



50th Annual B.C. Dairy EXPO

Seminar (10:00 a.m. - 12:30 p.m.)

followed by

Dairy Producers' Luncheon (12:30 p.m. - 1:30 p.m.)

Thursday, January 25, 2018

This Year's Themes

- Armyworm & Corn Rootworm Management
- Centrifuge Extraction of Manure Phosphorus
- Nutrient & Soil Management for Corn
- Hydrogen Sulphide Gas Exposure

Tradex, BMO Room
Pacific Agriculture Show
Abbotsford, B.C.

DAIRY EXPO FARM TOUR

WEDNESDAY, JANUARY 24, 2018
(Self-Guided Farm Tour Program)



A separate **Dairy EXPO Farm Tour Guide** is available that contains detailed maps to all host farms as well as a summary of key features and new technologies to view at each dairy.

Farm owners, building contractors, and equipment suppliers will be on hand at each farm location to answer your questions.

TOUR HOSTS	LOCATION	VISITING TIMES
Hoek Holsteins Ltd.	Agassiz	9:00 am – 4:00 pm *
Corners Pride Farms Ltd.	Chilliwack	10:00 am – 4:00 pm *
B & L Dairy Farm Ltd.	Abbotsford	9:00 am – 4:00 pm
WestGen – Boviteq West	Abbotsford	9:00 am – 4:00 pm
EcoDairy	Abbotsford	9:00 am – 4:00 pm
Eagle Acres Dairy	Langley	9:00 am – 4:00 pm *
Hesdon Holsteins	Delta	9:00 am – 4:00 pm

* Lunch provided at these locations (11:00 am – 1:30 pm)

BIOSECURITY REMINDER

Please protect our animal health, farm biosecurity, and industry markets by **OBEYING SIGNS** and **WEARING THE DISPOSABLE PLASTIC BOOTS** graciously provided at each farm.

FOR FURTHER INFORMATION

CONTACT

Trevor Hargreaves, Director of Producer Relations
BC Dairy Association
thargreaves@bcdairy.ca
800.242.6455 or 604.294.3775

DAIRY EXPO SEMINAR

THURSDAY A.M., JANUARY 25, 2018
(10:00 a.m. – 12:30 p.m., BMO Room, Tradex)

9:45 a.m.

Complimentary coffee

(at BMO Dairy Room for early arrivals)

10:00 a.m.

Welcome and Opening Remarks

Moderator: Lee Gogal, Director & Group Lead,
BC Agriculture, Scotiabank

10:05 a.m.

Armyworms and Corn Rootworms: Update on these two New Forage Pests in BC

Tracy Hueppelsheuser, BC Ministry of Agriculture

10:30 a.m.

"The New Normal?" – Growing Season 2018, What We Might Expect from the Armyworms

Dr. Jeremy McNeil, University of Western Ontario

11:10 a.m.

Protecting and Empowering Corn Roots – Nutrient and Soil Management Strategies

Greg Stewart, MAIZEX Seeds Inc.

11:50 a.m.

Assessment of Phosphorus Extraction from BC Dairy Manure Using a Centrifuge

Matt Dickson, Hallbar Consulting Inc.

12:10 p.m.

Hydrogen Sulphide Exposure During Liquid Manure Agitation

Tadhg O'Leary, AgSafe BC

12:30 p.m.

B.C. Dairy Producers' Luncheon

Located in the **Scotiabank Tent** (12:30 p.m. – 1:30 p.m.)

DAIRY EXPO SEMINAR FEATURED SPEAKERS

JEREMY MCNEIL, PHD, UNIVERSITY OF WESTERN ONTARIO, LONDON, ON

"The New Normal?" – Growing Season 2018, What We Might Expect from the Armyworm

Dr. McNeil received his B.Sc. from University of Western Ontario and PhD at North Carolina State University. He also served a long tenure as a professor at Laval University in Quebec. Dr. McNeil has an interdisciplinary and international research programme in chemical ecology working in a number of different areas including insect migration and insect-host plant interactions. He has published over 200 scientific papers and trained over 50 graduate students.

Dr. McNeil's talk will focus on the seasonal biology of armyworms, including their ability to tolerate cold and their migratory behaviour. He will also discuss the use of light traps and pheromone traps for basic biology work and pheromone traps for armyworm activity monitoring.



GREG STEWART, AGRONOMY LEAD, MAIZEX SEEDS INC., TILLBURY, ON

Protecting and Empowering Corn Roots – Nutrient and Soil Management Strategies

Greg was born and raised on a farm near Peterborough, Ontario. He attended University of Guelph and completed an M.Sc. on tillage and soil compaction. He worked eight years in research at the University on projects involving tillage, crop rotations, corn planter performance, and fertility management. Greg worked in the farm equipment industry, then as a Crop Specialist with the Ontario government participating extensively in corn research and demonstration projects across Ontario. In 2015, Greg joined MAIZEX Seeds Inc. as an Agronomy Lead.



Greg will present a wide range of nutrient and soil management strategies to improve corn performance, but in an environmentally and economically sustainable manner.

DAIRY EXPO SEMINAR FEATURED SPEAKERS

MATT DICKSON, HALLBAR CONSULTING INC., VANCOUVER, BC

Assessment of Phosphorus Extraction from BC Dairy Manure Using a Centrifuge

Matt is a sustainability professional with over 13 years of experience helping to drive renewable energy and nutrient management technology adoption in BC's agriculture sector. Currently, Matt works with the Research Institute of Sweden to bring world-leading expertise and knowledge to agricultural clients in BC and beyond.

Some BC dairy farmers are experiencing a gradual build-up of surplus phosphorus in their soils. This presentation will discuss how useful centrifuge technology could be in extracting phosphorus from dairy manure, and what this technology could mean for nutrient management planning for BC dairy farms.



TRACY HUEPPELSHEUSER, ENTOMOLOGIST, BC MINISTRY OF AGRICULTURE, ABBOTSFORD, BC

Armyworms and Corn Rootworms: Update on these two New Forage Pests in BC

Tracy is an entomologist with the BC Ministry of Agriculture, based in Abbotsford. Her work focuses on biology and pest management of established and invasive insect species that impact BC agriculture. This includes pest identification, outreach and extension activities, policy and regulation development, and some surveillance.

Tracy will provide an update on BC surveys for two new pests – armyworm and corn rootworms – and how to monitor, management strategies, and program plans for 2018.



TADHG O'LEARY, SAFETY ADVISOR, AGSAFE BC, LANGLEY, BC

Hydrogen Sulphide Exposure During Liquid Manure Agitation

Tadhg will present the findings from a joint two-year BC Dairy Association, AgSafe BC and WorkSafeBC research project that involved 50 BC dairy farms. The objective of the study was to clarify existent Hydrogen Sulphide (H₂S) gas exposure risks for producers and employees during liquid manure agitation.



DAIRY PRODUCERS' LUNCHEON SPONSOR



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For further information, visit:
www.agricultureshow.net

PROGRAM SPONSORS

The BC Ministry of Agriculture (BC AGRI) and the Dairy Industry Research and Education Committee (DIREC) gratefully acknowledge the financial support provided by the following sponsors.



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DAIRY PRODUCERS' LUNCHEON

This year's luncheon is graciously sponsored by **Scotiabank** and includes a nutritious, expanded menu.

Those who paid their \$20.00 registration fee and show proof of purchase will be permitted entry to the **Scotiabank Tent**, which is set up for the dairy producers' luncheon.

Scotiabank representatives will be available throughout the luncheon and at their trade show booth to answer producer enquiries all 3 days of the PAS.

SEMINAR SUPPORT

Strong financial support from the dairy industry service sector largely contributes to the ongoing success of the B.C. Dairy EXPO Seminar, celebrating its 50th year.

Significant human resource and financial support is also provided by staff from the B.C. Ministry of Agriculture (BC AGRI) and the B.C. Dairy Association (BCDA).

REGISTRATION

Registration: \$20.00 per person (includes GST)
At the Tradex Entrance (Jan 25)
9:00 a.m. – 10:00 a.m.

Registration includes:

- Entrance to the Pacific Agricultural Show (PAS)
- Entrance to the B.C. Dairy EXPO Seminar (1/2 day)
- Entrance to the B.C. Dairy Producers' Luncheon
- Copies of any Seminar Proceedings
- PASS to the PAS for all 3 days (Jan 25-27, 2018)
- FREE PARKING compliments of Kubota

Enquiries please contact DIREC Committee Member:

Tom Droppo at (604) 556.3144 or 604.302.1335
Tom.Droppo@gov.bc.ca

DATE, LOCATION AND TIME

Date: Thursday, January 25, 2018

Location: Tradex, Abbotsford

Registration: Tradex Entrance
(9:00 a.m. – 10:00 a.m.)

Seminar: BMO Dairy Room
(10:00 a.m. – 12:30 p.m.)

Luncheon: Scotiabank Tent
(12:30 p.m. – 1:30 p.m.)

Coffee provided at BMO Dairy Room
(9:45 a.m. – 10:15 a.m.)