










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	Nutrient Solution Treatment & Disinfection Paul Fisher, University of Florida, USA	Portable DNA Sequencing Platform for Greenhouse Pathogen Monitoring: a tool against the ToBRFV Remi Maglione, Harvest Genomics, Guelph, ON	Dynamic & Sustainable Lighting Strategies Xiuming Hao, Agriculture & Agri-Food Canada, Harrow Research & Development Centre, ON
9:30 AM EST	Protected Agriculture Stewardship National Auditable Standards Justine Taylor, CropLife Canada, ON	Plant Vaccines for Greenhouse Crop Protection Genevieve Marchand, Agriculture & Agri-Food Canada, Harrow Research & Development Centre, ON	Lead With Lighting: Advancements of LEDs in greenhouse lettuce & herb cultivation Colin Brice, Signify America Lighting in High-Wire & Umbrella Cucumbers Jan Chechalk, Signify America
10:00 AM EST	Developing a Nutrient Risk Management Tool to Monitor Stormwater Retention Ponds Christopher Weisener, University of Windsor, ON	ToBRFV: The discovery, the management strategies & hopefully the beginning of the end Aviv Dombrovsky, ARO The Volcani Center, Israel	Keep That Light Abatement Screen Closed! Ton Habraken, Ludvig Svensson Inc.
10:30 AM EST	Nutrients, Pathogens and PGRs & Pesticides: the Hybrid Treatment trifecta? Ann Huber, Soil Resource Group, Guelph, ON		Project Report: Stray Light Abatement in Greenhouses 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	Supporting Ontario Pollinators & Growing Profits: Ornamentals for eco-conscious gardeners Rodger Tschanz, University of Guelph, ON Sarah Jandricic, Ontario Ministry of Agriculture, Food & Rural Affairs, Vineland, ON	The Need for & Consequences of Microclimate Measurement Peter van Weel, Weel.Invent, The Netherlands	Cannabis Energy Efficiency Best Practices Vicki Gagnon, Independent Electricity System Operator (IESO), Toronto, ON
12:30 PM EST	Capitalizing on the Foliage Boom Roger Kehoe Eason Horticultural Resources, USA		Dynamic Energy For Next-Gen Greenhouse Operation & Expansion Rupp Carriveau, University of Windsor, ON

ON DEMAND PRESENTATIONS

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







WEDNESDAY, OCTOBER 6, 2021

	Room 1 VERTICAL FARMS	Room 2 SUSTAINABILITY	Room 3 BIG DATA
	SPONSORED BY 	SPONSORED BY 	SPONSORED BY 
2:00 PM EST	Enhancing Resource Use Efficiency in Vertical Farming Murat Kacira, University of Arizona, Tucson, AZ	Shedding Light on Sustainable Packaging Sonia Benoit, Cascades, QC	Towards Autonomous Greenhouses: Digital horticulture & smart sensors Kenneth Tran, Koidra Inc., WA, USA
2:30 PM EST	Northern Greenhouse Program Quade Digweed, Agriculture & Agri-Food Canada, Harrow, ON Adrian Schimnowski, Arctic Research Foundation	Sustainable Packaging of Greenhouse Produce Emily Murracas, Mucci Farms, Kingsville, ON	Human + Machine: The future of horticulture is collaborative Saber Miresmailli, Ecoation, Ruthven, ON
3:00 PM EST	Goodleaf's Journey in Vertical Farming Barry Murchie, Goodleaf Farms, Guelph, ON	Sustainable Alternatives to Greenhouse Plastics Amar Mohanty, University of Guelph, ON	Data in Agriculture Terry Vermeer, ET Grow Inc. Beamsville, ON
3:30 PM EST			Big Data's Next Step – Tackling Private Data Silos 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	Potential & Pitfalls of Optical Radiation (UV-visible and infrared) in Management of Powdery Mildew & Gray Mold Aruppillai Suthaparan, Norwegian University of Life Sciences, Ås, Norway	Vegetative Propagation Roger Kehoe, Eason Horticultural Resources, USA	Experience with ToBRFV in Germany: Infestation, eradication & prevention Heike Scholz-Döbelin, IPM Specialist, Chamber of Agriculture, Nordrhein-Westfalen, Germany
9:30 AM EST	Optimizing Orius Performance in Greenhouses Rose Labbe, Agriculture & Agri-Food Canada, Harrow Research & Development Centre, ON	Getting the Most Out of Germination Jerry Gorchels, PanAmerican Seed Co.	Healthy Hydroponics: A new microbiome surveillance service for food safety & crop protection Trevor Charles, Metagenom Bio Life Science Inc., University of Waterloo, ON
10:00 AM EST	Modifying Parasitoid Behaviour with Artificial Light to Improve Biological Control of Aphids Jessica Fraser, University of Laval, QC	Biosecurity in Plant Propagation Sarah Miner, Roelands Plant Farms, Lambton Shores, ON	IPM Technology Enables IPM Strategy Bri-Anna Jaksic, IPM Scoutek, Windsor, ON
10:30 AM EST	Going Towards the Light: Mass trapping & LED lights Sarah Jandricic, Ontario Ministry of Agriculture, Food & Rural Affairs, Vineland, ON	Light Quality Regulates Growth of Young Plants Erik Runkle, Michigan State University, East Lansing, MI	



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	GARDEN CENTRES/RETAILING		RESEARCH UPDATES
	SPONSORED BY 	1:30 PM Greenhouse Technology Award Winners 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	Program & Resources to Help Garden Centres SELL MORE PLANTS Diane Blazek, All-American Selections & National Garden Bureau, Downers Grove, IL		Research Updates Highlights from the 2021 Research Poster Session See program listing on website for details To view all the projects visit www.CanadianGreenhouseConference.com
12:30 PM EST	Catching the Customers Eye – Trends in Container Gardening Kerry Meyer, Proven Winners		

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



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