

CSA Fall Newsletter

CSA Fall Newsletter

November 25, 1999

Links:

[Your New Executive](#)
[President's Report](#)
[Report on 1999 CSA Meeting](#)
[Homepage](#)
[Minutes of the Annual Business Meeting](#)
[Newsletter report 1999](#)
[Statement of Income and Expense](#)
[Outgoing President's Report](#)
[Restructuring Background](#)
[Vision](#)
[Resolutions Passed](#)
[Resolution Implementation](#)
[Executive Director](#)
[CSA Pest Management](#)
[Comments](#)
[Call for Applicants](#)
[Call for Papers](#)
[Membership Application Form](#)

CSA Fall Newsletter

CSA Fall Newsletter

November 25, 1999



Report of the Annual Meeting

Your New Executive

A new executive of the CSA was installed at the Annual General Meeting in Charlottetown.

The new President is Cynthia Grant, a fertility scientist at the Brandon Research Centre. Lianne Dwyer, of Agriculture Canada in Ottawa becomes President-Elect and David Major becomes Past-President. Gilles Bélanger of Agriculture Canada in Ste. Foy continues as Secretary Treasurer. Jim Moyer of Lethbridge and Pat Juskiw of Lacombe are the Western Directors and Clarence Swanton of Guelph and Jerry Ivany of Charlottetown are the Eastern Directors. A complete list of the executive with addresses is included on the back page of this newsletter.

In this issue...

Your New Executive	2
President's Report	2
Report on 1999 CSA Meeting	3
Homepage.....	3
Minutes of the Annual Business Meeting.....	4
Newsletter report 1999	6
Statement of Income and Expense.....	7
Outgoing President's Report	7
Restructuring Background.....	8
Vision	8
Resolutions Passed	8
Resolution Implementation.....	8
Executive Director.....	9
CSA Pest Management	9
Comments.....	9
Call for Applicants	10
Call for Papers	11
Membership Application Form	12

President's Report

Science is a constantly evolving process of discovery, and the science of agronomy is no exception. Over the past years, this evolution has created some challenges for the Canadian Society of Agronomy. Increasing concern about the effect of agricultural management practices on food quality and the environment, the emergence of genetically modified crops, and the potential of precision agriculture are all issues that face us in our professional and personal lives. Recent downsizing of Agriculture Canada's Research Branch and of the Plant and Crop Science departments at universities across the country have led to a stagnation of our membership, resulting in fewer people in the CSA available to address emerging issues. However, recognition of the importance of well-trained field agronomist has increased, highlighted by the development of the Certified Crop Advisor program. The expansion of the CCA program has provided the CSA with an opportunity that we cannot ignore.

As you will read in this newsletter, the Canadian Society of Agronomy is undertaking some major changes over the next few years. I am excited about the direction we are heading and would like to thank you for allowing me this opportunity to work with the society during this period. These changes are designed to improve our effectiveness as a society to address the needs of agriculture in the future. As professional agronomists, we provide information to improve agronomic practices. That process includes both the generation of information and the transfer of that information to the point where it will be applied in practice. By evolving with our profession, we are trying to ensure that CSA continues to serve the science of agronomy, from the laboratory bench to the farmer's fields.

-Cindy Grant, President

Report on 1999 CSA Meeting

Charlottetown, PEI

August 8-10, 1999

CSA '99 followed a slightly different format from the past meetings because AIC '99 was one day shorter than previous conferences. Overall this Sunday-to-Tuesday format seemed to work well.

There were pre- and post-conference tours in collaboration with CSSS and CSHS. Both tours were fully booked.

Registration at the CSA '99:

- members	65
- student	8
- banquet	70
- banquet, student	14

We were very pleased with the member and student participation. The program included two concurrent technical (theatre) sessions with 16 papers and 6 student papers. Two poster sessions included 23 papers and 5 student posters. We organized or co-sponsored three symposia which involved 20 papers. Technical sessions and symposia were generally well attended. The poster sessions were well attended. Poster authors were asked to attend their sessions between 11.30 and 12.30 to discuss and explain their research findings.

Registration fees covered most of our expenses. CSA received a grant (\$700) from AIC '99. We approached several companies and organizations for donations. Three sponsors, namely CARC, Oseco Inc./ABT (ABT Canada) and SeCan, agreed to support our activities and their generous support is greatly appreciated. Since our finances were handled by AIC '99 GST was refunded which helped us to balance tight budgets.

The SeCan student paper competition was one of the high points of the conference. The winners were:

Oral/theatre - 1 st place	Nathan Boyd,
2 nd place	Carolyn MacKendrick
Poster 1 st place	Yuming Bai
2 nd place	Mario Lira Jr.

CSA awards presentations were made during the banquet. An Eastern Forage Ruminant Network meeting was held August 12 and 13, 1999. Thirty five scientists attended 14 scientific presentations organized in four themes: Forage quality, pasture, nutrient management of forages, and forage persistence.

A Forage Quality Workshop organized by Dr. Ed Charmley was the centrepiece of the meetings with six invited

speakers. The EFRN will meet their western counterparts at the 2000 CSA meetings in Winnipeg in a joint symposium. In 2001, Dr. Gilles Belanger will chair the EFRN meeting in Sainte-Foy, Quebec.

Recommendations:

- Fund raising should start early so that potential sponsors can be identified.
- Establish realistic deadlines for paper abstracts. It appears that members keep sending abstracts at least a month after the deadline which seems to be a CSA tradition.
- Banquet and other functions. We had more people attending than tickets sold.
- Establish policy on CSA registration of speakers of offered papers and poster presenters. We required CSA registration by the presenters of all volunteer papers which worked quite well.
- Set up web site for the conference as early as possible.

The CSA site is excellent for this purpose. AIC '99 coordinator Paul Jenkins and Dwane Mellish, our CSA contact, gave us excellent support and updates were done quickly.

- Work closely with the AIC 2000 Organizing Committee and get updates on planning and progress.

On behalf of CSA '99 we extend our thanks to all those members and volunteers involved in the organization of the meeting. Your help and commitment are truly appreciated.

Tapani Kunelius
Hans Nass
Bert Christie
Yousef Papadopoulos
David McKenzie

Homepage

The CSA homepage is up and running thanks to Dwane Mellish and his staff at the Nova Scotia Department of Agriculture and Marketing.

Please visit this site to find out more about the society and what is happening.

Minutes of the Annual Business Meeting

Canadian Society of Agronomy
August 10, 1999
University of Prince Edward Island

President Dave Major called the Annual Meeting to order at 4:15 PM.

1. Approval of the agenda

Moved by Loraine Bailey, Seconded by Dave McKenzie to approve the agenda. Carried.

2. Introduction of the Executive

Members of the Executive who were present were introduced.

3. Approval of the 1998 Annual Meeting Minutes

Moved by Adrian Johnston, Seconded by Loraine Bailey to accept the minutes. Carried.

4. Business arising from the minutes

Plan to increase membership was discussed under item 7.

5. Reports

5.1 Treasurer

The audited financial statements were presented by Gilles Bélanger.

Moved by Gilles Bélanger, Seconded by Don Smith to accept the 1998 audited financial statements. Carried.

It was suggested that the final audited statement for the International Grassland Congress be requested so that it can be removed from the Statement of Income and Expenses. Action: Gilles Bélanger.

5.2 Membership

Gilles Bélanger presented the membership statement.

Moved by Gilles Bélanger, Seconded by Ralph Martin to accept the membership report. Carried.

5.3 Newsletter

Ralph Martin presented a written report.

Moved by Loraine Bailey, Seconded by Dave McKenzie that, in the future, a check box be included on the membership invoice to ask members if they want a hard copy of the newsletter or if they are satisfied with the copy on the CSA web page. Carried.

Moved by Ralph Martin, seconded by Clint McLean to accept the newsletter report. Carried.

5.4 AIC Board of Directors

No report was presented. A written report should be requested from Mick Price and attached to the minutes.

5.5 AIC Foundation

No report was presented.

5.6 Expert Committee on Plant and Microbial Gene Resources

No report was presented.

5.7 Canadian Journal of Plant Science

Alek Choo presented a written report on behalf of Paul Jefferson (CJPS editor).

Moved by Alek Choo, Seconded by Loraine Bailey to accept the report. Carried.

5.8 President

Dave major presented a written report.

5.9 Nomination

Moved by Don Smith, Seconded by Loraine Bailey to accept the following list of nominations. Carried.

President	Cynthia Grant	(1999-2001)
President-Elect	Lianne Dwyer	(1999-2001)
Secretary-Treasurer	Gilles Bélanger	(1999-2001)
Western Directors	Pat Juskiw	(1999-2001)
	Jim Moyer	(1999-2000)
	Martin Entz	(2000-2001)
Eastern Directors	Jerry Ivany	(1999-2001)
	Clarence Swanton	(1999-2000)
	Yousef Papadopoulos	(2000-2001)

Honours and Awards

Adrian Johnston	(1999-2001)
Loraine Bailey	(1999-2001)
David Major	(1999-2001)

AIC Research Foundation

Loraine Bailey	(1999-2001)
----------------	-------------

CSA Conf. Program Reps

Martin Entz	(1999-2000)
Clarence Swanton	(2000-2001)

Expert Committee Grain

Bill Legge	(1999-2001)
------------	-------------

Expert Committee Cereal and Oilseeds

Harvey Voldeng	(1999-2001)
----------------	-------------

Membership Committee

Pat Juskiw	(1999-2001)
------------	-------------

Nominations Committee

David Major	(1999-2001)
-------------	-------------

Don Smith (1999-2001)

5.10 Awards

Clint McLean presented a verbal report. Moved by Clint McLean, Seconded by Don Smith to accept the verbal report.

5.11 CSA Homepage

Dwane Mellish presented a verbal report.

Moved by Don Smith, Seconded by Yousef Papadopoulos that an honorarium of \$200/year be given to the person at NSAC responsible for the maintenance of our CSA web page.

Moved by Dwane Mellish, Seconded by Yousef Papadopoulos to accept the report. Carried.

6. Appointment of auditors

Moved by Loraine Bailey, Seconded by Don Smith that the secretary-treasurer appoints auditors for 1999. Carried.

7. CSA Pest Management Scholarship

When the the Canadian Pest Management Society ceased operations they transferred their fund balance to CSA with the agreement that a Pest Management Scholarship would be created using the income from the invested fund. The invested fund will have generated sufficient income to award the first scholarship in 2000.

It was moved by Jerry Ivany, Seconded by Dwane Mellish that By-Law 13 (Awards) be amended as follows:

By-Law 13i. The Society may award a Pest Management Scholarship to a qualified graduate student enrolled at a Canadian University with research programs relevant to pest management.

1. The Society shall have a Pest Management Scholarship Committee appointed by the President and confirmed by the Executive at the Annual meeting.

2. The Pest Management Scholarship Committee will seek applicants from qualified graduate students at Canadian Universities.

3. The scholarship will be awarded to a student conducting research on a pest management topic related to agronomic research. The Award shall be for a minimum of \$500.00 and may be increased from time to time by the CSA Executive. Should the income from the Scholarship Fund in any year be less than the amount of the Scholarship, the shortfall will be covered by the CSA operating budget. If an award is not made in any year, the income from the Fund will be retained in it.

4. The CSA Pest Management Scholarship Committee shall establish the evaluation criteria for the granting of the Award and select the winner.

5. The Pest Management Scholarship Committee report to the Executive shall be final.

Carried.

8. Proposal for CSA restructuring

Dave Major presented the CSA restructuring plan.

The meeting was adjourned at 17:45 and reconvened on 11 August at 9:00.

The following resolution was presented and the eight elements were approved separately.

WHEREAS the CSA provides valuable services to agronomists in Canada through the newsletter, its involvement in the Canadian Journal of Plant Science, and recognition of outstanding achievement through the Fellowship program; and

WHEREAS government downsizing means membership in the CSA is static or declining; and

WHEREAS the profession of Agronomy is growing rapidly and industry involvement in Agronomy has increased due to the growth of technologies such as precision agriculture;

THEREFORE BE IT RESOLVED, that the CSA implement the following Restructuring Plan:

i. Increase annual membership fees for regular members to \$60/year and offer free membership to graduate students at Canadian universities and Canadian students at foreign universities;

Moved by Loraine Bailey, Seconded by Surya Acharya. Carried (one abstention).

ii. Executive investigate the requirements for establishing formal links with the Certified Crop Advisor program;

Moved by Dave Hume, Seconded by Surya Acharya. Carried.

iii. Executive investigate the requirements for establishing formal links with the Expert Committee on Weeds;

Moved by Dave Hume, Seconded by Surya Acharya.
iv. Employ an Executive Director, at a cost not to exceed \$12,500 per year, subject to annual review;
Moved by Clinton McLean, Seconded by Ralph Martin.
Carried.

v. Encourage Certified Crop Advisors to become CSA members;
Moved by Loraine Bailey, Seconded by Ralph Martin.
Carried.

vi. Encourage members of provincial institutes of agrology to become CSA members;
Moved by Clinton McLean, Seconded by Surya Acharya.
Carried.

vii. Current president develops an action plan by December 31, 1999 for publishing the newsletter every two months;
Moved by Dave Major, Seconded by Alex Choo. Carried.

viii. Establish an annual Western and an Eastern Technical Meeting, one of which will be held in conjunction with the Annual CSA meeting.
Moved by Alek Choo, Seconded by Surya Acharya.
Carried.

10. CSA 2000 meeting update

Martin Entz is the contact person during the absence of Ray Smith.

11. Other business

11.1 CSA Annual Meeting Abstract Publication
Moved by Dave McKenzie, Seconded by Yousef Papadopoulos that, in the future, the CSA registration fee collected by the local CSA conference organizing committee be increased to cover the cost of publishing the Abstracts in the Canadian Journal of Plant Science.
Carried

11.2 AIC 2000
Jim Elliot presented AIC 2000 to be held in Winnipeg.

11.3 Paul Cravers
Paul Cravers discussed the monographs produced at the NRC Research press.

11.4 Biological Weed Series

Carried.
The possibility to have an associate editor (CJPS) from the Expert Committee on Weeds was discussed.

12. Resolution

WHEREAS the 1999 CSA meeting has been very well organized and the technical program has been of its usual high quality, therefore be it resolved that we extend our thanks to Tapani Kunelius, Hans Nass Yousef Papadopoulos and Dave McKenzie for organizing the 1999 CSA meeting and technical sessions. *Carried.*
Moved by Loraine Bailey, Seconded by Dave Hume to thank the executive members who have completed their terms. Carried.

13. Adjourned.

Newsletter report 1999

- 1) Three issues of the newsletter were published in 1998 - 1999, rather than two issues/year. This was in response to the request of the 1998 CSA AGM in Vancouver.
- 2) The graduate student list is on the CSA website rather than in the newsletter according to a suggestion of the 1998 CSA AGM. We recommend that this list be updated in the spring of each year.
- 3) The newsletter is also available on the CSA web site.
- 4) The cover photos are still in black and white rather than colour to save about \$600 per issue.
- 5) The production editor was paid by CSA in 1998-1999 within the budget approved at the 1998 CSA AGM.
- 6) Our 3 year term has ended and we will be pleased to pass on information and details to the next newsletter editor or editing team.

Respectfully submitted by Ralph Martin, Co-editor

for Yousef Papadopoulos, Co-editor
and Marianne Clark, Production Editor

Dr. Ralph C. Martin Phone: 902-893-6679
Plant Science Dept., Fax: 902-897-9762
Nova Scotia Agricultural College,
Truro, Nova Scotia
B2N 5E3

Statement of Income and Expense

Year Ended December 1998

Audited

	End Preceding Fiscal Year	Current YTD
REVENUE		
MEMBERSHIP FEES	10,465	9,922
INTEREST INCOME	269	401
CPMS SCHOLARSHIP FUND	7,378	0
CPMS INTEREST INCOME	0	241
U.S. PREMIUM	97	98
CSA CONFERENCE	778	939
DONATIONS - AWARDS	0	3
ABSTRACT PUBLICATIONS	1,050	1,024
TOTAL REVENUE	20,037	12,628
EXPENSES		
OFFICE SERVICES	2,518	2,503
POSTAGE	312	658
PRINTING - NEWSLETTER	2,761	2,092
PRINTING - ABSTRACTS	803	722
PRINTING - MISCELLANEOUS	0	206
TRAVEL	0	0
CONFERENCE	0	285
AIC MEMBERSHIP FEE	4,545	4,620
AWARDS	37	0
TOTAL EXPENSES	10,976	11,086
NET INCOME	9,061	1,542

Outgoing President's Report

This is my second and final report to the Annual Meeting as President of the CSA. I extend my sincere thanks to Gilles Belanger for his help and guidance over the past two years. The CSA successfully sponsored the nomination of Loraine Bailey as an AIC Fellow in 1999. My sincere thanks to those in Brandon who wrote up the documents and, on behalf of the society, our congratulations to Loraine. The AIC Fellowship, added

to his ASA Fellowship is deserving recognition of a job well done and an indication of the significant impact Loraine has had on our the CSA, Agriculture in Canada, and on the careers of many of us in Canada.

Tapani Kunelius has performed miracles organizing the 1999 CSA meeting with very little help from the Executive. The organizing committee is to be congratulated on a job well done.

We have achieved little or no progress on the many objectives we have to rebuild the society. A restructuring plan is to be presented to the Annual General Meeting on August 10, 1999 so the future rides on the outcome of that meeting.

The profession of Agronomy is healthy and many industries are hiring scientists, field scouts etc to help farmers take advantage of new technologies and we have a world-class journal.

Downsizing in government has stopped and hopefully there will be a reversal in the coming years as the Baby-Boomer scientists retire leaving room for young scientists to establish themselves.

It is my opinion that we need to take a good hard look at our affiliation with the AIC. I know that this has been a subject of continual discussion for the past ten years or more. A portion of our annual dues goes to the AIC each year and we have to decide if we are getting value for those dollars. I know that the society needs more services and maybe AIC can provide those. But it may well be that should hire an assistant who could take over many of the jobs that AIC now performs at a lower rate than AIC charges.

I want to thank everyone who has helped make my tenure as President an interesting experience and I look forward to working with the new executive.

Restructuring Background

Restructuring of the Society is necessary because of several factors. The CSA is primarily a scientific organization whose members are researchers working in the federal department of agriculture and crop science departments at the universities with agricultural programs.

In the eighties and nineties government allocations for research diminished in the face of rising deficits and persistent food overproduction. Most research programs have been downsized or rationalized and few new scientists are being hired. Enrollment in the crop science options declined in favour of more environmentally oriented options. Coincident with downsizing has been an increase in the R&D efforts carried out by industry.

The remaining scientists and professors have had to deal with a heavy workload in this downsized environment and this has impacted negatively on the volunteerism needed to sustain a Society like ours.

Vision

More agronomists are finding employment as consultants and privately funded researchers and there is a trend toward increased certification under the Certified Crop Advisor program, the P.Ag. Programs run by Provincial Institutes and ARCPACS, the professional registry of the American Society of Agronomy.

The emergence of precision agriculture and biotechnology is resulting in an increase in employment for professional agronomists. New Genetically Modified crop varieties are taking over the market place. New enabling technologies such as global positioning systems, geographical information systems, variable rate technology and remote sensing are making possible a future in which farmers will be able to farm by the pixel rather than by the field, thereby increasing profit potential and reducing environmental impacts. And many traditional industries are finding that their staff need CCA certification to meet the company's needs. The CSA is well positioned to provide a forum for these new agronomists to acquire their educational credits and to present their results and experiences.

The proposed restructuring of the Canadian Society of Agronomy is intended to respond to these changes.

Resolutions Passed

The CSA executive recommended to the Annual General Meeting that eight resolutions be passed:

- i. Increase annual membership fees for regular members to \$60/year and offer free membership to graduate students at Canadian universities and Canadian students at foreign universities;
- ii. Executive investigate the requirements for establishing formal links with the Certified Crop Advisor program;
- iii. Executive investigate the requirements for establishing formal links with the Expert Committee on Weeds;
- iv. Employ an Executive Director, at a cost not to exceed \$12,500 per year, subject to annual review;
- v. Encourage Certified Crop Advisors to become CSA members;
- vi. Encourage members of provincial institutes of agrology to become CSA members;
- vii. Current president develop an action plan by December 31, 1999 for publishing the newsletter every two months;
- viii. Establish an annual Western and an Eastern Technical Meeting, one of which will be held in conjunction with the Annual CSA meeting.

These resolutions were discussed by a good cross-section of the membership on the afternoon of August 10 and again on the morning of August 11. The resolutions were passed by the membership.

Resolution Implementation

Key to the restructuring will be information and implementation. Membership has to be informed and convinced of the value of these changes.

The new executive will hire an Executive Director who will commit one day per week to implementing the membership plan. The following lists some of the key elements of the new plan:

- employ an Executive Director
- an increase in membership dues to \$60/year
- open membership to all Certified Crop Advisors
- newsletter published bi-monthly

- organize an eastern and western technical meeting each year
- prepare a poster of the benefits of CSA
- maintain homepage
- develop formal links with Expert Committee on Weeds
- develop formal links with Expert Committee on Plant Breeding

Executive Director

In the coming weeks the position of Executive Director will be advertised. The selection committee will consist of the President and her designates.

The Executive Director will report to the President and his/her duties will include:

- Maintain close links with President
- Maintain a directory of members
- Prepare and mail membership renewal invoices
- Manage CSA finances
- Solicit and write articles for, prepare, and mail bimonthly newsletter
- Develop and maintain links with the CCA program
- Assist with organizing eastern and western technical meetings annually
- Apply for continuing education units for technical meetings
- Maintain CSA homepage

CSA Pest Management

The By-Laws of the CSA were changed at the 1999 Annual Meeting in Charlottetown to establish a CSA Pest Management Scholarship open to students at Canadian universities with research programs relevant to pest management. A selection process has also been prepared and the Scholarship Selection Committee is composed of Jerry A. Ivany, Rick Holm and Jim Moyer. The first Scholarship will be awarded in 2000 with the winner expected to attend the CSA Annual Conference in Winnipeg, July 15 - 19, 2000 and to present a paper about their research findings.

The CSA Pest Management Scholarship consists of an award of \$500 to the student and up to \$1000 in travel funds to attend the annual CSA conference. Funds for the student scholarship will come from interest earned from the funds that Canadian Pest Management Society

- develop formal links with Certified Crop Advisor Program

brought to the CSA and travel funds will be provided by Monsanto Canada Inc.. Submit applications to Dr. Jerry A. Ivany at address below to be received no later than April 30, 2000. CSA members are asked to let any students they know about this new Scholarship.

Application Forms can be obtained from:

Jerry A. Ivany

Agriculture and Agri-Food Canada

Crops and Livestock Research Centre

Box 1210

Charlottetown, PEI, C1A 7M8

Voice: 902-566-6835

Fax: 902-566-6821

EM: IvanyJ@em.agr.ca

OR: on the CSA Webpage at

<http://agri.gov.ns.ca/csagron/index.htm>

Comments

If you have any comments or items for the next newsletter please send them to:

D. J. Major

Alpha AgResearch Ltd

Suite 206

1410 Mayor Magrath Drive South

Lethbridge, AB, T1K 2R3

Phone: 403-327-9970

Fax: 403-327-9610

Email: dmajor@resource21.com

or david.major@home.com

Call for Applicants

Executive Director of the CSA

The Annual General Meeting of the Canadian Society of Agronomy in Charlottetown passed a resolution instructing the CSA Executive to hire an Executive Director who will work approximately one day per week (maximum \$12,500/yr). Reporting to the CSA President, the Executive Director will assist the CSA Executive in their efforts to provide service to the membership. The candidate must be energetic, highly organized, self-motivated and provide a computer equipped with software to provide email capability, word processing (WordPerfect and Word), project management (eg MS Project), presentation software (PowerPoint) and spreadsheets (Excel and Quattro Pro). The tasks involved will include:

- Maintain close links with President
- Manage a mutually agreed set of tasks
- Solicit and write articles for, prepare, and mail bimonthly newsletter
- Develop and maintain links with the Certified Crop Advisor program
- Assist with organizing eastern and western technical meetings annually
- Apply for continuing education units for technical meetings
- Compile the proceedings of the annual meeting
- Disseminate information about the annual meeting and other activities
- Maintain a directory of members
- Prepare and mail membership renewal invoices
- Maintain CSA homepage

Send your application, including experience, capabilities and references, by December 31, 1999 to:

Lianne Dwyer, Vice-President
Canadian Society of Agronomy
Agriculture & Agri-Food Canada
Eastern Cereal & Oilseed Research Centre
960 Carling Av
Ottawa, ON, K1A 0C6
Phone: 613-759-7525
Fax: 613-
Email: dwyerl@agr.em.ca

Call for Papers

**Canadian Society of Agronomy
Annual Meeting
Winnipeg, MB
July 15-19, 2000**

Plan to actively participate by presenting a paper. Please remember that at least one author must be a member of CSA for the paper to be accepted.

Graduate students are encouraged to enter the GRADUATE STUDENT PAPER COMPETITION which has cash prizes. Competing students must be, or become, a postgraduate student member of CSA, regardless of the membership status of co-authors.

Author(s) name(s):
Please indicate CSA
membership status with
an asterisk (*)

Address:

Telephone:

Paper Title:

Is this paper to be entered in the GRADUATE STUDENT COMPETITION?

_____ YES _____ NO

Do you prefer to present this paper: as a poster ____; orally ____; either ____.

The length of papers should not exceed 15 minutes. Slide and overhead projectors will be available.

ABSTRACTS of 300 words or less are required. The abstract will be published in the Can. J. Plant Sci.

DEADLINE: Abstracts: March 15, 2000

Manuscript: May 30

Please send completed forms to:

Dr. Martin, Entz
Dept. of Plant Science
Faculty of Agricultural & Food Sciences
Rm. E309 Agriculture Bldg.,
University of Manitoba
Winnipeg, Manitoba
R3T 2N2

Membership Application Form

All university graduates working in agronomy-related fields are invited to join the Society. There are two categories of membership: Regular and Graduate Student. Graduate Student membership is free but requires the signature of the Department Head. Annual fees are \$60 for Regular Members. Members receive subscriptions to the Society Newsletter (quarterly) and subscriptions to Canadian Journal of Plant Science for half price. Membership will commence 1 January of the year application is accepted.

Title (Mr., Mrs., Ms., Dr., Prof., Other) & Surname: _____

Given name and/or initials: _____

Position: _____

Address: _____

Telephone number: _____

Facsimile number: _____

Email Address: _____

Highest Degree/Diploma & Institution: _____

N.B. Please complete the Professional Data **Questionnaire overleaf.**

Please make cheque or money order payable to:

THE CANADIAN SOCIETY OF AGRONOMY
Suite 1112
141 Laurier Av W
OTTAWA, Ontario
Canada K1P 5J3

The Canadian Society of Agronomy exists to enhance cooperation and coordination among agronomists in Canada; and to provide the opportunity to report, exchange, and evaluate information pertinent to agronomy in Canada. The Society is a non-profit educational and scientific society. The elected executive consists of the president, vice-president, past-president, secretary-treasurer and two directors from each of Eastern and Western Canada. The Society is affiliated with the Agricultural Institute of Canada. The Society hosts an annual technical meeting, usually in conjunction with the Agricultural Institute of Canada.