SGGA NEWS

January 2019

SGGA Workshop: Automating Your Irrigation System

Date: **Friday, March 15th, 8:30am - 4:30pm**

Where: **Room #1004**
Education Building
28 Campus Drive
University of Saskatchewan
Saskatoon, SK

Whether you are a greenhouse grower, vegetable/high tunnel grower or operate an orchard, this workshop will give you information and practical advice on how to set up an automated watering system for your growing operation. An automated watering system can save you time, ensure your water supply is used efficiently and minimize over/under-watering your crop. No operation is too small for automation.

Learn about emitters, drip tape, sprinklers, manifolds, pressure requirements and more. Practical and hands-on information from industry suppliers will be provided.

Register early to reserve your place.

Registration fee: $125 / person (member rate) or
$200 / person (non-members)

Contact the SGGA Office to register:

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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The Professional Gardener Co. Ltd. Est. 1927
Willsie Equipment Sales
Fruit and Vegetable Equipment
hjs wholesale

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SGGA

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www.saskgreenhouses.com

Email: saskgga@gmail.com

Phone: (306) 367-2012
Fax: (306) 367-2403

Saskatchewan Greenhouse Growers Association
Box 68, Middle Lake, SK S0K 2X0

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2019 MEMBERSHIPS ARE DUE JANUARY 1, 2019

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

306-367-2012
www.saskgreenhouses.com

See page 13 for the SGGA membership form

SGGA MEMBERSHIP FORM

http://www.saskgreenhouses.com/resources/SGGA-Membership_form.pdf

2019 SGGA MEMBERSHIP BUNDLE

SAVE $100

If you have already purchased your membership for 2019, you can still take advantage of the bundle.
Contact the office.

Promo ends: February 23, 2019

2019 RATES	MEMBER	NON-MEMBER
Conference Fee Cost	* **$300**	$400
Add On Staff (no social / supper)	$200	$300
Additional Supper Ticket	$50	$50
Membership	* **$125**	
Workshops	* **$125**	$200
Add On Staff	$75	$150
Pre-Conference Workshop (classroom style, not including bus tours)	* **$50**	$100
* **Bundle includes:** - **1 Regular 2019 SGTC Conference Registration** - **1 2019 SGTC Pre-Conference Workshop Pass** - **1 Pass for the March 2019 Workshop** - **1 2019 Active Membership** *(the additional $0.01 per square foot over 10,000 to a maximum of $325.00 still applies if you are over 10,000 sq. ft.)*	Reg.: $600 **Discount Price: $500** *until February 23, 2019*	

306-367-2012
www.saskgreenhouses.com
saskgga@gmail.com

Saskatchewan Greenhouse Growers Have a Role to Play in Minimizing the Spread of Clubroot

By Jackie Bantle

Greenhouse growers have many responsibilities in their job: grower, manager, seller and educator. More specifically, part of a greenhouse operation may involve selling lily plants/ bulbs, perennials or trees in pots, potato tubers or garlic bulbs as seed for backyard gardeners as well as diagnosing your local backyard gardener's latest disease or pest issue. Clubroot is a soil borne disease that is becoming more prevalent on the Canadian Prairies. Every greenhouse grower should be aware of the implications and possible severity of this disease as well as how to prevent its spread.

Clubroot is caused by a microscopic pathogen, *Plasmodiophora brassicae* which lives in the soil. It affects plants in the *Brassicaceae* family (cabbage family), including: broccoli, cauliflower, Brussels sprouts, cabbage, canola, mustard and cruciferous weeds such as wild mustard, stinkweed and shepherd's purse. In the last 15 years, *Plasmodiophora brassicae* has become more and more prevalent in Alberta and Saskatchewan soils.

History - Clubroot was first reported in western Canada in a few home gardens in the Edmonton area in the mid- 1970s. Broccoli, cabbage and cauliflower plants were exhibiting symptoms. The disease first became an economic issue in 2001 when a crop of Chinese cabbage was damaged near Edmonton in 2001. In 2003, clubroot was detected, for the first time, in a canola field northwest of Edmonton. A recent report released by the Saskatchewan Government indicates that visible symptoms of clubroot have been reported in 43 commercial canola fields in Saskatchewan in 2017-2018. *(see map on next page)*

Symptoms - The symptoms of clubroot vary; depending on the stage of growth at the time the plant is infected. In early seedling stages of any brassica plant, infected plants will be wilting, stunted, prematurely set flowers (broccoli) or fail to form quality sized heads (cabbage and cauliflower). With canola, plants may also be wilted and/or stunted in addition to poor seed production (shriveled seeds), thereby reducing yield and oil quality. Eventually the stunted, yellowing plants succumb to a premature death.

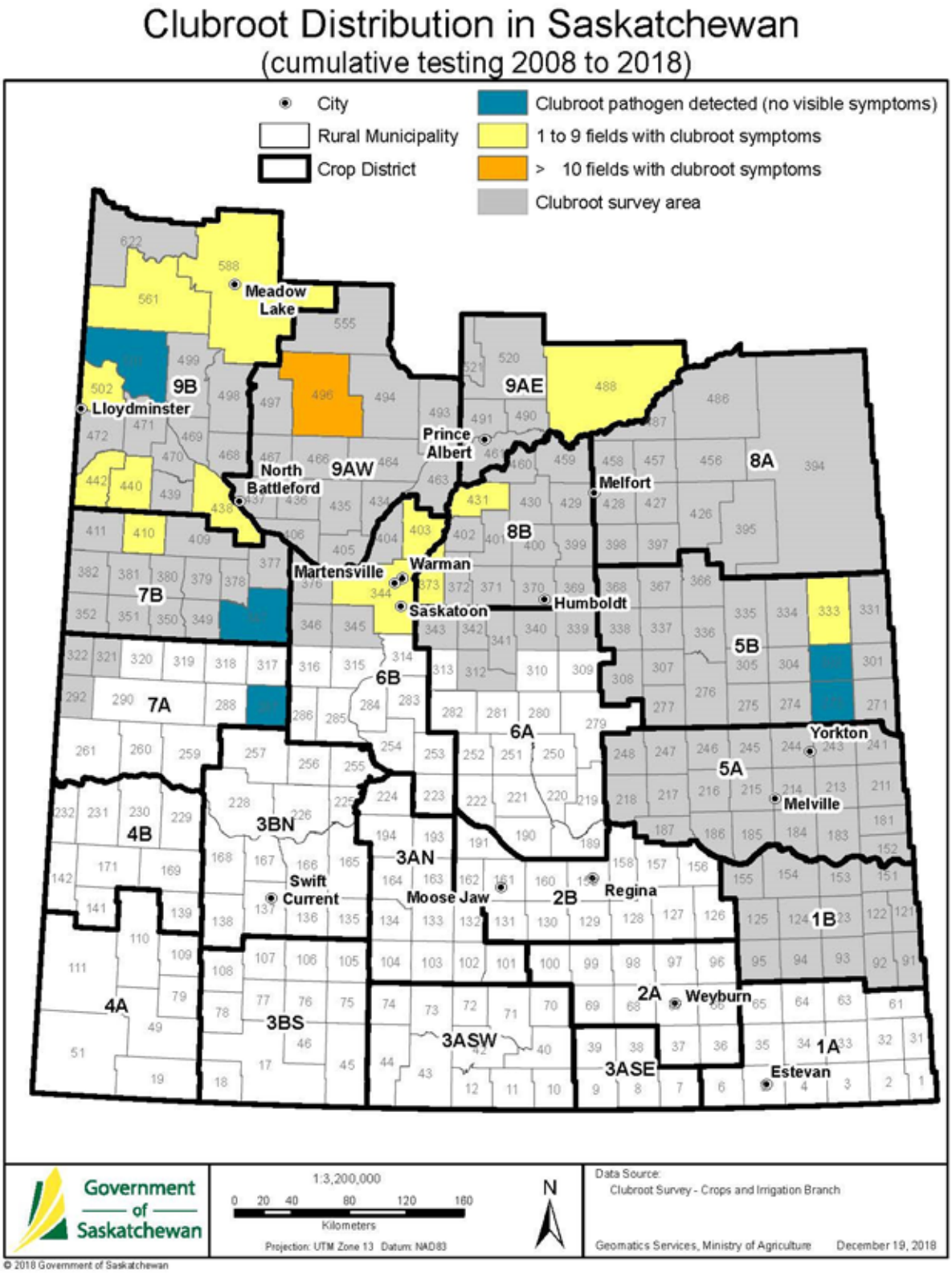
Above ground clubroot symptoms are often confused with drought or nutrient deficiencies but the actual reason for these symptoms is due to galls on the roots. Club root galls are usually more lobed and larger than normal nodules on the roots: these galls inhibit the plants ability to absorb water and nutrients. The disease is favored by warm, moist soils.

Spreading the Disease - Because clubroot is a soil borne disease, resting spores of the disease found in the soil can be spread from field to field via contaminated soil on agricultural equipment, vehicles, construction equipment, rototillers, gardening tools, potatoes, bulbs (lily, garlic, onions and others) or even shrubs, trees or perennials that have been dug up in infected soil. Secondary contamination can occur via wind, soil with water and soil on plant material such as bales, organic mulch or infected compost. Resting spores can survive an animal's digestive system and can live in the soil for up to 20 years. Because, clubroot can be an economically devastating disease for farmers and market gardeners, it is very important to eliminate the movement of soil from infected to non-infected areas.

To prevent the spread of club root:

- Do not source potato seed tubers, garlic or flower bulbs or any plant material with soil attached from areas where clubroot is known to be a problem.
- All land users must remove contaminated soil from equipment, machinery, vehicles and plants prior to leaving fields.
- Practice a minimum three year

... continued ...



rotation, with brassica plants being planted in the same area only once every three years.
- Control weeds in and around your greenhouse and growing area.
- Be aware of clubroot symptoms and have any suspect plants tested.

What to do if a clubroot infection is suspected:

1. Dig up the roots of the suspected plant(s)
2. Air-dry root samples in double paper bags OR freeze the samples in a double Ziploc bag (samples must remain frozen if this option is chosen).
3. Send the samples to the Ministry of Agriculture's Crop Protection Laboratory at 346 McDonald Street, Regina SK, S4N 6P6, telephone 306-787-8130 for diagnosis. You may mail, courier or drop off samples in person. There is a $50 fee for visual inspection.
4. If the visual diagnosis is positive, root samples will be forwarded to an accredited laboratory on behalf of the municipality or the person who submitted the samples for DNA testing. Cost of the DNA testing will depend on the current fee set by the accredited laboratory (approximately $100).

Once club root spores have infected a field, it is very difficult to eliminate the spores: the goal is to prevent contamination in the first place. If contamination is confirmed, minimize the growth of the spores in that location by restricting growth of any plants belonging to the Brassica family. The Saskatchewan Minister of Agriculture has declared clubroot a pest which gives municipalities the power to manage clubroot under The Pest Control Act. As a greenhouse owner and retail gardening center, it is your responsibility to ensure that the products you produce and sell are not contaminated with clubroot spores. For more detailed information and photos of clubroot galls, read the online publication: Clubroot Management Plan http://publications.gov.sk.ca/documents/20/107465-Clubroot%20Managament%20Plan_072018.pdf.

Don't slip through the cracks.

It's not too late to place your 2019 Young Plant order or your Nature's Source Plant Food Order.

High Greenhouses Inc.

Plan and order for your spring season now.

All you need is our 2019 Young Plant catalogue.

You can download it at
www.highqgreenhouses.com
or contact us to receive one by mail.

55431 Range Road 262
Sturgeon County, AB
P 780 939-7490
F 780 939-2010
contact@highqgreenhouses.com

Plants that grow places

SASKATCHEWAN
GREEN TRADES
CONFERENCE

2018 Saskatchewan Green Trades Conference

Thank you to our speakers!

SASKATCHEWAN GREEN TRADES CONFERENCE

JIM HOLE	• The future is green: the future of your business is at stake • Through the back door: how to grow your business
JUDY SHARPTON	• What if Jeff Bezos and Amazon created a container gardening department? • The top five investments you can make in your store for 2019
DR. MOHYUDDIN MIRZA	• Making your plants vegetative or generative is the name of the game in greenhouses • Nutritional deficiencies - who's to blame, you or the plant? • Do plants have an immune system, a digestive system and a transport system?
RENNY W. GRILZ	• Ornamental invasive species – those pretty garden flowers could be the next most wanted noxious weed
PROFESSOR BERNARD GRODZINSKI	• Learning how to use LED-lighting for year-round greenhouse production of vegetables and ornamentals in Canada
ALEX STUART	• Solar: protect your operation from rising power prices
JULIE PAILLAT	• CHC perspectives and strategies of the national greenhouse vegetable sector
CHRISTINE FEHR	• Communication styles – flexing your communication to suit those to whom you are communicating
DR. MICHAEL HARDING	• Common diseases of greenhouse vegetable crops and bedding plants • Disease scouting and diagnostics for greenhouse diseases, management of greenhouse diseases and greenhouse sanitization
DARRYL FEHR	• Wintering trees
MICHIEL VERHEUL	• Keeping box stores at bay
JACKIE BANTLE	• Virtual tour of University Department of Plant Sciences
PATRICIA HANBIDGE	• Cannabis – Growing the newest specialty crop
GLEN SWEETMAN	• Chemicals registered for use in greenhouses (crop protection)
DANIELLE NEISZ	• Pesticide applicators course – Why and how to take the training

SASKATCHEWAN GREEN TRADES CONFERENCE

Thank you to our exhibitors

Professional Gardener

HJS Wholesale

JVK

High Q Greenhouse

Cascades Containers

Paridon Horticulture Ltd.

CPS Evergro

Van Noort Bulb

Jeffries

Early's Farm and Garden

Health Canada Pesticide

Horta-Craft Ltd.

Dummen Orange

Ball Hort

Sycamore Energy

Stokes Seeds

Splash Inc.

Nordic Nurseries

University of Saskatchewan

Bylands Nursery

Aubin Nurseries Ltd.

Aubin
Nurseries Ltd.

Cascades
Cascade
GREEN BY NATURE

HS
HS

Splash

DUMMEN ORANGE

STOKES
Vegetative Cuttings
STOKES
Beauty Takes Seed

A Word from Your Reluctant President

2019 is upon us with a vengeance. I have personally declared 2019 a year of positive renewal in all areas of my life. Personal, Health, Business, Spiritual. And this will be my motto.

"We can complain because the Rosebush has Thorns OR we can rejoice because the Thorn bush has Roses"

You see the choice is always our own!!!

NOW is the right time to get ready for 2019. Do you know what you want to accomplish?

1. Involve the right people. Surround yourself with people who have a positive attitude. When you see a weakness in yourself, find the person who does have that strength. Everything counts. I will admit I am a rather "messy" grower. I have ground, plants, containers, fertilizer scattered about. BUT along comes the Broom Squad to make things right again. I love them.
2. Determine what you want to accomplish this year. Write it down. Do you have a goal by which you would like to increase your sales? Write it down. Post it on your Bulletin Board. Say it every day. You can make it Happen!
3. Follow a time line. The days and hours slip away quickly. Make a plan. Keep a scoreboard. Monitor yourself daily and weekly. Stay on track. Make sure you are ready for Opening Day 2019.
4. Align yourself with like minded people. Pick winners.
5. All things are possible to those who believe.

Flowers Make Life More Beautiful.

– Gail Medernach, President SGGA

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

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

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

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

SGGA 2019 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

2019 DISTRIBUTION DATES

Distribution Deadline	Content Deadline
January 15, 2019	January 4, 2019
April 15, 2019	April 5, 2019
July 15, 2019	July 5, 2019
October 1, 2019	September 20, 2019

Contact the SGGA OFFICE to book your advertising space!

2019 SGGA MEMBERSHIP

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

2019 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 = $_____

☐ **2019 SGGA Membership Bundle** ***(SAVE $100** - reg. $600)* **$ 500.00**
Includes: ✓ Active Membership
✓ Regular 2019 SGTC Conference Registration
✓ 2019 SGTC Pre-Conference Workshop Pass
✓ February 2019 Workshop Pass

☐ 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
Saskatchewan Greenhouse Growers Association

Amount Submitted /
Authorized: $_____

☐ Cheque - Cheque Number: _____

☐ Credit Card (Visa / Mastercard)

Cardholder's Name: _____

_____

Credit Card Number:

_____/_____/_____/_____

Expiry Date: _____/_____

Cardholder's Signature:

_____

SGGA CARRY TRAY ORDER FORM 2019

MEMBER RATES:			NON MEMBER RATES:		
NO: 1	1020 FLAT SIZE Minimum 1 pallet (2000 per pallet) $860.00	$0.43 each	NO: 1	1020 FLAT SIZE Minimum 1 pallet (2000 per pallet) $1020.00	$0.51 each
TOMATO BOXES	Minimum 1 pallet (300 per pallet) $792.00	$2.64	TOMATO BOXES	Minimum 1 pallet (300 per pallet) $951.00	$3.17

Please Note: The SGGA, as a group, requires a minimum of 7 pallet orders (total of 2100 units) for tomato boxes to be produced.

ALL ORDERS MUST BE PLACED PRIOR TO MARCH 1st, 2019. All orders must be accompanied by a credit card payment form or a post-dated cheque made payable to the SGGA. Cheques will be deposited and Credit Card transactions will be processed on April 30, 2019. NSF cheques will result in a $25.00 fee. 2% Interest on over due accounts will be charged per month. **Orders will be shipped early to mid April 2019.**

Company Name: _____

Contact Person: _____

Address (Mailing Address): _____

Phone: _____ Fax: _____ E-Mail: _____

MEMBER RATE ORDER

BOX TYPE	X # of pallets	X	MEMBER RATE	AMOUNT
NO 1 BOX		X	$860.00	
TOMATO BOXES		X	$792.00	
			SUBTOTAL	$
			ADD GST 5%	$
			GRAND TOTAL	$

NON-MEMBER RATE ORDER

BOX TYPE	X # of pallets	X	MEMBER RATE	AMOUNT
NO 1 BOX		X	$1020.00	
TOMATO BOXES		X	$951.00	
			SUBTOTAL	$
			ADD GST 5%	$
			GRAND TOTAL	$

SHIPPING OPTIONS / INSTRUCTIONS:

Options: Pick up in Saskatoon or Regina **OR** Delivery can be arranged for producer outside of Saskatoon and Regina *(producers will be responsible for freight fees for deliveries outside of Saskatoon or Regina)*.

"Northern" Saskatchewan: Pick up at *Teams Transport Warehouse, Saskatoon* or free local (city of Saskatoon) delivery. Outside of Saskatoon – producers will be responsible for freight / delivery fees from Saskatoon.

"Southern" Saskatchewan: Pick up at *Jays Transport Warehouse, Regina.* Outside of Regina – producers will be responsible for freight / delivery fees from Regina.

YOUR SHIPPING DETAILS:

☐ I will be picking up my order at _____(Saskatoon or Regina)

☐ I would like my order shipped - preferred Transportation Company? _____

☐ Shipping Address ***(must be a physical address)*** _____

Fax or Mail this form to: **Saskatchewan Greenhouses Growers Association**
Box 68 Middle Lake, Saskatchewan S0K 2X0
Telephone: 306-367-2012 Fax: 306-367-2403 Email: saskgga@gmail.com

Payment Method - CARRY TRAY ORDER

All orders **must** be accompanied by a credit card payment form or a post-dated cheque made payable to the **SGGA**. Cheques will be deposited and Credit Card transactions will be processed on April 30, 2019.

Amount Submitted / Authorized: $_____

☐ Cheque - Cheque Number: _____

☐ Credit Card (Visa / Mastercard)

Cardholder's Name: _____

Credit Card Number: _____ / _____ / _____ / _____

Expiry Date: _____ /_____

Cardholder's Signature: _____