



# *Canadian Society of Agronomy*

## *La Société Canadienne d'Agronomie*

CSA Newsletter

January 2020

### PRESIDENT'S MESSAGE

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Hello CSA members and Happy New Year!

In 2019, CSA did a thorough review and update to our awards criteria. The goal was to add clarity and simplify the eligibility criteria to encourage more nominations and awardees. The biggest revisions were to the following awards:

- **Early Career Agronomist** is intended for individuals actively engaged in research, teaching, extension or administration within 10 years of starting their career or earning their last degree.
- **CSA Fellow** is intended for individuals actively engaged in research, teaching, extension or administration for at least 10 but less than 20 years of their career.
- **Distinguished Agronomist** is intended for individuals actively engaged in research, teaching, extension or administration for more than 20 years of their career.

These professional awards are an important peer recognition benefit. Please consider nominating a deserving colleague by the April 15, 2020 deadline. Nomination requires submission of a nomination package and 2 supporting letters.

In November, CSA online registration switched to a new platform, Cvent. Previously CSA membership renewal was through RegOnline, but RegOnline will be retired at the end of 2019. Thank you to our Executive Director, Nancy Zubriski, for all her hard work in transferring CSA membership to the new Cvent platform.

This fall, CSA conducted a survey on member needs and expectations. Based on feedback from the survey, CSA has added a new position to the CSA executive. The CSA executive will now include an industry representative. This individual will provide an industry perspective to the board and help broaden CSA's perspective beyond the academic and student community. If you are aware of a candidate for this new role, please consider nominating them. I would also like to thank everyone who completed the survey and congratulate Dr. Khan, from the University of Agriculture in Peshawar, Pakistan, as the lucky winner of the complementary 2020 CSA registration.



## President's Message (Con't.)

For the 2020-2021 year, CSA will be looking for a new student representative, president-elect and industry member. If anyone is interested in these positions or knows of good candidates, please nominate them to serve on the CSA executive. We thank Doug Cattani for serving a second term as treasurer. We also thank Laurel Thompson for staying on a second term to serve as western director.

Looking forward, plans are underway to hold our 2021 annual meeting and technical conference in conjunction with the Canadian Society for Horticultural Science and Canadian Phytopathology Society on June 12-17, 2021 in Ottawa. Our 2022 meeting will be in conjunction with the Canadian Weed Science Society November 21-24, 2022 in Halifax. Please plan to attend these future CSA meetings.

Finally, I invite you to attend our June 2020 annual meeting as part of the International Crop Science Congress in Saskatoon, SK. Use promo code **CROPCSA** for a 25% discount on your registration at [www.icsc2020.com](http://www.icsc2020.com). The CSA AGM is Monday, June 22 during the lunch break. We would encourage our members to submit volunteer oral presentations by the February 28 deadline. See you in Saskatoon this summer!

Sheri Strydhorst  
CSA President

## 2020 Grad Student Award Applications

The Canadian Society of Agronomy is now accepting applications for the 2020 CSA graduate student awards. The deadline for nominations is **April 15, 2020**.

The available awards include:

1. **Ali Navabi Grad Student Travel Award**  
Maximum of \$500 available to graduate students to attend the CSA Annual General Meeting in Saskatoon, June 21 - 25, 2020.
2. **Pest Management Award**  
An award of \$500 available to a graduate student enrolled at a Canadian University with research programs relevant to pest management. The award is accompanied by a travel grant of up to \$1,000 to attend the CSA Annual General Meeting and present on his/her research project.
3. **Student Presentation and Poster Awards**  
A number of awards are awarded at the CSA Annual General Meeting for the best oral and poster presentations given by graduate student members. The awards are presented after an assessment conducted by a panel of judges. \$2,000.00 is awarded for graduate student oral and poster presentations.

You must be a member of CSA to apply for the above awards. For further information including nomination guidelines visit our website at [agronomycanada.com](http://agronomycanada.com).

## Nominations for 2020-2021 CSA Executive

The Canadian Society of Agronomy is now accepting nominations for the 2020-2021 CSA Executive. The deadline for nominations is **April 15, 2020**.

The open positions are below:

1. Student Rep
2. Industry Rep (\*New for 2020)
3. President-Elect

Nominations for the CSA Executive can be made by any active member of CSA. Please email your nominations to [nzubriski@gmail.com](mailto:nzubriski@gmail.com) by April 15, 2020.

## 2020 Professional Award Applications

The Canadian Society of Agronomy is now accepting nominations for the 2020 CSA awards. The deadline for nominations is **April 15, 2020**.

The available awards include:

- **Early Career Agronomist** is intended for individuals actively engaged in research, teaching, extension or administration within 10 years of starting their career or earning their last degree.
- **CSA Fellow** is intended for individuals actively engaged in research, teaching, extension or administration for at least 10 but less than 20 years of their career.
- **Distinguished Agronomist** is intended for individuals actively engaged in research, teaching, extension or administration for more than 20 years of their career.

Nominations for the above awards can be made by any active member of CSA who has had continuous active membership in CSA for at least five years. A member may nominate only one person for each award in a given year. Further information including nomination guidelines can be found on our website at [agronomycanada.com](http://agronomycanada.com).

### \*CSA Executive - Awards Policy

CSA Awards Committee members or CSA Executive members are not eligible to receive CSA professional awards (Early Career Agronomist, CSA Fellow or CSA Distinguished Agronomist) while they serve on these committees/boards. However, CSA executive members are eligible to receive graduate student awards and CJPS awards. CSA Executive members are expected to disclose any conflict of interest when being selected to serve on CSA awards committees or as nominees for CSA awards.



# Canadian Society of Agronomy Annual General Meeting The 8th International Crop Science Congress (ICSC 2020) June 21 - 25, 2020, Saskatoon, Saskatchewan



## Register Today for #ICSC2020!

Registration for the [8th International Crop Science Congress](#) is open! Join us for this once in a lifetime experience as #ICSC2020 comes to Saskatoon, SK, Canada and speaks on 'Food Security & Safety - Globally'. [Early Bird Registration](#) is open until **March 2, 2020**. CSA Members receive a 25% discount on registration by using the code CROPCSA.

The Canadian Society of Agronomy Annual General Meeting will take place at ICSC2020 on Monday, **June 22, 2020 from 12:30 - 1:30 pm.**

8th International Crop Science Congress

**use code CROPCSA  
for a 25% discount on  
your registration!**

Visit: [www.icsc2020.com](http://www.icsc2020.com)



**CROP SCIENCE  
CONGRESS**  
Saskatoon, Canada  
June 21 - 25, 2020



*Canadian Society of Agronomy*  
*La Société Canadienne d'Agronomie*



## ICSC2020 Abstract Submission



Under the theme of the **2020 ICSC - Food Security & Safety – Globally**, the congress will address how the very multidisciplinary nature of 21st century crop research is critical to the development of unique, sustainable, agricultural systems having the capacity to support animal and human health, on a global scale, while being mindful of our custodial responsibilities towards the health of our planet Earth. Crop research presented at this congress will span from fundamental to field-based work and will also address recent advances in translating fundamental research discoveries to crop improvement in the field.

Abstract submissions are all on-line. More information is available at <https://www.icsc2020.com/abstracts>.

Submissions to be considered for oral presentations close: **February 28, 2020**

Submissions for poster presentations close: **May 15, 2020**

## Great Plains Soil Fertility Conference



[Registration](#) is now open for the 2020 Great Plains Soil Fertility Conference, March 10-11, 2020, Denver, CO!

Presenters will be reporting on the latest on Great Plains soil fertility research results, and other timely and relevant topics.

Register today at [greatplainssoilfertility.org](http://greatplainssoilfertility.org)!

## Innovation Awards Roullier 2020

The Innovation Awards Roullier 2020 is an international contest in Plant and Animal Nutrition organized by the Groupe Roullier (French Company). The two best projects will receive a grant of €75,000 each. The competition is open to all universities and research laboratories worldwide.

The winning project will be selected by three jury members :

- Professor Sharon R. Long from Stanford (USA)
- Doctor Günter Brader from BOKU (Austria)
- Professor Johannes Lehmann from Cornell (USA)

For more information please visit <https://www.innovation-awards-roullier.com/>

## 2019 CJPS Best Paper Abstract

Below is the abstract from our 2019 CJPS Best Paper by lead author: Laura L. Van Eerd from the University of Guelph.

### **Comparing soluble to controlled-release nitrogen fertilizers: storage cabbage yield, profit margins, and N use efficiency**

L.L. Van Eerd, J.J.D. Turnbull, C.J. Bakker, R.J. Vyn, A.W. McKeown, and S.M. Westerveld

**Abstract:** Optimizing N fertilizer applications involves maximizing N use efficiency (NUE) while minimizing losses but depends on complex interactions of crop, soil, weather, and management practices. One approach may be to use controlled-release fertilizer that synchronizes N availability with plant demand. A field experiment at two Ontario locations from 2007 to 2009 compared split-applied ammonium nitrate (ANs) to preplant-applied poly-coated urea (PCU) and soluble N at a ratio of 75:25 at five N rates on late-season storage cabbage (*Brassica oleracea* L. var. capitata). Maximum yield and profit margins were obtained at an average of 286 and >300 kg N ha<sup>-1</sup>, but few differences among sources were observed. Compared with ANs, PCU did not affect plant N content, nor did PCU reduce soil nitrate or NUE, which indicates little differences in risk of environmental N losses between N sources. Dissolution from mesh bags indicated 5%–25% of various PCU formulations remained by harvest but 5%–10% remained by spring, which suggests conservation over the winter, a need to synchronize N release with crop uptake, and partially explains the lack of treatment differences. From agronomic, economic, and environmental perspectives, the tested PCU treatments for cabbage production in a humid, temperate climate were equivalent to the standard practice.

Can. J. Plant Sci. 98: 815–829 (2018) [dx.doi.org/10.1139/cjps-2017-0277](https://doi.org/10.1139/cjps-2017-0277)

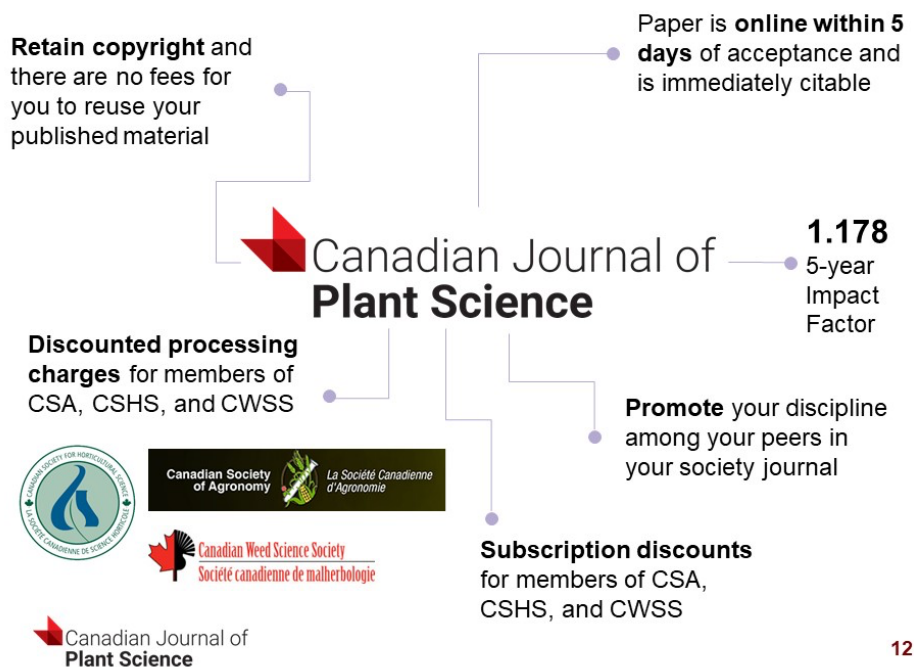


# News From Your Journal - CJPS

In 2020, the Canadian Journal of Plant Science (CJPS) starts its 100th volume!

CJPS reports original peer-reviewed research on aspects of plant science relevant to continental climate agriculture and of interest to agronomists, crop breeders, horticulturalists, weed scientists, public policy decision-makers, biotechnologists, and other specialists in the field.

Dr. Brian Beres is CJPS's fearless Editor-in-Chief; he is also a senior research scientist at Agriculture and Agri-Food Canada's Lethbridge Research Centre in Alberta.



CJPS publishes content in agronomy (grain, forage, industrial, and alternative crops), horticulture (fruit, vegetable, ornamental, greenhouse, and alternative crops), and pest management (entomology, plant pathology, and weed science). CJPS publishes original research, invited reviews, commentaries, letters, short communications, and Canadian cultivar descriptions.

CJPS boasts an average time from submission to decision rate of 35 days. Accepted papers are published within 5 days of acceptance - this means your work is out to readers and ready to be discovered in over 125 countries!

Consider submitting your article to CJPS: <https://mc.manuscriptcentral.com/cjps-pubs>

Since 2016, CJPS has been published by Canadian Science Publishing (CSP), Canada's largest non-profit publisher of international scientific journals, we're committed to strengthening the integrity, relevance, reach and impact of vital knowledge and research, across Canada and around the globe.

## News From Your Journal - CJPS (Con't)

Publishing your research in CJPS means that your research will be copyedited and prepared by CSP staff with great care and diligence. Regardless of your publishing option, the copyright for your paper remains with you as author, with no fees to reuse your material. You also have the option to publish your paper open access.

### **Society Affiliations**

CJPS is affiliated with the Canadian Society of Agronomy, the Canadian Society for Horticultural Science, and the Canadian Weed Science Society. Society members receive big discounts on subscriptions and CJPS page charges.

In 2019, CSP sponsored the 2019 Agri-food Innovative Summit & Government Information Sessions in Ottawa in May. It also promoted CJPS through its exhibit at the Rhizosphere 5 conference in Saskatoon in July. In November, CSP sponsored the CWSS-SCM annual meeting in Kelowna. CJPS is working hard to meet readers where they are and where they meet.

### **Plain Language Summaries**

In 2020, CJPS will be promoting its plain language summaries (PLS) to [Medium.Com](https://medium.com) - an online publishing platform with over 60 million readers (as of 2016). Authors will be able to share their PLS on Medium with readers, journalists and the general public via social media, news feeds, newsletters and other means.

### **Publishing Stats**

More and more readers are downloading CJPS papers; since 2016, there has been a 18% increase in article downloads. Similarly, we've seen an increase in the journal impact factors (JIF) from 2018: from 0.919 to 0.986, with a 7% increase in the 2-year JIF, and from 0.969 to 1.178, with a 22% increase in the 5-year JIF.

### **Publishing Awards**

CSP supports the community by sponsoring awards, such as the CJPS-CSP Best Paper award, the Outstanding Weed Science Paper award, and the CWSS-SCM Outstanding Professional Staff Award.

Last year, Dr. Laura Van Eerd won the CJPS-CSA Best Paper award for her work entitled "Comparing soluble to controlled-release nitrogen fertilizers: storage cabbage yield, profit margins, and N use efficiency." This research was highly innovative, novel, and relevant to both farmers and CJPS readers. The work was also considered comprehensive incorporating agronomic, economic and environmental perspectives. *Congratulations Laura!*

Moving forward in 2020, CJPS will work to increase in Canadian content and increase its synergy with its affiliate societies. We welcome your feedback! We are your journal! Contact CJPS at [cjps@cdnsiencepub.com](mailto:cjps@cdnsiencepub.com).



## CSA Membership Renewals

**Reminder, It's time to renew your membership in the Canadian Society of Agronomy!**

Online registration is available on our website. You can also download a pdf copy of the membership form, complete the form and mail-in your payment. To access go to [AgronomyCanada.com](http://AgronomyCanada.com) and follow the membership pull down menu.

Thank you for your membership!

## Volunteers Needed for CSA Booth at ICSC2020

The CSA is asking members to consider volunteering to staff the CSA Booth at [ICSC2020](http://ICSC2020). Its a great opportunity to network with your colleagues and support your society.

Below are the hours the Exhibit Hall will be open.

- Sunday, June 21
  - 17:30 – 18:30
- Monday, June 22 and Tuesday, June 23
  - 9:30 – 17:00 (each day)
- Wednesday, June 24
  - 9:30 – 13:00

If you are planning on attending ICSC2020 and would like to volunteer please email Nancy at [nzubriski@gmail.com](mailto:nzubriski@gmail.com).

## Canadian Society of Agronomy Photo Contest

Start collecting photos for our 2020 Photo Contest! The objective is to encourage CSA members to capture excellent agronomy-related images and to share these images with fellow CSA members. The three best photos submitted in each of three categories will be recognized. Category 1: Agronomy in action; Category 2: Crops and Biological Interactions; Category 3: Landscapes and Fieldsapes. The winning photos will be chosen by a panel of judges selected by the Photo Contest Coordinators at the CSA 2020 annual meeting (June 21 - 25, 2020). We will award 1st, 2nd and 3rd place in each of the 3 categories.

Photos can be submitted by email ([csagronomy@gmail.com](mailto:csagronomy@gmail.com)) or Twitter, by tweeting a high-resolution image to @AgronomyCanada using the hashtag #CSA2020photocontest. Please provide a category and a short, descriptive caption or title for your photo when submitting.

# Canadian Society of Agronomy Executive Committee 2019/20

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