



# NEWSLETTER

CANADIAN SOCIETY for HORTICULTURAL SCIENCE  
*SOCIÉTÉ CANADIENNE DE SCIENCE HORTICOLE*

## Your executive / *Votre exécutif*

President	<i>Shahrokh Khanizadeh, QC</i>	<i>Président</i>
Vice President	<i>David Percival, NS</i>	<i>Vice-président</i>
Secretary-treasurer	<i>Denis Charlebois, QC</i>	<i>Secrétaire trésorier</i>
Western representative	<i>David L. Ehret, BC</i>	<i>Représentant de l'ouest</i>
Prairie representative	<i>Bob Bors, SK</i>	<i>Représentant des Prairies</i>
Central representative	<i>Claude Richer, QC</i>	<i>Représentante du centre</i>
Eastern representative	<i>Sylvie Jenni, QC</i>	<i>Représentante de l'est</i>
Past President	<i>Yves Dejardins, QC</i>	<i>Président sortant</i>

April 2006

Volume 1 No. 2

Avril 2006

<i>In this issue</i>	<i>Page</i>
<b>PRESIDENT'S CORNER</b> .....	<b>2</b>
<b>MESSAGE FROM THE SECRETARY-TREASURER</b> .....	<b>2</b>
<b>AIC ON-LINE SUBMISSION AND REVIEW OF MANUSCRIPTS</b> .....	<b>4</b>
<b>GUIDELINES FOR SHORT-PAPERS</b> .....	<b>5</b>
<b>2005 AWARDS FOR BEST PAPERS PUBLISHED IN 2004</b> .....	<b>6</b>
<b>CSHS MEMBERS HONOURED</b> .....	<b>6</b>
<b>EXTENDED DEADLINE FOR ABSTRACT SUBMISSION</b> .....	<b>10</b>

## PRESIDENT'S CORNER



Hello to all.

With winter now behind us it is now easier to realize that the annual meeting is just a few months away. So do not forget to register and join us in Nova Scotia. The deadline for abstract submission is extended to **April 21, 2006**. It will be a mixture of science and fun especially for graduate students.

Graduate students **DO NOT MISS THIS MEETING**. See attached letter from V. Rupasinghe, Chair of Publicity Committee, and the message from the CSHS secretary-treasurer regarding the 6 graduate student awards.

### CSHS web update

We set up an online web access to all past and present newsletters including other items that will be exclusively available to CSHS members. An ID and password should already have been sent to you via AIC to give access to this and other items. Your executive is also working hard to set up a section to recognize those CSHS member that receive CSHS and other national and international awards. All of the CSHS members are invited to send a brief description of their award and a photo for posting under CSHS award section. Research results, posters, view-points or short communications can also be published online. Send your stuff to us for posting.

Please send us your feedback and any items including, post doctoral position, news, awards, new book, events, available horticultural position, announcement, degrees awarded, news developed products, patent and any horticultural news or achievement to [cshs@cshs.ca](mailto:cshs@cshs.ca) for the next Newsletter issue. Hope to see you all in NS.

*Shahrokh Khanizadeh, Ph.D.*  
President of CSHS  
[khanizadehs@agr.gc.ca](mailto:khanizadehs@agr.gc.ca)

## MESSAGE FROM THE SECRETARY-TREASURER



Bonjour! Both our web site and newsletter are being updated. From now on the CSHS Newsletter will have a volume and issue number. Please do not hesitate to send us any relevant information that might be of interest to our members. This newsletter is YOUR newsletter.

**AWARDS** – This year three **CSHS travel awards** (\$400 each) will be given to deserving graduate students. Along with their cheque a certificate will be presented at the banquet during the joint meeting in Halifax. The Society will also select and honor a horticulturist

who is either an active, retired or life member of the CSHS with substantial contribution to horticultural research. This [CSHS Merit Award](#) recognizes extraordinary achievements by individuals which benefit horticulture, its clients or employees. The recipient will receive a certificate along with a \$300 cash award. Please visit the CSHS web site ([www.cshs.ca](http://www.cshs.ca)) and use the nomination form for the above awards. The deadline for nomination is **April 30, 2006**.

Three more awards will be given to the author(s) of the best posters. The [CSHS best poster award](#) (\$400 each) recipients will be announced at the closing banquet.

**MANUSCRIPTS** – We received wonderful news from AIC for implementation of an [On-Line Submission and Review of Manuscripts](#) (see p. 4). The web-based manuscript submission and peer review system called OSPREY is developed by the Canadian Institute for Science and Technical Information (CISTI). OSPREY offers continuous access while providing security, reliable back up of data and detailed manuscript tracking. The system is user friendly and fully web enabled with no special software or hardware needed from authors, reviewers or editors. It is easily customized to fit AIC’s systems and adaptable to current operations. This will accelerate the registration and submission of manuscripts that can be reviewed from anywhere in the world. It also provides rapid access to check on submission status at any time from editorial office. AIC plans are to have the system in place by this summer and we are looking forward to us it. AIC is also looking into several other items including web-based pay per article, search capacity, cross reference, citations manager and also publishing on-line in html or PDF format. We will pass on the updates as they become available.

**ERRATUM** – Thank to Dr. Andrew R. Jamieson (Kentville, N.S.) for reporting another case of spreadsheet mumbling. Table 2 in the February issue of this newsletter should look like this:

Table 2. Number of CSHS members per 1 000 000 habitants in 2005 (in decreasing order)

Province	Representation
Nova Scotia	18,1
Prince Edward Island	14,8
Saskatchewan	9,8
New Brunswick	9,2
Manitoba	4,3
British Columbia	4,3
Ontario	3,2
Quebec	2,4
Alberta	2,8
Newfoundland	2,0

What should be remembered it that representation in the Maritimes is high and should be set as a goal for the other provinces.

Thanks to all our contributors.

*Denis Charlebois*, Ph.D.  
 Secretary-treasurer of CSHS  
[charleboisd@agr.gc.ca](mailto:charleboisd@agr.gc.ca)

## AIC ON-LINE SUBMISSION AND REVIEW OF MANUSCRIPTS

AIC staff met with the Manager, Journals Program and the Business Development Officer at the Canadian Institute for Science and Technical Information (CISTI), a section of the National Research Council (NRC) to confirm AIC's interest in using a web-based manuscript submission and peer review system called OSPREY, which was developed by CISTI. OSPREY offers access 24 hours a day, 7 days a week while providing security of access, reliable back up of data and detailed manuscript tracking. The system is user friendly and fully web enabled with no special software or hardware needed to make a submission or for reviewers or editors. It is easily customized to fit AIC's systems and adaptable to current operations.

With OSPREY authors can: Register and submit manuscripts quickly and easily; Submit or review from anywhere in the world with web-access; Check on the status of the submission at any time and keep up to date through e-mail messages from the editorial office. Submit manuscripts in virtually any format and in one file or separate files for text, tables and figures

OSPREY on-line review is a progressive step to keep the AIC journals systems current, improve speed and accuracy of reviews and reduce both administration and electronic storage on the AIC server. AIC plans to have the system customized and in place with staff trained and familiar with the system by this summer.

### Search Capacity and Accessibility of Articles

Over the past few years we have looked at making improvements to the accessibility of the journals on the web such as:

- Offering pay per view on individual articles.
- Greater search capacity
- Linking to referenced articles published in other journals via CrossRef.
- Downloading references to Citation Manager
- Publishing on-line in html format as well as pdf.
- Giving access to individual articles to reviewers.

These operations and other tasks necessary to get into the broader electronic network of articles/journals/issues are dependant on having abstracts and articles in XML and/or SGML codes. We have been following developments and costs for translating into XML and SGML and we expect the opportunity will present itself in 2007 to 2008 to make the move to XML and/or SGML format. This shift will increase the search capacity, link the journals to the wider network and, by doing so, it should increase those viewing and citing papers which raises the value and credibility of the journals.

*Tom Beach*, P.Ag., CAE

Executive Director

Agricultural Institute of Canada

280 Albert Street, Ottawa, ON K1P 5G8

Toll Free: 1-888-277-7980 or 613-232-9459, ext 302 Fax: 613-594-5190

## GUIDELINES FOR SHORT PAPERS

### Canadian Journal of Plant Science: Guidelines for Short Papers

The Canadian Journal of Plant Science plans to publish a special issue which will include short papers presented at the Canadian Society of Agronomy and Canadian Society of Horticultural Sciences Annual conference in Halifax on August 2-4, 2006. The authors who are presenting scientific papers or posters are invited to submit short papers for publication. These short papers allow the authors to report research results that are not likely to be published as a full journal article, but offer novel and intriguing findings. Manuscripts should be written in English or French, and should be succinct. They should describe the original work of the authors that has not been published in a peer-reviewed journal and is not under consideration for publication elsewhere. The deadline for submission is June 15, 2006.

Submission of short papers for publication in the Canadian Journal of Plant Science is optional. Participants can make oral or poster presentations at the Annual Meeting without any short paper submission, provided that the presentations are pre-approved by the Organizing Committee of the Annual Meeting. In short, abstracts of all approved presentations and posters will be published in the above special issue whether or not full articles were submitted for consideration as short or symposium papers.

The format of short papers is similar to that of full-length articles. Manuscripts should consist of the following sections: Title page, Abstract (usually no more than 200 words), Introduction, Materials and Methods, Results and Discussion, Acknowledgments and References (usually less than 15). Short papers should be approximately 2,000 words in length (including references). Figures and tables should be kept to minimum (usually a maximum of three illustrations). Consult the Instructions to Authors of the Canadian Journal of Plant Science and Operation Manual for other technical details (<http://pubs.nrc-cnrc.gc.ca/aic-journals/instructions.html>).

The manuscripts will be rapidly reviewed by two referees for their scientific merit. If manuscripts require extensive revision, or grow as a result of the review process, then these manuscripts will not be accepted, and their authors may be advised to submit them as full-length articles to the Canadian Journal of Plant Science for publication in its regular issues. Therefore, manuscripts should be critically reviewed by colleagues before submission.

All submissions must be in electronic version (Word or WordPerfect) and e-mailed to [journals@aic.ca](mailto:journals@aic.ca). The manuscript should be sent as one file with tables and illustrations embedded at the end. When reference is made to manuscripts that are "in press", an electronic version of the in-press paper should also be e-mailed. Authors submitting manuscripts are required to complete a submission form (<http://pubs.nrc-cnrc.gc.ca/aic-journals/apssubmit.html>), which must be signed by all authors. Papers will not be published until the signed submission form has been received. For submissions with at least one author who is a current member of a sponsoring scientific society (CSA, CSHS, CWSS, CSAS, CSSS, CSAFM) the page charge is \$112.00. For submissions from non-members the page charge is \$122.00.

## 2005 AWARDS FOR BEST PAPERS PUBLISHED IN 2004

It is never too late to mention the good work accomplished by our members. In order to give proper credit to those who sent outstanding papers for publication here is the list of the best papers published in the Canadian Journal of Horticultural Science in 2004. These papers are:

### **Macoun Hill Award**

In recognition of the best horticultural paper

### **C.J. Bishop Award**

In recognition of the best horticultural paper on fruits

P. Rochette, G. Bélanger, Y. Castonguay, A. Bootsma, and D. Mongrain

Climate change and winter damage to fruit trees in eastern Canada

Can. J. Plant. Sci. 84: 1113-1125 (2004)

### **Ontario Fruit and Vegetable Growers Association Award**

In recognition of the best horticultural paper on vegetables

B.J. Zearth, G. Tai, R. Tarn; H. de Jong; P.H. Milburn

Nitrogen use efficiency characteristics of commercial potato cultivars

Can. J. Plant Sci. 84:589–598 (2004)

### **Plant Products Co. Ltd. Award**

In recognition of the best horticultural paper on ornamentals

C. Chong and P. Purvis

Nursery crop response to substrates amended with raw paper mill sludge, composted paper mill sludge and composted municipal waste.

Can. J. Plant Sci. 84: 1127-1134 (2004)

Our congratulations go to these authors and to their teams and our apologies for the delay.

## CSHS MEMBERS HONOURED

### **CSHS members received the Ontario Agri-Food Innovation Award - 2005**

Drs. Vasantha Rupasinghe (Nova Scotia Agricultural College), Jennifer DeEll (Ontario Ministry of Agriculture and Food) and Peter Toivonen (Agriculture and Agri-Food Canada) were the part of a team who received the Agri-Food Innovation Award at the inaugural Agri-Food Innovation Forum, which took place in Hilton hotel in Toronto during June 19-22. The Agri-Food Innovation Awards Program is a coordinated effort of Agriculture and Agri-Food Canada (AAFC), Ontario Ministry of Agriculture and Food (OMAF) and Ontario Agri-Food Technologies. The 2005 awards focus on Agriculture, Food and Human Health. The Innovation Award was one of the three categories of awards, which recognizes an individual, team, organization or business whose leadership, new technology, value-added product

or service has improved, or holds the potential to improve, the health of the citizens of Ontario, while at the same time generating profits for the agri-food sector.



The award certificate that the team received by the Ministers of Agriculture and Food, and Health and Long Term Care at the award ceremony quotes “This award recognizes your work, as part of the fresh cut apple slices team, to introduce pre-packed apple slices to the marketplace. This new and innovative product is the first of its kind and has opened up an important new market for Ontario apples.”. The pre-packed apple slices, which have recently been introduced to the market place by McDonalds’s Food Chain, are the result of a large, successful collaborative project that was co-ordinated by Dr. Rupasinghe when he was with University of Guelph prior to the present career of Tree Fruit Bio-product Research Chair at NSAC.

#### [A CSHS member receives Gold Harvest Award](#)

On Dec 2006 Shahrokh received the 1<sup>st</sup> Gold harvest award from Leonard Edward Deputy Minister office of pride and recognition in recognition of exceptional commitment to the qualities of excellence and innovation, partnering and team building, leadership, client-centre work, and inclusiveness. This award recognized the research in the field of sustainable development, particularly with regard to genetic enhancement and cultivar development, collaboration with universities and non-governmental organizations and the important work that foster inclusiveness and equity.

Dr. Khanizadeh is a plant breeder. He studies thousands of cultivars of apples and strawberries and singles out the desirable traits. In Canada, desirable traits include disease-resistance, cold hardiness, antioxidant value – and even traits that will help fruit stay fresh on the long trek to a grocery store.



Dr. S. Khanizadeh and the Deputy Minister, Mr. Leonard J. Edwards

Have you ever cut up an apple only to see the flesh turn brown after a few minutes? A non-browning apple named “Eden” is just one of the many accomplishments of Dr. Khanizadeh ([www.cyberfruit.info/eden](http://www.cyberfruit.info/eden)) and he is currently working with food companies to promote the new apple variety to consumers.

Antioxidants are the current health trend as our aging population investigates new ways to preserve a healthy lifestyle. Dr. Khanizadeh is riding the crest of this trend by creating several new varieties of strawberries that are bursting with antioxidants. But he’s thinking bigger picture too. While many scientists are currently screening varieties for antioxidants, he’s also looking for sturdy Canadian qualities that will sustain the plant over our bitter winters, summer droughts and nasty pests. Dr. Khanizadeh is also an author. His colourful and comprehensive books on Canadian apples and plums are popular with both scientists and garden enthusiasts. A new edition to the series, listing 170 varieties of Canadian strawberries, was published last month ([www.cyberfruit.info/book](http://www.cyberfruit.info/book)).





A venue to share scientific discovery

March 28, 2006

Dear Colleagues:

[Halifax 2006: The Joint Meeting of the Canadian Societies for Agronomy, Animal Science and Horticultural Science, to be held at the Westin Hotel, Halifax, Nova Scotia – August 1-4, 2006](#)

**Please note that the extended deadline for abstract submission is Friday April 21, 2006.**

It is our hope that you will register and take part in this exciting conference, which brings together three unique research groups in agricultural sciences.

There are great opportunities for **Graduate Students!**

The "all inclusive" price for graduate students who are members of their scientific society is only \$150, which includes registration for all events, a scientific society tour, three lunches, a welcoming reception, a BBQ, an awards banquet and dance, **and** for graduate students only, a pub tour and mixer. Accommodation is not included. Oral and Poster sessions are planned and all graduate students are encouraged to participate in competitions for best papers.

Website for Halifax 2006 is <http://nsac.ca/pas/conferences/default.asp>

We look forward to seeing you at the Halifax 2006 in August.

Best wishes,

Vasantha Rupasinghe, Ph.D,  
Chair of Publicity Committee, Halifax 2006

