-665-3322
https://www.marriott.com/event-reservations/reservation-link.mi?id=1558479846823&key=GRP&app=resvlink
Negotiated Room Rate: $154.00 (plus applicable taxes) per night for a corner queen or standard queen room. A limited number of rooms have been reserved under the contract, therefore we encourage you to make your reservation as soon as possible.

Payment Options:

** Please make cheques payable to the* **Saskatchewan Greenhouse Growers Association**

Method of Payment: ☐ Cheque #_____ ☐ Credit Card (Visa / MasterCard)

Cardholders Name: _____

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