

AIAEE Professional Development Tour Agenda Saskatoon, SK

Wednesday, May 19, 2010

Almost half of all cultivated farmland in Canada is found in the province of Saskatchewan. Agriculture has been and continues to be a major industry in this province. Because of the diversity of the agriculture industry, a series of tours has been arranged for the conference participants. Each tour will involve a short drive out of the city. The buses will leave the Radisson Hotel shortly before lunch and will arrive back at the hotel at 6:00. Due to livestock biosecurity concerns, we will not be touring any livestock operations. Following is information specific to each tour.

Tour #1

* VIDO / InterVac (<http://www.vido.org/intervac/index.php>)

This internationally recognized human and livestock vaccine research and development facility on the U of S campus is the largest Containment Level 3 facility in Western Canada and enhances a life-sciences research cluster that is unique in North America.

* Canadian Light Source (<http://www.lightsource.ca/>)

The CLS is the only synchrotron facility in Canada, is the largest scientific research project in Canada, and is housed at the U of S. A synchrotron is a source of brilliant light that scientists can use to gather information about the structural and chemical properties of materials at the molecular level. The CLS is a world-leading centre of excellence in synchrotron science.

* AgWest Biotech (<http://www.agwest.sk.ca/>)

* Genome Prairie (<http://www.genomeprairie.ca/>)

Approximately 30% of the national agricultural biotechnology industry is located in Saskatoon. Ag-West Biotech is at the forefront of Saskatchewan's bio-economy. They are a catalyst that provides companies with the support needed to further expand the biotech industry in Canada.

Genome Prairie is a not-for-profit organization that supports and manages large-scale genomics and proteomics research projects in the prairie-provinces. Genome Prairie facilitates enhanced, sustainable research capacity in plant, animal and human genomics, and bioinformatics; builds public awareness of genomics; and provides a forum to discuss ethical, economic, environmental, legal and social issues

* Agrium Clavet Distribution Terminal (www.agrium.com)

Agrium is a major retail supplier of agricultural products and services in North and South America. They produce and market nitrogen, phosphate and potash as well as controlled-release fertilizers and micronutrients. The Clavet distribution terminal, located near the Agrium potash mine mixes and distributes fertilizer to farmers.

Tour #2

*** Grains Innovation Laboratory / Hort Plot**

Opened in December of 2009, this facility at the Crop Development Centre's Crop Science Field Research facility is a gateway that connects field-based plant breeding research to high-end laboratory studies, resulting in new adapted varieties for the farmer, processor and end-user. En route to the next stop, we will drive through the horticulture plots to see fruit and vegetable research trials including sour cherry, saskatoon berry and haskap research.

*** Cargill Canola Crushing Plant (<http://www.cargill.ca/business/canola.htm>)**

Saskatchewan accounts for 45% of Canadian canola production. Saskatchewan is a hotbed for advanced biofuels development with the largest ethanol plants and biodiesel operations in the country. The Cargill canola processing plant in Clavet is the largest softseed plant in North America.

*** Innovation Place (<http://www.innovationplace.com/innovation-place.php>)**

Innovation Place is one of the most successful university-related research parks in North America. Housed at the north end of the University of Saskatchewan, this entity builds on the university's strengths in agriculture, information technology, and environmental and life sciences. Innovation Place is home to over 140 clients, employing more than 3,000 people in 19 buildings across the park.

Tour #3

*** Novozymes**

(<http://www.novozymes.com/en/MainStructure/AboutUs/Locations/Canada+-+Saskatoon/>)

(http://bioag.novozymes.com/html/products_solutions/canada/index.cfm)

When Philom Bios, a Saskatoon-based company was acquired by Novozymes, it became the cornerstone of Novozymes' primary agriculture strategy. Novozymes' resources are now combined with Philom Bios' 27 years of experience in developing, producing, and marketing innovative biofertility products (JumpStart®, TagTeam®, and N-Prove®) to farmers and ag-retailers in Canada and the United States.

*** Viterra Food Processing (<http://www.can-oat.com/company>) (Can-Oat)**

Can-Oat Milling, a division of Viterra Food Processing, is the largest industrial supplier of oat products in the world. The mill in Saskatoon specializes in manufacturing groats for further processing into flakes, flour, and bran.

*** Pineview Farms (<http://www.pineviewfarms.com/>)**

Kevin and Melanie Boldt, graduates of the College of Agriculture at the University of Saskatchewan established Pine View Farms as a diversification to their existing grain and cattle operations. They choose to farm because it provides a good quality of life for their young family and challenges all their skills in running a business. They believe in supporting agriculture closer to home which is a fundamental first step for achieving sustainability in our food system. They do this by involving partner producers who share similar core values. Pineview market products directly to consumers, restaurants (including their own) and stores (including their own)

* Crop Development Centre / Kernen Farm

(<http://agbio.usask.ca/index.php?page=crop-development-centre>)

(<http://agbio.usask.ca/index.php?page=research-facilities>)

The Kernen Farm is a major component of the Plant Sciences research program. Located within city limits, this farm houses the Breeder Seed Facility which is an integral part of the breeding program of the Crop Development Centre. Since its inception in 1971, nearly 300 commercial crop varieties of spring wheat, durum, canaryseed, barley, oat, flax, field pea, lentil, chickpea, fababean and dry bean have been released by the CDC.

Please Note:

1. AIAEE 2010 Conference **participants need to select one tour** from the above choices.
2. E-mail your tour selection number to Prof. Grant Wood (grant.wood@usask.ca) after you've registered for the conference (<http://www.aiaee.org/conferencereg.html>).
 - a. Prof. Wood will record the names for each tour group.
 - b. Each tour will be capped at 45 people.
 - c. AIAEE has budgeted for three buses to pick up people at the hotel (11:30 a.m.).
3. Participants will take a boxed lunch with them on the bus.
4. Arrangements are being made for tour guides on each bus.

There is so much agriculture to see in Saskatoon. We hope you find these tours interesting and educational.