



Showcasing the latest and most innovative equipment and technology for the agriculture industry



CannaTech West is presented in partnership with the Horticultural Growers' Short Course

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# Fourth Annual CannaTech West Cannabis Conference



This popular program, now in its fourth year, brings a high level of technical information and the latest scientific research with presenters from local industry experts, with scientists, specialists and advisors from across the country. The topics focus directly on crop production techniques such as pathogens causes and management, lighting, processing and environmental impacts.

Program details are on the following page. Of particular interest is the regenerative agricultural model as the next step in practices beyond sustainability. Hear about cannabis cultivation using environmentally conscious practices and systems that mimic the patterns of nature.

Plenty of networking opportunities exist during the one-day conference. Lunch is included with your registration and, of course, you can spend some time perusing the hundreds of agricultural vendor booths in the main halls of the Tradex Centre, or attending Horticulture Growers' Short Course sessions.

For 2022, the option exists to attend virtually or in person. All registrants receive a unique access code in order to stream sessions or to view them as recordings at a later date.

Friday, April 1, 2022

Aviator Room, Tradex, Abbotsford

Sponsored by





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West is  
presented in  
partnership  
with the  
Horticultural  
Growers'  
Short Course

## Registration

\*includes lunch

**\$135.00**

Until March 7

**\$160.00**

After March 7

## Notes

Proof of vaccination  
required for Tradex

Attend in person or  
by webinar, or a com-  
bination of both

Parking is free at  
Tradex, courtesy of  
show sponsors

 Sessions are  
eligible for  
LMHIA pesticide re-  
newal credits (1.0 in  
am and 1.0 in pm)

## CannaTech West Program

Friday, April 1, 2022

9:00-9:40

**Update on Root Rot Pathogens, Bud Rot Pathogens and Viruses Affecting Cannabis**  
**Zamir Punja, PhD, Professor of Plant Pathology & Biotechnology, Simon Fraser University, Burnaby, BC**

*Root rots caused by Fusarium and Pythium continue to be a problem on mother plants, cuttings, and flowering plants. Strategies to manage these pathogens will be discussed. Bud rot pathogens that were prevalent in 2021 were Botrytis and Fusarium, both of which affected some cannabis strains more than others. The development of these diseases will be reviewed. Finally, results from a survey of virus diseases in Canada will be presented with a discussion on what to look for and possible management strategies.*



9:45-10:10

**Approaches to Management of Botrytis Bud Rot on Cannabis**

**Liam Buirs, IPM Specialist, PureSun Farms**

*Botrytis bud rot is a major problem on cannabis worldwide. The effects of environmental conditions (temperature and relative humidity) on disease development will be reviewed. The differences in susceptibility among cannabis strains to bud rot will be discussed. The evaluation of biological control products for managing bud rot will be summarized.*



10:15-11:10

**Hop Latent Viroid Overview What is it? How it's Tested? What Do I do Once I Have It?**

**Brian Coutts, Strategy and Business Development Manager, A & L Laboratories Canada**

*A review of Hop Latent Viroid (HLV) and its impacts on commercial cannabis production, the symptoms of HLV, as well its diagnosis, testing, precaution, and mitigation.*

11:10-12:00 noon

**Cannabis Processing; Overview and Potential Environmental Impacts**

**Tom Ulanowski, VP Quality Assurance and Regulatory Affairs, NextLeaf Labs**

*The post-cultivation side of the cannabis industry, and a high-level review of the most common processing techniques utilized in the cannabis industry today, touching on environmental best-practices related to the handling of solvents, wastes, and other by-products. This presentation includes a brief update on the potential greenhouse gas emissions of indoor cannabis cultivation.*

1:00-2:00

**Managing Insect-Pests in Cannabis; Challenges and Opportunities**

**Jason Lemay, University of Guelph, Guelph, ON**

*Jason will discuss the current state of insect pest management in cannabis, with a focus on aphids, mites, and thrips. He will cover different strategies to prevent and manage insect pests in cannabis facilities, and will also discuss some of the factors that make managing these pests so challenging*



2:00-2:10

**Announcement**

**Kelly Sveinson, Director, Applied Research Centre, Langara College, Vancouver BC**

*An update regarding Langara College and their recent, and future work regarding cannabis research & development in British Columbia.*

2:10-3:10

**A Look at Regenerative Cannabis Production**

**Che Le Blanc, Owner, Rosebud Cannabis Farms**

*A discussion on cannabis cultivation using environmentally conscious practices and systems that mimic the patterns of nature. The regenerative agricultural model is the next step in practices beyond sustainability. The three largest benefits of this production model are lower production costs, increase in plant health and a higher quality final product. This presentation also takes a look at choosing the correct cultivar for your site and needs.*

3:10-4:00

**Lighting and Rootzone Management Strategies Can be Used to Improve Cannabis Yield and Potency**

**Youbin Zheng, Professor of Horticulture & Environment, University of Guelph**

*The most updated research results on how to use lighting and rootzone management strategies to increase cannabis yield and potency. Rootzone management strategies will include fertilization, irrigation, growing media and production system selections; and lighting strategies will include light intensity, spectrum, especially UV applications in cannabis*

**Don't miss out—Register today!!**  
**[www.agricultureshow.net/cannatech](http://www.agricultureshow.net/cannatech)**