



Canadian Weed Science Society

Soci t  canadienne de malherbologie

Newsletter

June 2010

Come to the CWSS-SCM 2010 Annual Meeting



Photo by Rick Holm

Mark Nov. 15-18, 2010 on your calendars, for the next CWSS-SCM Annual Meeting at the Delta Regina. Our co-chairs for this event are Clark Brenzil and Rick Holm.

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See pages 2, 3, and 4 of this newsletter for more details.

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Our appreciation to the following companies for their support

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The 2010 CWSS-SCM Annual Meeting Programme

CWSS-SCM 2010 – Program Highlights

Tuesday, November 16, 08:15 am to noon—Plenary Session: *New Crops and Crops with Second-Generation Traits: Weed Management Challenges*

Tuesday, November 16, 13:00 to 18:00- Graduate Student Research Project Presentations—
The latest in weed science research from universities across Canada.

Wednesday, November 17—08:00 to 12:00 Concurrent Sessions

- **Weediness and Agronomy of New Crops.** (8:00 to 10:00)
 - Dr. Randy Kutcher, AAFC, Melfort, SK
 - Dr. Rene Van Acker, University of Guelph, ON
 - Dr. Emily Heaton, Iowa State University, IA
 - Mr. Bill May, AAFC, Indian Head, SK
- **Weed Identification and Herbicide Mode of Action.**
 - Hands-on Workshop, includes invasive plants (8:00 to 12:00)
 - Linda Matthews, BSA, U of Saskatchewan, SK
 - Julia Leeson, MSc., AAFC, Saskatoon, SK
 - Lyle Cowell, MSc, Viterra, Tisdale, SK
 - Dr. Darren Robinson, U of Guelph, ON
 - Wendy Asbil, BSc (Agr), MSc. CFIA, Ottawa, ON
 - Dr. Bruce Murray, Monsanto, Winnipeg, MB
 - Dr. Linda Hall, U of Alberta, Edmonton, AB
- **Getting the Most Out of Agriculture Research Manager Software.**
 - 8:00 to 12:00
 - Dr. Steven Gylling, Gylling Data Management, Brookings, South Dakota
- **Weed Biology / Ecology, Noxious / Invasive Weeds.** 10:30 to 12:00
 - Contributed papers and discussion
 - Dr. Mahesh Upadhyaya, U of British Columbia, BC
- **Weed Control in Cereals, Oilseeds & Pulses** (14:30 to 17:00)
 - Contributed papers and discussion
 - Dr. Neil Harker, AAFC, Lacombe, AB

- **Weed Control in Horticulture & Special Crops (14:30 to 17:00)**

- Contributed papers and discussion
Dr. Rob Nurse, AAFC, Harrow, ON

Thursday, November 18.

- **Weed Control in Corn, Soybean and Edible Beans (10:00 to 12:00)**

- Contributed papers and discussion
Dr. Peter Sikkema, U of Guelph, Ridgetown, ON

- **Provincial Weed Reports and Regulatory Issues (10:00 to 12:00)**

- Contributed papers and discussion
Mr. Dave Ralph, BC Ministry of Agriculture & Lands, Kamloops, BC

Regina, Saskatchewan

We will be staying at the Delta Regina, which is located in the heart of downtown, directly across the street from Casino Regina. In addition to all its meeting facilities, the hotel has many amenities: a pool, a splash pool, a water slide and a whirlpool and a fitness centre. Check out the facilities at <http://www.deltahotels.com/en/hotels/saskatchewan/delta-regina/>. You can also shop at the Cornwall Centre, which is also across the street from the hotel.

More information on the booking procedures for the hotel will be posted on the website and you will be notified by email.

Just south of the downtown and located in Wascana Park is the largest provincial capital building in Canada, which was constructed from 1908-12. <http://www.legassembly.sk.ca/>

In Regina, places to visit include the RCMP Heritage Centre, the Saskatchewan Science Centre and the Royal Saskatchewan Museum. Of course, Regina is home of the Saskatchewan Roughriders, whose fans are ever loyal.

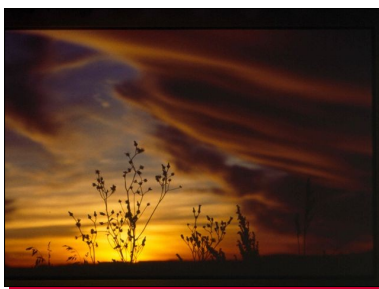
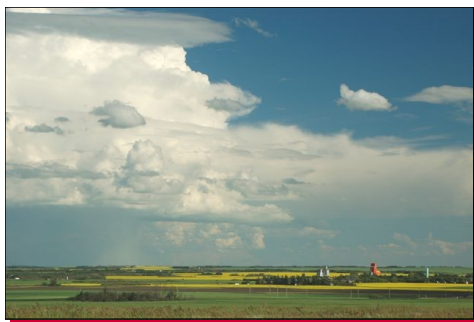
On the week following our CWSS-SCM meeting, Regina holds its annual Canadian Western Agribition from November 20 to 27 at Evraz Place, which attracts many visitors to the city.

If your families are coming to the annual meeting with you, they might want to spend some time in the nearby city of Moose Jaw. They can visit the Temple Garden Mineral Spa, Western Development Museum (History of Transportation), the home of the Snowbirds (Canadian Military Aerobatics Team) and The Tunnels of Moose Jaw (the legendary tunnels below the streets of Moose Jaw).

The 2010 CWSS-SCM Annual Meeting Plenary Session Programme

New Crops and Crops with Second-Generation Traits: Weed Management Challenges (Tuesday, November 16)

Time	Topic	Speaker
08:00	Welcome, Announcements, Local Arrangements	Clark Brenzil / Rick Holm (LAC) and Sue Boyetchko, President, CWSS-SCM
08:15	Introduction to “New Crops/Crops with Second-Generation Traits: Weed Management Challenges”	Dr. Hugh Beckie – AAFC, Saskatoon, SK
08:30	Industry Perspective: New Crops	Jack Grushcow – Linnaeus Plant Sciences Inc., Vancouver, BC
09:00	Industry Perspective: Crops with Second-Generation Traits	Dr. Michael Horak – Monsanto, St. Louis, MO
09:30	Regulatory Perspective	Krista Thomas – CFIA, Plant Biosafety Office, Ottawa, ON
10:00	Refreshment Break	
10:30	Research Perspective: A Promising Way Forward in Determining Weediness / Invasiveness	Dr. Jean Burns – University of California, Davis, CA
11:00	Developing Agronomic Packages for New Crops and 2nd Generation Crops with Novel Traits: Constraints and Opportunities	Eric Johnson, MSc – AAFC, Scott, SK
11:30	A Role for Post-Release Monitoring?	Hugh Beckie – AAFC, Saskatoon, SK
11:45	Summary and Concluding Remarks	Dr. Linda Hall – University of Alberta, Edmonton, AB



Photos of Saskatchewan by Rick Holm. Photo on the left is of Wakaw, Saskatchewan.

2010 CWSS-SCM Scholarships and Awards

Start preparing your nominations for awards or filling out applications for scholarships and travel awards for 2010. Our 2010 Scholarships and Awards are

- o Monsanto Canada Scholarships in Weed Science
- o Dow Agrosiences Travel Awards
- o Syngenta Travel Awards
- o Dow Agrosiences Canada Inc. Excellence in Weed Science Award
- o CWSS-SCM Outstanding Industry Member Award
- o CWSS-SCM Fellow
- o CWSS-SCM Meritorious Service
- o Bayer Cropscience Best Student Presentation Award
- o BASF Canada Best Poster Presentation Awards
- o Dupont Canada Best Photo Awards
- o Viterra Excellence in Weed Extension Award

Copies of completed application and letters of reference should be sent to the Chair, CWSS-SCM Scholarships and Awards Committee. For more details check out the Scholarships and Awards tab on our website (<http://www.weedscience.ca/scholarships>).

Applications must be received by October 8.

Call for Volunteers/Nominations

The Nominations and Elections Committee, made up of the immediate Past-President and the Member-at-Large from each of eastern and western Canada, calls for volunteers/nominations for the following positions:

- 2nd Vice President
- Treasurer
- MAL (West)
- LAC 2012

The term of the CropLife Canada Representative (West) and Regulatory Representative (CFIA) are also completed at the end of this year; however, these positions are designated by CropLife Canada and by the Canadian Food Inspection Agency, respectively. The Nominations and Elections Committee also calls for volunteers/nominations for the Awards Committee. Membership is for three (3) years with the two (2) longest serving members being replaced each year.

Elected members of the Board of Directors shall be elected by mail or electronic ballot of all regular members of the CWSS/SCM at least 30 days prior to the annual meeting.

Forward your name or your nominations to Tom Wolf, Rob Gulden or Allan Kaastra.

Field Days



WPANS (Wild blueberry Producers Association of Nova Scotia) field day

Date: July 24.

Location: Debert, NS

Station: TBA

Details: Check their web site is <http://www.nswildblueberries.com/>.



Bleuets NB Blueberries (BNBB) and the Province of N.B. Dept. of Agriculture and Aquaculture (DAA) - Integrated Pest Management Clinic / Clinique de lutte intégrée contre les parasites

Bleuets NB Blueberries (BNBB) and the Province of N.B. Dept. of Agriculture and Aquaculture (DAA) will conduct a clinic Friday, July 16, 2010 starting at 10 am /BNBB et la MAA offriront une clinique le vendredi 16 juillet 2010, à compter de 10 h.

Place/Où: Senator Hervé J. Michaud Research Farm / Ferme expérimentale Sénateur Hervé J. Michaud; 1045 St. Joseph Blvd / 1045, boul. St-Joseph; St. Joseph de Kent / Saint-Joseph-de-Kent, Bouctouche, N.B.

Details / Détails: B.B.Q. lunch available on site / Il y aura un barbecue sur place à l'heure du dîner. TRANSLATION SERVICES WILL BE PROVIDED / SERVICES D'INTERPRÉTATION. For more information see

http://www.nbwildblue.ca/docs/BNBB_Clinic_and_Field_Day_Notice_2010_EN-FR.pdf

(The annual Field Day will take place Saturday, July 17 2010 starting at 10 am
La journée champêtre annuelle aura lieu le samedi 17 juillet, à compter de 10 h.

Place/Où: The blueberry fields of Brett Reidpath / Les bleuétières de Brett Reidpath
Marquant Road, Petite-Aldouane, (near Richibucto) / Chemin Marquant, Petite-Aldouane (près de Richibucto) New Brunswick / Nouveau-Brunswick)



Journée Phytoprotection

Le jeudi 22 juillet 2010

Station agronomique de l'Université Laval

557, route 138

Saint-Augustin-de-Desmaures, Québec

(Préinscription avant le 9 juillet 2010)

http://www.craaq.qc.ca/Documents/Evenement/842/file/Depliant_TOUPHY10_v1.pdf



Ontario Weed Tours

The Ontario weed tour dates are

Tuesday July 13 – Woodstock: 9:00 am – 12:00 pm;

Exeter: 2:00 pm – 5:00 pm

Wednesday July 14 – Harrow: 9:00 am – 12:00 pm;

Ridgetown: 2:00 pm – 5:00 pm

Thursday July 15 – Elora: 9:00 am – 12:00 pm

If anyone has questions they can contact Robert Nurse at Robert.Nurse@agr.gc.ca or 519-738-1288.



Eastern Ontario Diagnostic Day

Date: July 20, 2010

Location: University of Guelph - Kemptville Campus,
Winchester Research Farm, Winchester, Ontario

Organization: University of Guelph/OMAFRA

Details: <http://www.omafra.gov.on.ca/english/crops/conferences/20100721.htm>

Southwest Crop Diagnostic Days

Date: July 7-8, 2010

Location: University of Guelph - Ridgetown Campus, Ridgetown, Ontario

Organization: University of Guelph/OMAFRA

Details: Check the website: <http://www.diagnosticdays.ca>



The University of Manitoba Carman Field Tour

Date: Wednesday, July 21, 2010 (morning)

Location: Carman Research Station, on Highway 245, 1.8 km west of the lights in Carman

Station: Ian N. Morrison Research Farm, Carman, Manitoba

Details: Tour 9:30 a.m. to noon. Registration at 9:00 a.m.

The University of Manitoba, Ian N. Morrison Research Farm Organic Field Day

Date: Wednesday, July 21, 2010 (afternoon)

Location: Carman Research Station, on Highway 245, 1.8 km west of the lights in Carman

Station: Ian N. Morrison Research Farm, Carman, Manitoba

Details: Tour begins at 1:30 p.m. but more details will be available.

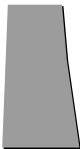
Diagnostic School, organized by Manitoba Agriculture, Food and Rural Initiatives and The University of Manitoba

Date: Daily Sessions on July 6 - 9 & July 12 - 16, 2010 (sessions are repeated each day)

Location: Carman Research Station, on Highway 245, 1.8 km west of the lights in Carman

Station: Ian N. Morrison Research Farm

Details: Cost to attend is \$160/person. Group discounts for pre-registrations of 50+ participants. A total of 6 CCA credits are available. For more information or to register please call (204) 745-5663. Check out <http://www.gov.mb.ca/agriculture/crops/cdschool/>



2010 Scott Field Day and 100th Anniversary

Date: Friday, July 16, 2010

Location: Scott, SK

Station: AAFC Scott Research Farm Hwy 374

Details: The Scott Research Farm Centennial Program includes opening ceremony and exhibits and tours of the research farm's historic past: (poster and slide presentation), conservation tillage story, evolution of weed control, achievements in cultivar development and facilitating cropping diversity and environmental stewardship (from <http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1275692141265&lang=eng> for English or

Field Days –continued



<http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1275692141265&lang=fra> for French). Contact Terri at 306-247-2011 for more information.

Indian Head Crop Management Field Day

Date: July 20 , 2010

Location: Indian Head

Details: For more information contact: For call IHARF at (306) 695-7009 or visit

www.iharf.ca. Check out more details in their brochure:

<http://www.iharf.ca/2010/2010%20brochure%20-%20low%20res.pdf>

Other Field Days for Saskatchewan Agri-ARM (Agriculture-Applied Research Management)



July 13 — Conservation Learning Centre, Prince Albert, contact Tom Boyle at 953-2362

July 15 — Wheatland Conservation Area, Swift Current, contact Shannon Chant at 778-8291

July 22 — East-Central Research, Foundation Field Tour, Canora, contact Zane Lewchuk at 786-1508 or Todd Jorgenson at 786-5859

July 21 — Melfort Field Day, Melfort, contact Kim Stonehouse at 878-8807 or Al Foster at 878-8890

TBA — South-East Research Foundation Field Day, Redvers

Lacombe Field Day

Date: Thursday, July 22, 2010

Location: Lacombe, AB

Station: Lacombe Research Centre (The Alberta Agriculture Crop Research Station is located 1 km south of Lacombe on Highway 2A on Range Road 270

Details: The Agriculture and Agri-Food Canada Lacombe Research Centre is hosting its annual field day, \$20 registration. Register by July 15. To register contact Loree Verquin at AAFC (loree.verquin@agr.gc.ca). Phone: 403-782-8100. Check this website for more information: [http://www1.agric.gov.ab.ca/\\$department/deptdocs.nsf/all/fcd12711](http://www1.agric.gov.ab.ca/$department/deptdocs.nsf/all/fcd12711)

Upcoming Tour Dates from the Alberta Pulse Growers

For more specific information such as topics and contacts, check out <http://www.pulse.ab.ca/Events/tabid/158/Default.aspx>

Here is a quick summary:

July 6, 7 or 8 (Pick one day) — SARA Diagnostic Field School - Lethbridge

July 14 & 15 — Integrated Crop Management Field School – Olds College

July 21 — Battle River Research Group - Stettler tour at 9:30 am
with the Castor tour at 1:30 pm

July 27 and 28 — Seed & Soil Expo – Didsbury

July 27 — Smoky Applied Research and Demonstration Association –
MD of Greenview Tour

July 28 — North Peace Applied Research Association Annual Field Tour - Manning

CWSS-SCM Abstracts for 2008 and 2009

The abstracts for the 2008 and 2009 meetings are now available on the website. The links to these documents can be found on the home page of our website or at <http://www.weedscience.ca/social/pg/file/assistant/read/1690/cwssscm-2009-annual-meeting-charlottetown-abstracts> and <http://www.weedscience.ca/social/pg/file/assistant/read/1689/cwssscm-2008-annual-meeting-banff-abstracts>.

WSSA Undergraduate Research Award – 2011

The Weed Science Society of America (WSSA) has developed an Undergraduate Student Research Grant designed to encourage and involve exceptional undergraduates in agricultural research. Interested faculty members are encouraged to identify potential award candidates and discuss the possibility of sponsoring a research project. Awards may be used as a stipend, for research budget expenses (travel, supplies, etc.), to defer fees, to defray living expenses for summer research, or any combination of these items.

AWARD:

Up to \$1000 for support of undergraduate research to be conducted over a minimum of one quarter/semester during 2011. This award may be used to defray the cost of research supplies or as a stipend. Support of a faculty sponsor is required. Awards will be made to the student, to be administered by the faculty sponsor's department.

APPLICANT:

The applicant is an undergraduate student with a strong interest

in Weed Science. Students majoring in all related disciplines may apply.

TO APPLY:

Applicants should prepare a 2-3 page research proposal including name, address, phone number, E-mail address, title, objective, experimental approach, discussion, budget and references. The discussion section of the proposal should describe the expected results and their possible significance to Weed Science. The student should provide a cover letter in which general academic and career goals are discussed. A copy of the student's academic transcripts must also be provided.

FACULTY SPONSOR:

Any faculty member who is actively engaged in Weed Science research is qualified to be a sponsor. The faculty sponsor should review the research proposal with special attention to the budget; the distribution of funds should be approved by both the student and sponsor. In addition, the sponsor should provide a letter of reference in-

cluding a statement of his/her willingness to supervise the proposed research and to provide needed space, equipment and supplies above those requested in the proposal. The sponsor is encouraged to assist the student in presenting his/her results at a regional Weed Science Meeting.

HOW TO APPLY:

The completed proposal, academic transcripts, cover letter and faculty letter of support should be forwarded to:

Dr. John Jachetta,
Dow AgroSciences,
9330 Zionsville Road,
Indianapolis, IN 46268-1054;
Phone: (317) 337-4686,
Fax (317) 337-4649,
E-mail: jjjachetta@dow.com.

Proposals should be received no later than November 13, 2010. Funding decisions will be made by January 21, 2011 and presented at the 2011 WSSA National Meeting Awards Ceremony.

The Devil's Plant: a Hebridean Legend



Waternish is said to be the last stronghold of wolves on the island of Skye. One of these wolves was a friend of the Devil. Now, as is well known, although Satan had affinities with many animals and insects, in the beginning he only owned only one plant, the nettle. When the Devil and his angels were cast out of Heaven, where they fell to earth nettles sprang up and have followed his footsteps ever since. This matter of nettles greatly rankled the Devil who longed to own a better plant. One day he took courage and went to see St. Columba, who was in Trotternish at that time, and besought him to intercede with God to give him a better plant. St. Columba, who loved all created things felt pity even for Satan, so he went to his cell and told God of the Devil's petition. God told St. Columba that because he had pitied the Devil he could, if he wished, give him one useful plant. "Better give him barley," said the Lord, "it's the one we can best spare." St. Columba returned to the Devil, who was humbly waiting outside, and told him of God's promise that barley should belong to him. Satan thanked the saint and went off sing-

ing with joy (one wonders what he would have been singing). St. Columba, not quite sure he had acted wisely, confessed what he had done to his soul-friend, St. Cormac, who rebuked him for serving the Devil in even so small a matter, but apparently left it at that. Meanwhile the Devil went off across the hill and soon reached Waternish, still singing. Here he met his old ally the wolf. The wolf had just successfully accomplished a little bit of business on the Devil's behalf and had come to report. The Devil, feeling happy, praised the wolf for his skill and cunning and the wolf, encouraged by this unusual affability, ventured to inquire what pleased him so. "God has given me a plant," cried the Devil triumphantly. "What plant?" asked the wolf. The Devil stopped short as he was about to respond. "You have put it right out of my head with your silly chatter," he said angrily. The wolf, rather alarmed, looked round hastily for some plant to suggest. "Was it heather?" he inquired.

"Oh, no, nothing so common."

"Was it rushes?"

"No indeed. You know they are holy."

"It must have been thistle then," growled the wolf, being no botanist and seeing nothing else growing near that he could suggest.

"Yes. Yes. Perhaps it was. I suppose it must have been thistle." said the Devil doubtfully, "but I did feel it was better than that. Still, it's a plant," and he went on his way though no longer quite so enthusiastically. Ever since then, the Devil has busied himself spreading his thistles over the earth. But what God has done, neither man nor wolf nor Devil can undo, so barley remains the Devil's and there are those who hold that, in one of its forms, it still serves him well.



Adapted from: Swire, O. F. 1964. *The Inner Hebrides and their legends*. Collins, London. 224 pp. (photos from top to bottom are Canada thistle, field thistle, and bull thistle, photos by Stephen Darbyshire).

- Submitted by Stephen Darbyshire

From the News and Media

Bayer CropScience has been selected as one of Canada's Top Employers for Young People.
(<http://www.bayercropscience.ca/our-company/news/bayer-cropscience-has-been-selected-as-one-of-canadas-top-employers-for-young-people/>)

Dow Agrosciences has just registered ClearView™, which is a herbicide that controls weeds and invasive plants in non-crop areas.
(http://www.dowagro.com/PublishedLiterature/dh_0496/0901b80380496e2c.pdf?filepath=ca/pdfs/noreg/010-21249.pdf&fromPage=GetDoc)

Four new weeds (scentless chamomile, cleavers, white cockle, and night-flowering catchfly) have been added to the DuPont™ Express® PRO herbicide label.
(http://www2.dupont.com/Crop_Protection/en_CA/news-events/article20100330.html)

CWSS-SCM 2009 Photo Contest Winners



General Agriculture and Forestry 2nd Place
by Rick Holm



Weeds in Action 2nd Place by Robert Nurse



Weeds 2nd Place by Peter Smith

Our next newsletter will feature our people's choice photos.

Upcoming Meetings

- July 12-15, 2010 15th European Weed Research Society Symposium, Kaposvar, Hungary
- November 15-18, 2010 CWSS-SCM Annual Meeting—Delta Regina, Saskatchewan
- December 14 & 15, 2010 Manitoba Agronomists Conference 2010, Winnipeg, Manitoba
- February 07-10, 2011 Weed Science Society of America Annual Meeting, Portland, Oregon
- June 7 and 8, 2011 "Climate Change and the Implications for Plant Protection" - Rozanski Hall, University of Guelph, jointly sponsored by the University of Guelph and CropLife Canada
- Summer of 2011 Plant Canada meeting in Halifax, check <http://www.plantcanada.ca> for updates
- November 2011 CWSS-SCM Annual Meeting—Ontario

New Book on Glyphosate Resistance in Crops and Weeds

A new book titled "Glyphosate Resistance in Crops and Weeds: History, Development, and Management" is expected to be available in mid-August. This book is being published by John Wiley and Sons, Inc. This book is organized into sixteen chapters written by various experts and is edited by Vijay K. Nandula and it describes the past and current understanding of the topic of glyphosate resistance. More information can be found at <http://www.wiley.com/WileyCDA/WileyTitle/productCd-0470410310.html>.

Articles for Newsletter

Articles, photos, letters and news items for the newsletters can be emailed to assistant@cwss-scm.ca at any time. Our next newsletter will highlight the details of the next CWSS-SCM annual meeting in Regina.

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