

THE SOILED PROFILE



NEWSLETTER DEPARTMENT OF SOIL SCIENCE UNIVERSITY OF MANITOBA “bringing you the latest dirt”



UNIVERSITY
OF MANITOBA

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Past issues of the Soiled Profile are now on our
webpage: [umanitoba.ca/afs/soil science/](http://umanitoba.ca/afs/soil%20science/)

24 June 2016

Upcoming:

Friday, June 24, 10:30 a.m., Room 130 Agriculture Building – Dr. Ismail Cakmak, Professor, Biological Sciences and Bioengineering from Sabanci University, Istanbul, Turkey will present “Fertilizing Food Crops to Improve Human Nutrition And Health”. Refreshments will be served at 10:00 a.m.

Friday, June 24 – Winnipeg Blue Bomber Game at Investors’ Group Field. **Parking restrictions will be in effect for W lot starting at 6:00 p.m.**

Monday, June 27, 1:30 p.m., Room 346 Ellis Building – M.Sc. thesis defence, Gustavo Bardella. “Phosphorus Management Practices for Soybean Production in Manitoba”.

Friday, July 1 – Canada Day national holiday. **University closed.**

Thursday, July 14 – Winnipeg Blue Bomber Game at Investors’ Group Field. **Parking restrictions will be in effect for W lot starting at 6:00 p.m.**

Department Staff Away:

Lynda Closson	July 18-Aug 5
Terri Ramm	July 6, Aug 8-10
Rob Ellis	June 20-23, July 25-27

Jennifer Henderson’s last date for the summer will be Thursday, June 30, 2016. She will be working 6 days during the summer to cover office staff vacation time as follows:

July 20 – Wednesday	July 22 – Friday	July 25 – Monday	July 29 – Friday
Aug 2 – Tuesday	Aug 5 - Friday		

Jennifer will return Wednesday, September 14.

Important note: While Lynda is on holidays this summer, Terri will be doing payroll. **Time sheets will need to be in to her on Thursdays by 2 p.m. for the time period of July 18 to Aug 5.**

News:

Shed Cleanup

Message from Commander Don. “Thanks everyone who helped out with the annual shed cleanup ... it’s a big, dirty job, but it’s absolutely necessary in order to maintain the functionality of our research programs. The turnout from academic and support staff, grad students and summer students was fantastic and everyone pitched in wherever they could.

The next challenge ... let’s keep the shed as clean as possible. We’re heading into the most busy time of the year ... with lots soil and plant samples coming in. So, please clean up after yourselves and make sure that you put “stuff” away in its proper place and process samples as quickly as possible. Thanks again.”

Thanks also, to Don for organizing the various teams and overseeing the cleanup. Thanks to Lynda for ordering the pizza and drinks and keeping everyone well-fed. Two keys for a successful shed cleanup are good organization and free food!

Shoal Lake First Nation and CREATE H2O

The CREATE program, including Annemieke Farenhorst, Wendy Ross, and summer students Anita Murdock, Shaylee Ducharme and Brendan Bachand visited Iskatewizaagegan 39 Independent First Nation (also know as Shoal Lake 39), which is home to CREATE H2O student Ed Mandamin. They learned about spiritual ceremonies, danced to songs and drums, and helped bless the water. Here are some photos:



Media coverage of an article on antibiotic resistant genes in drinking water from a First Nation Community
Professors Ayush Kumar (Microbiology), Ehsan Khafipour (Animal Science) and **Annemieke Farenhorst** (Soil Science) formed a team to examine the presence of antibiotic resistant genes in drinking water samples from a First Nation Community in Canada. Their recently accepted article in Applied and Environmental Microbiology received a wide range of media attention. The abstract of the study can be found here: <http://aem.asm.org/content/early/2016/05/23/AEM.00798-16.abstract>. Ayush and Annemieke also published a Winnipeg Free Press Op-Ed about the study: <https://shar.es/1JZhBx>.

Paper of the week:

Otfinowski, R., N. Kenkel, and **M. Tenuta**. 2016. Reduced vigour of a clonal invader: Lack of evidence for soilborne pathogen. *Applied Soil Ecology* 98: 75-82.

Opportunities:

Research Scientist, Forage Agronomy, Agriculture and Agri-Food Canada, Kentville, NS

Close collaboration occurs with the Faculty of Agriculture of Dalhousie University (Truro), and it is expected that the incumbent will be officially co-located at the university while using the Nappan Research Farm site. Closing date for applications is **June 30th, 2016**. Here is the link to the advertisement:

<https://emploisfp-psjobs.cfp-psc.gc.ca/psrs-srfp/applicant/page1800?poster=926167>

Potato Diggers, Soil Ecology Lab, Department of Soil Science, University of Manitoba

The Soil Ecology lab will need help for 2-3 weeks with potato digs for yield in field experiments at end of August. We are **looking for 4-6 high school students** interested in working at that time. The work involves lifting and carrying. Please let Mario know if you know of interested students.

Events:

Tenth Canadian Pulse Research Workshop, Oct 25 – 28, 2016, Winnipeg

The Canadian Pulse Research Workshop is the biennial meeting of pulse researchers in Canada. Building on the success of the previous meetings, the 10th Canadian Pulse Research Workshop in Winnipeg, Manitoba will bring together pulse researchers from different disciplines to present their latest results within the areas of:

- Agronomy and Pathology
- Environment
- Genetics and Plant Breeding
- Nutrition and Food.

More information and to register:

<https://www.regonline.com/builder/site/Default.aspx?EventID=1842774>.