

# Growth Matters !

## COMPOST in Action

**Come and be outstanding in our fields of compost research & plant growth!**

Join us for a great day of research updates and in-field learning with colleagues at Agriculture & Agri-Food Canada's Potato Research Centre, Fredericton, NB. We are very pleased that colleagues from McCain Foods will also be contributing to the discussions.

Our day will include classroom learning, visits to the research fields and plots as well as lots of opportunity for discussion. There'll be an informal tone to our event – please dress for the field visits as well as the weather.

Date: **Wednesday September 2, 2015**  
Time: 10am – 3pm  
Location: AAFC Potato Research Centre  
850 Lincoln Road  
Fredericton NB E3B 4Z7  
COST: **Everyone Welcome**  
- No Charge for Members of The Compost Council of Canada  
- \$30 for Other Guests of our Great Day

### The Plan for the Day:

1. Discussions on various projects using compost in potato production systems
2. Lunch – generously sponsored by **ENVI REM ORGANICS**
3. Field Plot Visits

*Please dress for the field as well as the weather, rain or shine.*

Please **REGISTER IN ADVANCE**, sending back by fax (416 536 9892) or email (info@compost.org):

NAME: \_\_\_\_\_  
AFFILIATION: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
CITY: \_\_\_\_\_ PROV: \_\_\_\_\_ POSTAL CODE: \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_ FAX: \_\_\_\_\_  
EMAIL: \_\_\_\_\_

#### REGISTRATION FEES

- Members of the CCC : NO CHARGE. Thank you for your support!       Guests : \$30 each (includes GST)

GST Registration # R136167533

#### METHOD OF PAYMENT

PLEASE PRINT CLEARLY:

- Please charge \$\_\_\_\_\_ to my VISA or MasterCard  
Account Number: \_\_\_\_\_ Expiry Date: \_\_\_\_\_  
Card Holder's Name (please print): \_\_\_\_\_  
Card Holder's Signature: \_\_\_\_\_

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Wednesday September 2, 2015 • AAFC Potato Research Centre • Fredericton NB**

## ***About AAFC's Potato Research Centre***

The Potato Research Centre (PRC) is one of Agriculture and Agri-Food Canada's network of 19 research centres. The Centre is located in Fredericton, New Brunswick, on the south bank of the St. John River. Potato research is the Centre's main focus as the province of New Brunswick is a recognized world leader in potato production.

The forces driving the agriculture sector have become more complex and are changing even more quickly in recent years. Market demands, social preferences, global trade, energy costs, water availability, environmental health, and changes in risks associated with crop production (e.g., new pests) due to climatic variation place pressure on the industry for innovative solutions to challenges.

The PRC is custodian of the Canadian Potato Genetic Resources. It is not only comprised of the main centre in Fredericton but also the Benton Ridge sub-station which supports germplasm enhancement activities.

The main focus of research conducted at the centre is in three areas:

- Potato germplasm enhancement
- Crop protection
- Enhancing the environmental performance of potato production systems

## ***Areas of Research***

The Centre's areas of core research are aligned with national priorities to help the sector adapt and remain competitive in domestic and global markets. Greater participation in research networks and industry-led partnerships expands the Centre's innovation capacity.

## ***Agri-based Science Solutions for the Environment***

- Investigating the nutrient and mineral properties of crops and soils
- Conducting research, in the laboratory, field scale, and watershed scale, on the production of greenhouse gases, soil quality and erosion, and water quality
- Assessing chemical and non-chemical methods for controlling insect pests
- Finding new methods to reduce the use of agri-chemicals (pesticides and fertilizers) to lower production costs and environmental risks

## ***Leading Edge Research for Better Products***

- Developing new varieties of potatoes with superior traits for Canada's potato industry using traditional and leading edge technologies
- Developing new methodologies for early detection of viruses in seed potatoes
- Accelerating advanced scientific ways to improve or modify potato plants to protect them from diseases and pests, and preserve their nutritional properties during processing
- Gene mapping of traits and cloning of potato plants with important characteristics needed for processing, disease and pest resistance
- Using gene analysis technologies to identify potato varieties