



Canadian Weed Science Society

Soci t  canadienne de malherbologie

Newsletter

Spring 2017

Message from the President Linda Hall

Inside this issue:
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Hello everyone, I hope spring finds you well and full of optimism for the coming season. I have spring fever, and can hardly wait. I agree with a fine Canadian philosopher 'In spring at the end of the day you should smell like dirt' (Margret Atwood).

For those of you who I have yet to meet, I am a professor at the University of Alberta where I teach weed science. I have a diverse research program and right now I have the pleasure of working with 8 graduate students, many of whom are completing their thesis simultaneously. I am pleased to be the CWSS president for

2017, but very aware of the size of the shoes I am filling. As I look at the list of past presidents and all they have accomplished in their careers and for the CWSS, it is a bit daunting. However, I have a great board of directors to work with.

I am very grateful to Rory Degenhardt who stepped into the role of 1st VP to fill the vacancy from Rene Van Acker. He brings organization skill and experience as a local arrangement committee chair to the board. He is being followed by Eric Page who is already making a contribution to the strategic planning for CWSS. We have a new secretary in Kristina Polziehn. Kristina is an agriculture consultant and a Nuffield Scholar, currently studying in Brazil. Our executive team is completed by Frances Boddy who is our experienced Treasurer. With three new executive team members, we are grateful for the gentle guidance from Jeff Bertholet, past president. Jeff along with Eric Johnson worked hard last year to bring forward a communication plan for CWSS.

Veterans on the board are Wendy Asbil and Michael Downs who are our regulatory representatives. Wendy and Michael provide significant contributions to CWSS through their hard work on the membership committee and Manual of

Our appreciation to the following companies for their support:

Platinum:

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President's Message continued

Operating Procedures, respectively. Representing graduate students on the board is Breanne Tidemann. We have two members at large, Steve Shirliffe and Meghan Moran. Our provincial extension representative is Chris Neeser who is doing double duty on the Communication Committee. Representing CropLife in the west is Colleen Redlick and Grey Wilson the east. Scott White is our Research Representative. Heading up the important local arrangements committee for 2017 is Bryce Geisel.

Thanks to many of you, last year was a great year that culminated in our annual meeting. The 70th annual meeting in Moncton, under the calm guidance of Gavin Graham and his team was a highlight. The fine hospitality and great location were just the start. We had some informative continuing education workshops, 15 fantastic graduate student presentations, and an exception plenary session of Forensic Weed Science. Thanks again to the organizers for all the fun you injected into our meeting. I am sure the photos in the newsletter will bring back good memories.

The meeting for 2017 in Saskatoon is coming together under the capable guidance of Bryce Geisel and his team. More details coming to you in the next newsletter as the program takes shape.

CWSS is special, first because of our inclusion of government, university and industry scientists to extension specialists and government and regulatory organizations. We welcome the opportunity to communicate. Secondly our graduate students are given special attention, including a prominent place in the meeting and social events. The role of CWSS for its members continues to evolve. Like many our sister societies, we are experiencing changes as the industry evolves and our industry sponsors consolidate. We need to ensure our meetings are relevant, and to serve our members, as this is our primary mechanism for revenue generation. To ensure you are getting what you need, we are listening to you. We are looking at feedback from the post meeting survey and would be happy to have additional input. Please contact me or any of the board members with your comments or suggestions.

Bring on spring!

Linda Hall, President, CWSS-SCM

The 2017 November CWSS-SCM Annual Meeting will be held at the Radisson in Saskatoon, Saskatchewan from November 20 to 24, 2017

JOIN OUR SOCIETY

If you have not paid your membership dues for 2017, you can now do so online. If you attended our November meeting, your fees for 2017 were included in the meeting fees. If you weren't able to attend you can become a member or renew your membership by the online link: <http://www.regonline.ca/canadianweedsciencemembership> .

Regular: (Educators, extension agents, government employees, growers, commercialization agents, regulators, researchers) - \$100

Student in an International University: - \$50

Retired: (Any person who has been a member of CWSS-SCM and has retired) - \$0

Student in a Canadian University with signature of supervisor: - \$0, please send in a copy of the registration form signed by your supervisor. Send in a copy of [our membership form](#).

CWSS-SCM 2017 Saskatoon Photo Contest

Start collecting photos for the Saskatoon Photo Contest. The objective of our photo contest is to encourage CWSS-SCM members to hone their photographic skills and to make excellent weed and weed management images available for use by CWSS-SCM members and in CWSS-SCM publications.

The three best photos submitted in each of three categories will be recognized. The winning photos will be selected by a panel of judges selected by the Photo Contest Co-ordinator. For more information on submission of Photo Contest entries, see the Photo Contest section of the Annual Meeting notice on the CWSS-SCM webpage.

The photo categories for 2017 (for the Saskatoon meeting—2017 November) will be

- Category 1: Agriculture and Forestry: Individual botanical subject is not the prime theme of the image. For example, production (seeding, spraying, cutting...) or general views (landscape)
- Category 2: Weeds: Pictures of plants (patches, whole individual or parts) considered as weeds. Images should demonstrate morphological characteristics and/or weed invasion/competition. For example, dandelion seeds transported by wind, vetch on evergreen, soybean field with common ragweed...
- Category 3: Research in action: Pictures of research activity whether it be in the lab, or in the field. For example, canola breeding greenhouse, plot seeding, hand spraying...

DEADLINE—September 30, 2017: Send photos to assistant@cwss-scm.ca or upload them to the meeting registration site. (The latter will be ready when fees and program are finalized.)

Prizes: 1st - \$100, 2nd - \$50, 3rd - \$25 in each of three categories. There will also be a People's Choice Award.

2016 Moncton CWSS-SCM Annual Meeting - Plenary Session



Canadian Weed Science Society
Société canadienne de malherbologie
70th Annual Meeting
Delta Beauséjour
Moncton, New Brunswick
November 21-24, 2016



←
**Local Arrangements Chair—
Gavin Graham**



↑
**Plenary Session Chair
Andrew MacRae**

Plenary Session—Forensic Weed Science

The CWSS-SCM plenary session on Forensic Weed Science coupled research by experts in the field of weed science interspersed with recent case studies. Dr. Peter Sikkema of the Ridgetown Campus of the University of Guelph spoke on herbicide performance and on how herbicides might cause crop injury. Dr. Tom Wolf of AgriMetrix in Saskatchewan talked about when the application method of herbicides might be at fault. Dr. Jeff Schoenau of the University of Saskatchewan discussed the influence of soil factors on phytotoxicity and persistence of soil-active herbicides. The final presentation was by Dr.

David Jordan of North Carolina State University on the challenge of defining pesticide interactions using a case study from peanuts. The use of authentic and recent case studies will add value to this session. The CWSS-SCM membership was asked for a contribution of case studies in forensic weed science. Two case studies contributed to the session: Peter Burgess of Perennia and Graham Collier of NuFarm Agriculture. Andrew MacRae, session chair, wrapped up the plenary session.

Plenary Session - continued

Topic	Speaker	Affiliation
Herbicide performance - Why do herbicides cause crop injury?	Dr. Peter Sikkema	University of Guelph Ridgetown Campus

Peter Sikkema is a Professor in the Department of Plant Agriculture of the University of Guelph, Ridgetown Campus. He conducts research on weed management in corn, soybean, cereals and edible beans. Peter teaches Crop Diagnostics and Recommendations and Herbicide Physiology and Biochemistry. Prior to his employment at the University of Guelph, Peter worked for Rhone Poulenc Canada from 1986-1988 as Product Development Manager for Canada and for Union Carbide Agricultural Products Company from 1983-1986 as a Product Development Representative. Peter received his B.Sc. (Agr) in 1981 and M.Sc. (Weed Physiology) in 1983 from the University of Guelph. In 2002, Peter received his PhD from the University of Western Ontario in Plant Sciences. Dur-

ing his career, Peter has published more than 250 peer-reviewed manuscripts and was an author/co-author of more than 250 oral/

poster presentations at scientific conferences. Peter has supervised 23 graduate students who have completed their studies. Peter has served on the boards of the Canadian Weed Science Society, the North Central Weed Science Society and the Weed Science Society of America. Peter and his wife, Angela, have three grown children. Peter and his wife reside in



Topic	Speaker	Affiliation
When is the application method at fault?	Dr. Tom Wolf	AgriMetrix



Tom Wolf grew up on a grain farm in southern Manitoba and has spent his whole life farming or working for farmers. He obtained his BSA (1987) and M.Sc. (1991, Plant Science) at the University of Manitoba, and his Ph.D. (1996, Agronomy) at the Ohio State University, where he specialized in spray application technology. He is a professional agronomist, a member of the American Society of Agricultural and Biological Engineers and a member and past president of the Canadian Weed Science Society. Tom's expertise is spray drift, pesticide efficacy, and sprayer tank cleanout, and he has published and spoken extensively on these topics on Sprayers101.com as well as on national and international stages.

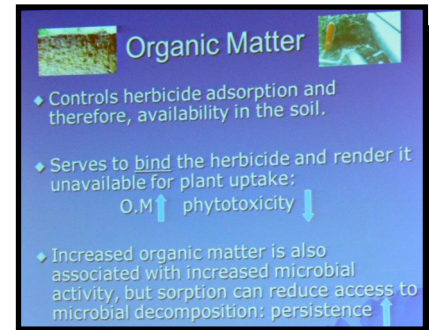
Plenary Session - continued

Topic	Speaker	Affiliation
Influence of Soil Factors on Phytotoxicity and Persistence of Soil-Active Herbicides	Dr. Jeff Schoenau	University of Saskatchewan



Dr. Jeff Schoenau is a professor of soil fertility and professional agrologist who works in the Department of Soil Science at the University of Saskatchewan. He holds the Saskatchewan Ministry of Agriculture Soil Nutrient Management Chair in

the College of Agriculture and Bioresources, and is a fellow of the Agricultural Institute of Canada. He was born in Saskatchewan, raised on the family farm near Central Butte, and completed his undergraduate and graduate degrees in the College of Agriculture at the University of Saskatchewan. He continues to be involved in farming with his wife Lynne.



Topic	Speaker	Affiliation
The Challenge of Defining Pesticide Interactions: A Case Study from Peanuts	Dr. David Jordan	North Carolina State University



David directs statewide educational programs related to peanut production, integrated pest management, and weed management and coordinates projects and activities with the North Carolina Peanut Growers Association. He also conducts applied research in a range of subject matter areas related to peanut-based cropping systems. David also contributes to research efforts in the Department of Crop Science associated with weed management in agronomic crops. David has been involved in various leadership and service capacities with the American Peanut Research and Education Society, American

Society of Agronomy, Conservation Tillage Systems Conference, Crop Protection Association of North Carolina, International Weed Science Society, North Carolina Pesticide Minor Use and Registration Committee, North Carolina Pesticide Advisory Committee, Rice Technical Working Group, Southern Weed Science Society, Virginia-Carolina Peanut Advisory Committee, Weed Science Society of America, and Weed Science Society of North Carolina.



Plenary Session - continued



The case studies were presented between the two sets of presentations by the plenary speakers. Peter Burgess (above left) of Perennia, Jeanette Gaultier, Graham Collier (below left) of NuFarm Agriculture and Andrew MacRae of Dow AgroSciences presented their case studies. Following the presentations, Andrew MacRae (below) talked about one more case study and wrapped up the Plenary Session.



The Registration Desk

Gavin Graham and Peter Burgess manage the registration desk. Gavin had managed to find many local treats for the registration desk. The local apples were popular: tasters also were able to give feedback on these apples.



2016 CWSS-SCM Fellow Award Winner— Eric Johnson

Eric Johnson has enjoyed a long, diverse career in weed science and agronomy working in extension, research, and academia. Currently, he is a Research Assistant with the Weed Science Program at the University of Saskatchewan. Prior to that, Eric worked as a Weed Biologist and Officer-In-Charge with Agriculture and Agri-Food Canada at Scott, SK. He began his career as an extension worker with Saskatchewan Agriculture and Food.

Eric was born and raised on a grain farmer near Eston, SK. He attended the University of Saskatchewan and graduated with a BSA in 1982. Upon graduation, he was employed as an Intern with Saskatchewan Agriculture and Food working at four different locations. His first permanent posting came in 1984 as an Agriculture Representative at Unity, SK. In working with farmer boards and individuals, he identified that weed control was one of their most pressing needs; thus, his interests began to migrate to that field. In 1989, he moved to North Battleford, SK as a Regional Soils and Crops Agrologist. His extension work focused on weed management and he made significant contributions to extension materials used by Saskatchewan Soil Conservation Association programs that encouraged producer adoption of zero-tillage.

In 1996, Eric was seconded to work with Agriculture and Agri-Food Canada at Scott, SK. His research work initially focused on dormant fall and early spring seeding of canola. In 1998, his role was expanded to initiate work on cultural and mechanical weed control in organic cropping systems. Eric was one of the first scientists in western Canada to conduct studies on mechanical weed control. During this time, he realized that research was something he wanted to do for the rest of his career, so he returned to the University of Saskatchewan and received his M.Sc. in Weed Science in 2001. In 2001, Eric became a full-time Biologist with Agriculture and Agri-Food Canada. It was during his tenure with Agriculture and Agri-Food Canada that his contributions to weed science



Jeff Bertholet (left), President of CWSS-SCM, presents the Fellow Award to Eric Johnson

and agronomy became significant. While he initiated numerous research projects on his own, his strength was as a collaborator. He enjoyed many successful collaborations with numerous scientists across Canada. From those collaborations, Eric has authored or co-authored 89 peer-reviewed manuscripts and has contributed to 4 book chapters.

Eric has written 58 special reports and contributed to 265 workshop or conference proceedings. He is a sought after speaker for technology transfer events and media interviews. Eric has spoken at 240 tech transfer events and has responded to 125 media interviews. Eric was also Site Manager for the Minor Use of Pesticide Program at the Scott Research Farm and this work led to 125 registrations for minor crops. His field research work was instrumental in getting carfentrazone and sulfentrazone registered in western Canada.

Eric has also made significant contributions to teaching. He is a frequent guest lecturer at the University of Saskatchewan and has been a member on 13 graduate student committees. He has also supervised 17 undergraduate thesis. In 2016, he also experienced the joy and challenge of teaching an undergraduate class.

2016 CWSS-SCM Award Winners continued



Jeff Bertholet (left), President of CWSS-SCM, Eric Johnson, and Chris Willenborg, Awards Chair (right)

He has been very active in CWSS-SCM. In the 14 years that CWSS-SCM has existed, Eric has been on the Board of Directors for 10 years. He has served as Publications Director, 2nd Vice-President, 1st Vice-President, President and is currently Past-President. Eric received the CWSS-SCM Excellence in Weed Science Award in 2010.

Eric and his wife Trish reside in Battleford, SK. Trish is a Lands Agrologist with Provincial Crown Lands. They have two sons: their eldest Stephen lives in Rochester, Minnesota and Michael lives in Edmonton, AB.



Trish and Eric Johnson

2016 CWSS-SCM Meritorious Service Award Winner — Rory Degenhardt



Jeff Bertholet (left), President of CWSS-SCM, presents the Meritorious Service Award to Rory Degenhardt

Rory Degenhardt is a research scientist with Dow AgroSciences. His primary responsibilities are as Biology Team Leader for Canadian Cereal Herbicides, and as principal biologist for discovery herbicides, Arylex and nitrogen stabilizers. Rory grew up on a mixed grain and cattle farm in east-central Alberta, which instilled him with a love of agriculture and a passion to develop technologies that improve the productivity, sustainability and profitability of Canadian farmers. Rory completed both a BSc in Biological Sciences (2002) and a MSc in Plant Science (2004) at the University of Alberta. He went on to complete a PhD in Plant Molecular Biology at the University of Saskatchewan (2008). He joined Dow AgroSciences in 2008 as a field scientist based out of Saskatoon. Rory first became a member of the CWSS as a graduate student in 2002, and has been an active member almost every year since. He recently had the privilege to serve the society as the local arrangements chair for the Canadian Weed Science Society's 2015 Annual Meeting. Rory lives in Edmonton with his wife and two sons.

2016 CWSS-SCM Excellence in Weed Extension Award Winner — Peter Sikkema

Peter grew up on a dairy and hog farm in south central Ontario. Peter attended the University of Guelph where he received a B.Sc. (Agr) in 1981 and a M.Sc. (Weed Physiology) in 1983. Upon graduation with his M.Sc. degree, Peter accepted a position as Field Development Representative for Eastern Canada with Union Carbide. In 1986, Peter was promoted to the position of Product Development Manager for Canada with Rhone Poulenc. Peter accepted the position as Lecturer III at Ridgetown College in 1988 and taught courses in fruit and vegetable production and conducted cultural management studies in fruit and vegetables. In 1997, Peter joined the University of Guelph as a College Professor with responsibility for weed management in field and horticultural crops. During this time Peter enrolled as a part-time student at the University of Western Ontario where he completed his Ph.D. in Environmental Sciences in 2003. Peter joined the Department of Plant Agriculture of the University of Guelph in 2003 as an Assistant Professor. In 2007, Peter was promoted to Associate Professor and in 2009 he became a full Professor in the Department. Peter is responsible for weed management in field crops and teaches “Applied Weed Science”, “Crop Diagnostics and Recommendations” and “Herbicide Activity”. During his career Peter has published 206 peer-reviewed manuscripts and was an author/co-author of 94 oral and 102 poster presentations at scientific conferences. Peter has supervised 16 graduate students. Peter has served on the boards of the CWSS, NCWSS and WSSA. Peter was President of the CWSS in 2011. Peter has received the following awards: in 2006, the “Excellence in Weed Science” award from the Canadian Weed Science Society; in 2007, the



Peter Sikkema (left) receives award from Chris Willenborg (right), who presented on behalf of Valent Canada

“Teaching Award of Merit” certificate from the North American Colleges and Teachers of Agriculture; in 2008, the “Fellow” award from the Canadian Society of Agronomy; in 2009, the “T. R. Hilliard Distinguished Agricultural Extension” award from the Ontario Agricultural College Alumni Foundation; in 2010, the Distinguished Achievement Award - Research@ from the North Central Weed Science Society; in 2012, the “Fellow” award from the Canadian Weed Science Society and the “Fellow” award from the North Central Weed Science Society, and in 2014, the “Fellow” award from the Weed Science Society of America.

2016 CWSS-SCM Outstanding Industry Member Award Winner — Al McFadden

Al McFadden was raised on a cash crop/mixed farm in Kent County, Southwestern Ontario where he learned the true value of weed control using tillage, rotary hoes, row cultivators, hand hoes, pulling, digging and occasionally, herbicides. In many crops such as soybeans, there were few good herbicide options available at that time. As an undergraduate at the University of Guelph, he had summer jobs working in research at Agriculture Canada Research Stations in Chatham and London and with a chemical company. This experience developed his interest in agricultural research which led to the completion of a Master degree and a job in industry. In his forty year career in research with Rohm and Haas Canada and Dow AgroSciences Canada, he had the opportunity to work in all ten provinces on a wide variety of projects developing products on field crops, fruits, vegetables, turf, ornamentals and in forestry. In Al's own words, "Over this time, I had the privilege to work with many outstanding people in industry, universities and government." And, "It was most rewarding to help growers solve issues with crop production."



Chris Willenborg (right) presents award to Al McFadden

2016 CWSS-SCM Excellence in Weed Science Award Winner — Robert Gulden

Dr. Robert Gulden received a BSc degree in Agriculture in 1992, an MSc in plant-microbe interactions in 1996, and a PhD in weed science in 2003. He has worked as a research associate at the University of Manitoba (1996-1997), and as a post-doctoral fellow at the University of Guelph (2004-2007). In 2007, he was appointed Assistant Professor of Weed Science in the Department of Plant Science, University of Manitoba and was promoted to Associate Professor in 2012. His research program focusses on weed biology and management, as well as more general cropping systems agronomy. He has developed and instructed several academic courses related to weed science, agronomy and agroecology for diploma, undergraduate and graduate students. He is the recipient of several awards including the 2014 North American Colleges & Teachers of Agriculture Teaching Award. He has provided considerable service to CWSS, and has served on several committees of both CWSS and WSSA.



Andrew MacRae (right) presents award to Rob Gulden

2016 CWSS-SCM Graduate Student Award Winners



Award for Ph.D. Student Provided by Monsanto

Award for Ph.D. student presented by Chris Willenborg (left) on behalf of Monsanto — Charles Geddes (right), University of Manitoba



Award for M.Sc. student provided by Monsanto

— presented by Chris Willenborg (left) on behalf of Monsanto — Moria Petruic, University of Saskatchewan



Award for M.Sc. student provided by Syngenta

— Felix Marsan-Pelletier, Université Laval, presented by Neil Hobson, Syngenta



Award for M.Sc. student provided by Dow AgroSciences Inc.

— Taïga Cholette, University of Guelph presented by Jamshid Ashigh, Dow AgroSciences Inc.



Award for M.Sc. student provided by CWSS-SCM

— Meghan Grguric, University of Guelph, presented by Chris Willenborg



Award for M.Sc. student provided by CWSS-SCM

— Mike Schryver, University of Guelph presented by Chris Willenborg



2016 CWSS-SCM —Poster Awards



Jeff Bertholet (left) of BASF Canada presents the poster awards for the meeting:

3rd—Mackenzie Lesperance et al. Chemical and physical management of wild parsnip: A community, extension, research partnership

2nd— Julia Leeson et al. Residual Weed Population Shifts in Manitoba 1978-2016

1st—Martin Laforest et al. Acetyl-CoA carboxylase overexpression in herbicide resistant crabgrass (*Digitaria sanguinalis*) Malherbologie Mol culaire | Weed Science, Agriculture et Agroalimentaire Canada



Allan Kaastra (right) of Bayer CropScience present the best student presentation awards for the meeting:

3rd—Mike Schryver

2nd— Jordan Eyamie

1st— Charles Geddes

Graduate Student Presentations



Taiga Cholette – Nicosulfuron as a suppressant in a living mulch of annual Ryegrass (*Lolium multiflorum* Lam.) in corn (*Zea mays* L.).



Mike Schryver – Distribution and Control of Glyphosate-resistant Waterhemp (*Amaranthus tuberculatus* var. *rudis*) in Soybean (*Glycine max*) in Ontario

Muhammad Hammad Farooq—Evaluation of Summer broadcast and Spot Herbicide Applications for Goldenrod Management in Wild Blueberry



Linshan Zhang – Evaluation of foramsulfuron for postemergence perennial grass management in wild blueberry (*Vaccinium angustifolium* Ait.)



F lix Marsan-Pelletier—Volunteer Survey of herbicide resistance in common ragweed and wild oat in Quebec



Moria Petruic –Flax (*Linum usitatissimum*) tolerance to PPO, HPPD, and VLCFA inhibitors

Jordan E. Eyamie –Halosulfuron Interactions with Other Tomato (*Lycopersicon esculentum*) Herbicides



Matthew Underwood – Two-Pass Weed Management Strategies in Conventional and No-till Dicamba Resistant Soybean (*Glycine max* (L.) Merr.)



Rakesh K. Menapati –Evaluation of Fall Herbicide Applications for Red Sorrel (*Rumex acetosella* L.) Management in Wild Blueberry (*Vaccinium angustifolium* Ait.)



Tessa de Boer –The cost and control of linuron resistant pigweed in carrots

Graduate Student Presentations



Meghan Grguric —
Management of Giant
Hogweed with Selec-
tive Herbicides



Charles Geddes
— Influencing
seed fate in the
soil seedbank:
volunteer canola

Jessica Pratchler —
Optimal Seeding Rates
for Various Seed Size
Classes of Faba bean
(*Vicia faba*)



Oleksandr Alba
— The Effect of
Mechanical
Weed Control
(Rotary Hoeing,
Harrowing and
Inter-row Cultiva-
tion) and Crop
Seeding Rate on
Yield and Weed
Suppression in Organically
Grown Pea and Lentil



Mathew Vercaigne —
Foxtail barley (*Hordeum
jubatum*) control requires
residual herbicides

Continuing Education Sessions - Wild Blueberry Production



One of the presenters in the Wild Blue Production session, Peter Burgess of Perennia, provided information on “Wild blueberry production and the history of weed management .“

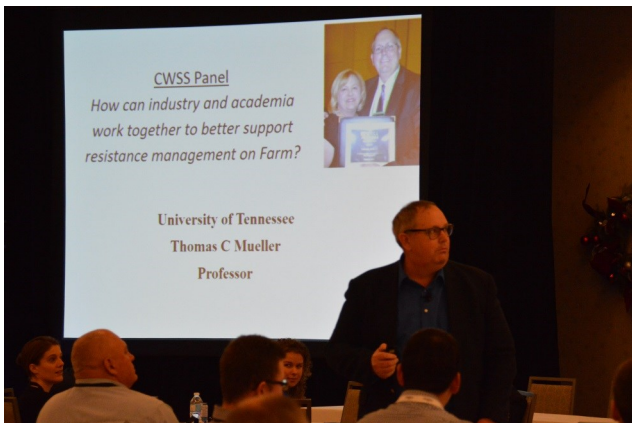
CropLife Resistance Management Panel



A session was set up with a CropLife Resistance Management Panel. The topic was “How can industry and academia work together to better support resistance management on farm?”

What we want to learn:

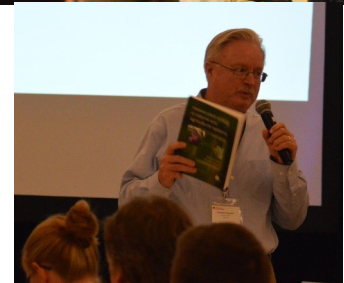
- Bridging the gap between science and delivery to farmers
- How can academia/industry better communicate resistance management information too farmers?



Teaching Weed Science

The workshop for Teaching Weed Science was conducted by five researches/professors in Weed Science:

Peter Sikkema on Case Studies in the Classroom, Eric Johnson and Steve Shirtliffe on Engaging Students in Research and Discovery in the Information Age, Chris Willenborg on Aspirations of Achievement - Do Demographic Factors Determine Who Succeeds in Your Classroom? and Clarence Swanton on Plant Community Assembly.



Graduate Students Meet with the CWSS-SCM Board of Directors



Eric Johnson, Past-President, meets with students



Jeff Bertholet, President, and Breanne Tidemann, Grad Student Rep, meet with students with Michael Downs, Regulatory Representative, in background



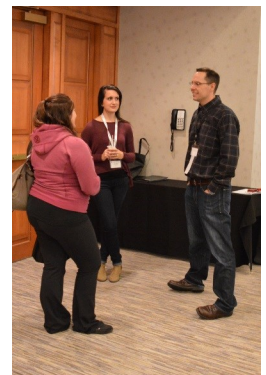
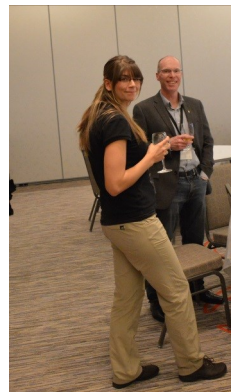
Linda Hall, 1st Vice-President, meets with students and Scott White, incoming Research Representative



Breanne Tidemann, Grad Student Rep, meets with students



Steve Shirtliffe, Member at Large (west), meets with students



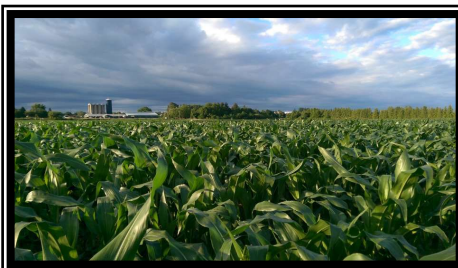
Michael Downs (left photo), PMRA, Regulatory Representative, and Chris Willenborg (right photo), Research Representative, meet with students

2016 Photo Winners

Agriculture and Forestry



3rd Rise and Spray-A great start to any summer day by Taiga Cholette



2nd Corntop view of Ridgetown Campus by Taiga Cholette



1st On the Edge by Meghan Grguric

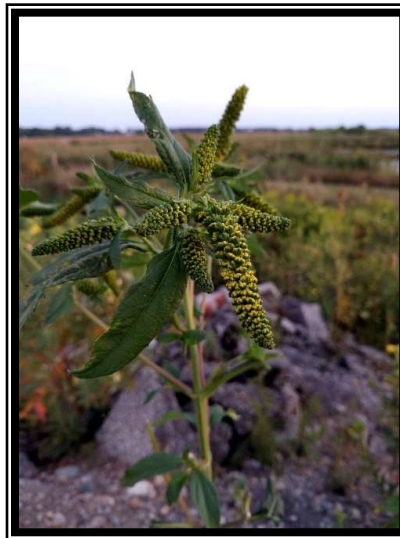
Weeds



3rd Vetch by James Ferrier



2nd Ready for Take-Off by Breanne Tidemann



1st Giant Ragweed in flower by Elizabeth Buck

Research in Action



3rd Reflections before a dawn spray by Elizabeth Buck



2nd Early morning tomato spraying by Taiga Cholette



1st If I have to, I guess by Meghan Grguric

2016 Photo Winners



Kathy Ward, DuPont Canada Inc. (left) present awards to Photo Winners



People's Choice: On the Edge by Meghan Grguric

Post-Conference Event – Grower Session on Application Technology

Tom Wolf held a practical, grower directed training session to educate regional growers on application technology through a one day training session. This session included classroom sessions, interactive demonstrations of application techniques using a spray table and a take-home binder of relevant materials on application technology. Over 50 local growers and others attended the workshop, which was simultaneously translated into French as well.



Thanks to the 2016 Moncton LAC

Position	Name	Affiliation
First Vice President (LAC Oversight)	Linda Hall	University of Alberta
Local Arrangements Chair	Gavin Graham	NBDAAF
Plenary Session	Andrew MacRae	Dow AgroSciences
Graduate Student Presentations	Scott White	Dalhousie Agriculture Campus
Photo Contest	Stephen Crozier	PMRA
Poster Session	Breanne Tidemann	University of Alberta
Continuing Education Workshop	Peter Burgess	Perennia
Sponsorship - Local	Kevin McCully	NBDAAF
AV	Michel Melanson	NBDAAF
Media Coverage & Local Publicity	Rick Hoeg	NSDA
LAC Photography	Angela Hughes	NSDA
Local Arrangements Advisor	Jerry Ivany	Retired
Post-Conference Tour	Charles Comeau	NBDAAF
Registration	Anita Drabek	CWSS-SCM
Program Committee Chair	Linda Hall	University of Alberta
Scholarships and Awards Banquet	Chris Willenborg	University of Saskatchewan
CWSS Executive Liaison and Treasurer	Frances Boddy	DuPont
Sponsorship - National	Greg Wilson	BlackCreek Research
Sponsorship - National	Joe McNulty	IPCO

Thanks

Thanks to Gavin Graham for chairing the 2016 LAC



presented by Jeff Bertholet.

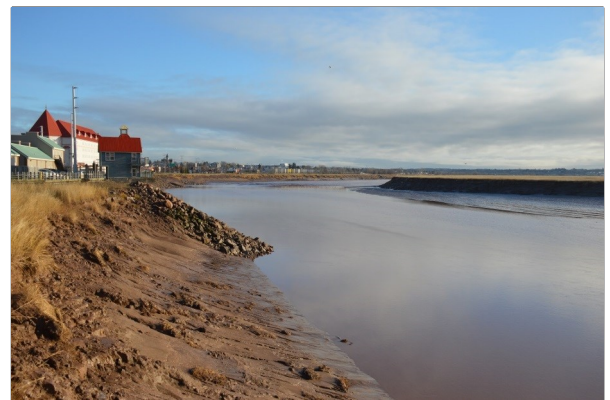
Thanks to Angela Hughes and Gavin Graham for all his photos in this issue.

In the News

2017 Award Winners Named by Weed Science Society of America

Outstanding Research Award: Joe DiTomaso, Ph.D., University of California, Davis

Outstanding Early Career Weed Scientist: Amit Jhala, Ph.D., University of Nebraska-Lincoln, Ph.D. (Plant Science / Weed Science), University of Alberta, Canada, 2009



Moncton Incoming Tidal Bore

2016 General Photos



2016 Field Trip Photos



2017 CWSS-SCM Board of Directors



Linda Hall received the gavel as the President of CWSS-SCM for 2017 from Jeff Bertholet. In the photo, Linda (left) presents Jeff (right) with a plaque for his term as President of CWSS-SCM for 2016.

The Board also thanks Eric Johnson (Past-President), Chris Wilenborg (Research Representative), Don Hare (Secretary), Joe McNulty (Croplife Canada Rep (West)), and Rene Van Acker (2nd Vice-President) for their work on the Board of Directors. At the same time we welcome the following to Board:

1st Vice-President Eric R. Page
 2nd Vice-President Rory Degenhardt
 Croplife Canada Representative (West).... Colleen Redlick
 Research Representative.....Scott White
 Secretary Kristina Polziehn

We thank the 2016 LAC Chair, Gavin Graham. Gavin and his team organized a very interesting and diverse meeting in Moncton. We welcome the 2017 Local Arrangements Chair Bryce Geisel.

Our Canadian Weed Science Society 2017 Annual Meeting Radisson Hotel, Saskatoon (November 20 to 24)



“Experience downtown Saskatoon’s river-view hotel

Situated in the centre of downtown, Radisson Hotel Saskatoon offers a stunning view of the city’s skyline and the vast Saskatchewan River. With a location so central, you can discover the nearby business district, restaurants, museums and shops on foot. Our hotel also lies just steps away from the riverfront Meewasin Trail, popular with local joggers and strollers.” (Photo and quote from <https://www.radisson.com/saskatoon-hotel-sk-s7k6x6/sksaskat>)

Thank you to our 2016 Meeting sponsors

Thank you to our Platinum sponsors:



Thank you to our Gold sponsors:

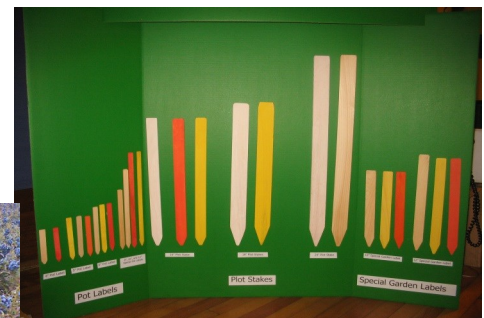


Thank you to our Silver membership:

Agricultural Institute of Canada (AIC)	DuPont Canada Inc.
Arysta LifeScience Corporation	Gowan
Valent	AgQuest
CropLife Canada	Gylling Data Management

Thanks also go to our local sponsors:

Agricultural Alliance of NB
Bleuets NB Blueberries
Potatoes NB
Growing Forward 2



Vann Winn Woodcraft Inc.

2017 Awards and Scholarships

Remember to start thinking of nominations and applications for the Annual Meeting in 2017.

- Graduate Student Scholarships
- CWSS-SCM Outstanding Industry Member Award
- Dow AgroSciences Canada Inc. Excellence in Weed Science Award
- CWSS-SCM Fellow Award
- CWSS/SCM Presidential Meritorious Service Award
- Excellence in Weed Extension Award
- CWSS-SCM Outstanding Professional Staff Award

CWSS-SCM OUTSTANDING PROFESSIONAL STAFF AWARD

BACKGROUND: This award recognizes outstanding and sustained contributions of professional staff that support weed science activities.

OBJECTIVE: To recognize the contributions of CWSS-SCM Professional Staff members that support weed science activities and contribute to the success of CWSS-SCM.

ELIGIBILITY: Nominees will be restricted to professional staff that work under the direction of university, provincial, federal, or industry scientists. These individuals may have titles such as researcher, research associate, research assistant, technician, support scientist, or specialist. The nominee must have been involved in weed science research, extension, or resident education for at least 10 years at the time of nomination.

SPONSOR: Canadian Science Publishing

NOMINATION: May be submitted by any member of CWSS-SCM. The nomination will stand for 3 years. The nominator is encouraged to update material to support the nomination in Years 2 and 3. The nominator will complete the nomination document and contact individuals to provide supporting letters.

The nomination package should be less than 2 pages in length and must include:

Name of nominee, complete mailing address, and telephone number.

Provide name, title, complete address, telephone number of nominator.

A brief biography of the nominee, including:

Education

Work experience: Years of service is an important criteria for the selection committee.

A concise summary of how the nominee has contributed to the success of a program. Specific examples that illustrate the consistency, creativity, leadership, resourcefulness, and commitment to their position and program is desirable.

Participation and contributions to the CWSS-SCM, if any. Membership in CWSS-SCM is an asset, but not required. Supplemental information on scientific output (refereed journal articles, book chapters, research reports, extension material, patents, etc.) is not required, but may be included.

Letters of support: Obtain one supporting letter for the nominee. Preferably these letters should not exceed one page in length. A supporting letter from a different discipline, i.e.: faculty member or co-worker, individual not employed at same location, industry representative, university, government, or regulatory individual is preferred, but not required.

AIC 2017—Activities

From Serge Buy (AIC) dated 28/02/2017:

For nearly a century, the [Agricultural Institute of Canada](#) (AIC) has been the voice for agricultural research and innovation in Canada. [Our mandate](#) is to:

- Influence public policy,
- Disseminate information,
- Facilitate networking,
- Promote careers in agricultural research and innovation,
- Be the key partner in Canada for international activity.

You will find, here attached and in support of the issues raised in this email, some fact sheets related to each initiative and more information on AIC.

This letter is to ask that you consider participating in three of our following initiatives:

AIC Conference – Agricultural Innovation in a Changing Environment

2017 Conference: Agricultural Innovation in a Changing Environment

Our 2017 conference, to be held in Winnipeg from April 24-26, is meant to facilitate discussion on key issues affecting and influencing the agricultural sector:

- How can innovation minimize agriculture's contribution to climate change?
- What support is available to advance Canada's agricultural clean technologies?
- How can we ensure the adoption of environmentally sustainable innovations?

The intent is to bring experts and decision makers together from the agricultural sector (public, NGOs, academia) to discuss these issues, formulate recommendations and offer tools for planning.

Our conferences lead to tangible results – including [Canada's first-ever Agricultural Research Policy \(2015\)](#) and the [Best Practices for Dissemination of Agricultural Research \(2016\)](#).

We know that, with your presence, the 2017 Conference will also lead to an outcome that will produce real results for our sector, and others, to action.

[Click here to register and learn more](#) – [and click here to see the preliminary agenda](#).

[Click here to review our partnership opportunities](#).

Lobby Day in Ottawa

On November 28, 2017, we will be hosting an "Agricultural Research and Innovation Lobby Day" in Ottawa.

We believe, based on the wide-ranging support received for our agricultural research policy, that there are common interests affecting agricultural research

that can be advanced with a united front. This is why we're organizing a "Lobby Day" in Ottawa and inviting all organizations with a stake in agricultural research and innovation to be present and support our initiative.

The day will start with a breakfast presentation for key staffers and journalists. There will be meetings with parliamentarians throughout the day and we will end with a reception on Parliament Hill designed to inform and advance our interests.

We hope that you will consider supporting and/or attending this event.

Membership

A number of organizations have joined AIC because they believe that agricultural research and innovation needs a national voice to advance issues that are common to all sectors.

AIC's only focus is agricultural research and innovation. It is the only issue for which we advocate. This is why the message is always clear and consistent.

After releasing our [agricultural research policy in 2015](#), various media covered the story and raised it with political parties. The result? All three major political parties had parts of their platforms dealing with agricultural research. That was a tangible win. We have many more.

Our Ottawa-based team includes two registered lobbyists, one senior communications resource and policy analysts. Their only focus is agricultural research and innovation.

Our members believe that this is an effective way to lobby for agricultural research and that the benefits from this unified voice benefit all stakeholders involved in agricultural research and innovation.

This is why we need you to [add your organization's name to our list of members](#). A strong and growing membership will enable us to continue to be an effective voice for agricultural research and innovation.

[Click here to learn more and join AIC](#).

We hope to hear from you soon

More information on each initiative is available in the fact sheets attached to this email.

Should you wish to discuss this with me, please do not hesitate to get in touch with me directly by email at sbuy@aic.ca or by phone at 613-232-9459.

Thank you,

Serge

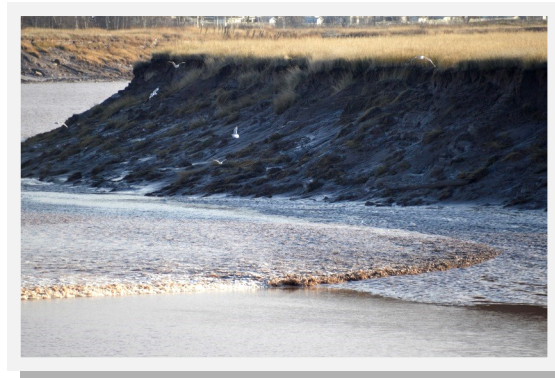
Serge A. Buy
Chief Executive Officer, Agricultural Institute of Canada
Président directeur général, Institut agricole du Canada

Alberta Invasive Species Council



Check out the latest for the Alberta

Invasive Species Council at <https://abinvasives.ca/>. The AISC Annual Conference and AGM is being held Thursday, March 23, 2017.



Moncton Tidal Bore



BULLETIN OF THE ENTOMOLOGICAL SOCIETY OF CANADA BULLETIN DE LA SOCIÉTÉ D'ENTOMOLOGIE DU CANADA

As part of an initiative for information exchange with the Entomological society of Canada, we let our readers know the contents of their bulletin. The last two bulletins are found on these two pages. They, in turn, also publish information about CWSS-SCM.

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ESC-ESM 2017 Joint Annual Meeting: Small is Beautiful in Winnipeg, MB, 22-25 October 2017

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Upcoming Meetings

May 14-18, 2017	2nd Global Herbicide Resistance Challenge Meeting in Denver, Colorado
July 16-19, 2017	Aquatic Plant Management Society (APMS), Daytona Beach, FL
September 19-22, 2017	26th Asian Pacific Weed Science Society Conference "Weed Science for People, Agriculture, and Nature" , Kyoto, Japan
November 20-24, 2017	CWSS-SCM Annual Meeting will be held at the Radisson in Saskatoon, SK
December 4 - 7, 2017	North Central Weed Science Society (NCWSS), St. Louis, MO: Hyatt Regency St. Louis at the Arch
TBA 2018	Northeastern Weed Science Society (NEWSS)
January 21-24, 2018	Southern Weed Science Society (SWSS), Hyatt Regency Hotel in Atlanta, GA
January 25 to February 3 2018	Weed Science Society of America Annual Meeting, Arlington, VA at the Crystal Gateway Marriott
November 2018	CWSS-SCM Annual Meeting in southern Ontario

CWSS-SCM Facebook and Twitter

Remember to regularly check out our CWSS-SCM social media tools for the membership. We hope these tools will help our membership connect and help distribute information on weed science throughout the year. The hyperlinks are listed below and the links are also posted on our main website, www.weedscience.ca. Please follow, like and tweet about these tools! [CWSS-SCM Facebook Page](#), (Login to Facebook required) and [CWSS-SCM Twitter](#). We post timely information on meeting updates, job postings and other information on these sites.

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Articles for Newsletter

Articles, photos, letters and news items for the newsletters can be emailed to assistant@cwss-scm.ca at any time.

2017 CWSS-SCM Board of Directors

President	Linda Hall	Research Representative	Scott White
Past President.....	Jeff Bertholet	CropLife Canada Representative (West).....	Colleen Redlick
1st Vice-President	Eric Page	CropLife Canada Representative (East).....	Greg Wilson
2nd Vice-President.....	Rory Degenhardt	Provincial Extension Representative.....	Chris Neeser
Treasurer.....	Frances Boddy	Member-At-Large (East).....	Meghan Moran
Secretary.....	Kristina Polziehn	Member-At-Large (West).....	Steve Shirliffe
Regulatory Representative.....	Michael Downs	Graduate Student Representative.....	Breanne Tidemann
Regulatory Representative.....	Wendy Asbil	Local Arrangements (2017).....	Bryce Geisel
Publications Director	Rob Nurse	Executive Assistant to the Board.....	Anita Drabyk