










WEDNESDAY, OCTOBER 6, 2021

	Room 1	Room 2	Room 3
	PRODUCTION – WATER	DISEASE MANAGEMENT	LIGHTING & ABATEMENT STRATEGIES
	SPONSORED BY 	SPONSORED BY 	SPONSORED BY 
9:00 AM EST	<b>Nutrient Solution Treatment &amp; Disinfection</b> Paul Fisher, University of Florida, USA	<b>Portable DNA Sequencing Platform for Greenhouse Pathogen Monitoring: a tool against the ToBRFV</b> Remi Maglione, Harvest Genomics, Guelph, ON	<b>Dynamic &amp; Sustainable Lighting Strategies</b> Xiuming Hao, Agriculture & Agri-Food Canada, Harrow Research & Development Centre, ON
9:30 AM EST	<b>Protected Agriculture Stewardship National Auditable Standards</b> Justine Taylor, CropLife Canada, ON	<b>Plant Vaccines for Greenhouse Crop Protection</b> Genevieve Marchand, Agriculture & Agri-Food Canada, Harrow Research & Development Centre, ON	<b>Lead With Lighting: Advancements of LEDs in greenhouse lettuce &amp; herb cultivation</b> Colin Brice, Signify America  <b>Lighting in High-Wire &amp; Umbrella Cucumbers</b> Jan Chechalk, Signify America
10:00 AM EST	<b>Developing a Nutrient Risk Management Tool to Monitor Stormwater Retention Ponds</b> Christopher Weisener, University of Windsor, ON	<b>ToBRFV: The discovery, the management strategies &amp; hopefully the beginning of the end</b> Aviv Dombrovsky, ARO The Volcani Center, Israel	<b>Keep That Light Abatement Screen Closed!</b> Ton Habraken, Ludvig Svensson Inc.
10:30 AM EST	<b>Nutrients, Pathogens and PGRs &amp; Pesticides: the Hybrid Treatment trifecta?</b> Ann Huber, Soil Resource Group, Guelph, ON		<b>Project Report: Stray Light Abatement in Greenhouses</b> David Lubitz, University of Guelph, ON



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	GARDEN CENTRES/RETAILING	PLANT CENTRED PRODUCTION	ENERGY
	SPONSORED BY 	SPONSORED BY 	
12:00 PM EST	<b>Supporting Ontario Pollinators &amp; Growing Profits: Ornamentals for eco-conscious gardeners</b> Rodger Tschanz, University of Guelph, ON Sarah Jandricic, Ontario Ministry of Agriculture, Food & Rural Affairs, Vineland, ON	<b>The Need for &amp; Consequences of Microclimate Measurement</b> Peter van Weel, Weel.Invent, The Netherlands	<b>Cannabis Energy Efficiency Best Practices</b> Vicki Gagnon, Independent Electricity System Operator (IESO), Toronto, ON
12:30 PM EST	<b>Capitalizing on the Foliage Boom</b> Roger Kehoe Eason Horticultural Resources, USA		<b>Dynamic Energy For Next-Gen Greenhouse Operation &amp; Expansion</b> Rupp Carriveau, University of Windsor, ON

## ON DEMAND PRESENTATIONS

<b>How &amp; Why to Produce Your Own Short Training Video for Greenhouse Growers, Workplace Safety &amp; Prevention Services</b>
<b>Harness the Power of Mycorrhizae in Greenhouse &amp; Nursery Production</b> , Scott Inman, Mycorrhizal Applications, Grants Pass, Oregon, USA
<b>Blackout Curtains, Energy Capture &amp; Microclimate</b> , Quade Digweed, Agriculture & Agri-Food Canada, Harrow, ON
<b>Use of Biostimulants to Control Greenhouse Diseases</b> , Ana Pastrana, Vineland Research & Innovation Centre, ON







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	Room 1 VERTICAL FARMS	Room 2 SUSTAINABILITY	Room 3 BIG DATA
	SPONSORED BY 	SPONSORED BY 	SPONSORED BY 
2:00 PM EST	<b>Enhancing Resource Use Efficiency in Vertical Farming</b> Murat Kacira, University of Arizona, Tucson, AZ	<b>Shedding Light on Sustainable Packaging</b> Sonia Benoit, Cascades, QC	<b>Towards Autonomous Greenhouses: Digital horticulture &amp; smart sensors</b> Kenneth Tran, Koidra Inc., WA, USA
2:30 PM EST	<b>Northern Greenhouse Program</b> Quade Digweed, Agriculture & Agri-Food Canada, Harrow, ON Adrian Schimnowski, Arctic Research Foundation	<b>Sustainable Packaging of Greenhouse Produce</b> Emily Murracas, Mucci Farms, Kingsville, ON	<b>Human + Machine: The future of horticulture is collaborative</b> Saber Miresmailli, Ecoation, Ruthven, ON
3:00 PM EST	<b>Goodleaf's Journey in Vertical Farming</b> Barry Murchie, Goodleaf Farms, Guelph, ON	<b>Sustainable Alternatives to Greenhouse Plastics</b> Amar Mohanty, University of Guelph, ON	<b>Data in Agriculture</b> Terry Vermeer, ET Grow Inc. Beamsville, ON
3:30 AM EST			<b>Big Data's Next Step – Tackling Private Data Silos</b> Ramen Dutta, TensoAI Inc., Sutton, QC



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	LIGHTING IMPACT ON IPM	PROPAGATION	VEGETABLE BIOCONTROL
	SPONSORED BY 	SPONSORED BY 	SPONSORED BY 
9:00 AM EST	<b>Potential &amp; Pitfalls of Optical Radiation (UV-visible and infrared) in Management of Powdery Mildew &amp; Gray Mold</b> Aruppillai Suthaparan, Norwegian University of Life Sciences, Ås, Norway	<b>Vegetative Propagation</b> Roger Kehoe, Eason Horticultural Resources, USA	<b>Experience with ToBRFV in Germany: Infestation, eradication &amp; prevention</b> Heike Scholz-Döbelin, IPM Specialist, Chamber of Agriculture, Nordrhein-Westfalen, Germany
9:30 AM EST	<b>Optimizing Orius Performance in Greenhouses</b> Rose Labbe, Agriculture & Agri-Food Canada, Harrow Research & Development Centre, ON	<b>Getting the Most Out of Germination</b> Jerry Gorchels, PanAmerican Seed Co.	<b>Healthy Hydroponics: A new microbiome surveillance service for food safety &amp; crop protection</b> Trevor Charles, Metagenom Bio Life Science Inc., University of Waterloo, ON
10:00 AM EST	<b>Modifying Parasitoid Behaviour with Artificial Light to Improve Biological Control of Aphids</b> Jessica Fraser, University of Laval, QC	<b>Biosecurity in Plant Propagation</b> Sarah Miner, Roelands Plant Farms, Lambton Shores, ON	<b>IPM Technology Enables IPM Strategy</b> Bri-Anna Jaksic, IPM Scoutek, Windsor, ON
10:30 AM EST	<b>Going Towards the Light: Mass trapping &amp; LED lights</b> Sarah Jandricic, Ontario Ministry of Agriculture, Food & Rural Affairs, Vineland, ON	<b>Light Quality Regulates Growth of Young Plants</b> Erik Runkle, Michigan State University, East Lansing, MI	



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	GARDEN CENTRES/RETAILING		RESEARCH UPDATES
	SPONSORED BY 	<b>1:30 PM</b> <b>Greenhouse Technology Award Winners</b> Meet the winners of the 2021 Greenhouse Technology Awards. Debuting this year, the program recognizes products or services demonstrating a high level of innovation in advancing Canada's greenhouse and controlled environment agriculture sectors.  Presented by   Sponsored by 	
12:00 PM EST	<b>Program &amp; Resources to Help Garden Centres SELL MORE PLANTS</b> Diane Blazek, All-American Selections & National Garden Bureau, Downers Grove, IL		<b>Research Updates</b>  Highlights from the 2021 Research Poster Session See program listing on <a href="#">website</a> for details  To view all the projects visit <a href="http://www.CanadianGreenhouseConference.com">www.CanadianGreenhouseConference.com</a>
12:30 PM EST	<b>Catching the Customers Eye – Trends in Container Gardening</b> Kerry Meyer, Proven Winners		

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<b>Harness the Power of Mycorrhizae in Greenhouse &amp; Nursery Production, Scott Inman, Mycorrhizal Applications, Grants Pass, Oregon, USA</b>
<b>Blackout Curtains, Energy Capture &amp; Microclimate, Quade Digweed, Agriculture &amp; Agri-Food Canada, Harrow, ON</b>
<b>Use of Biostimulants to Control Greenhouse Diseases, Ana Pastrana, Vineland Research &amp; Innovation Centre, ON</b>



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	STRAWBERRY PRODUCTION	FORWARD THINKING	CANNABIS PRODUCTION
	SPONSORED BY  <b>PLANTPRODUCTS®</b>	SPONSORED BY  <b>GG Structures Inc.</b>	SPONSORED BY  <b>KOPPERT</b> BIOLOGICAL SYSTEMS
2:00 PM EST	<b>Successful IPM in Greenhouse Strawberries: Thrips strategies</b> Brittany Harris, Plant Products, Leamington, ON	<b>Automation at Jeffery's Greenhouses</b> Rodd Gibson, Jeffery's Greenhouses, St. Catharines, ON	<b>Improving Cannabis Yield &amp; Potency</b> Youbin Zheng, University of Guelph, ON
2:30 PM EST	<b>Overview of Greenhouse Strawberry Production Technologies</b> Chieri Kubota, Ohio State University, Columbus, OH	<b>Advances in Greenhouse Structures &amp; Technology,</b> Leigh Coulter, GGS Structures Inc., Vineland Station, ON	<b>Aphid Apocalypse – Biocontrol Strategies for Cannabis Aphid</b> Kevin Cullem, Koppert Biological Systems
3:00 PM EST	<b>Greenhouse Buzziness Potential: Using bee vectoring to suppress pests on greenhouse strawberries</b> Rose Labbe, Agriculture & Agri-Food Canada, Harrow Research & Development Centre, ON	<b>Automated Cucumber Harvesting</b> Brian Lynch, Vineland Research & Innovation Centre, Vineland, ON	<b>Addressing Odour, Light &amp; Noise Nuisances from Cannabis Production</b> Bill Van Heyst, University of Windsor, ON Vicki Hilborn, Ontario Ministry of Agriculture, Food & Rural Affairs, Guelph, ON
3:30 AM EST	<b>Optimal Lighting Strategy for Winter Strawberry Cultivation in Belgium</b> Peter Melis, Proefcentrum Hoogstraten, Belgium	<b>Nanobubble Water Treatment Technology for Better Yields</b> Warren Russel, Moleaer, Carson, CA	<b>Emerging Diseases of Cannabis &amp; Management Approaches</b> Zamir Punja, Simon Fraser University, Burnaby, BC QC