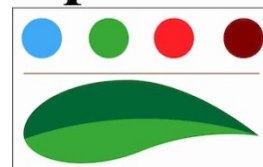


# 2021 OptimIA Research Collaborative Update - *online*



Friday August 20, 2021 (10AM – 3PM Eastern)



## Tentative Agenda

Time (Eastern)	Topic	Presenters
10:00 – 10:05 am	Welcome and Introduction	Erik Runkle (Michigan State University)
Research Goal 1: Defining optimal profitability of indoor farming.		
10:05 – 10:35 am	Economics and consumer research update	Simone Valle de Souza, Joseph Seong & Chris Peterson (Michigan State University)
10:35 – 10:50 am	Questions and answers	All members
Research Goal 2: Optimizing indoor environmental conditions to increase yield and high value attributes.		
10:50 – 11:15 am	Phasic and end-of production blue and UV-A lighting	Erik Runkle & Nathan Kelly (Michigan State University)
11:15 – 11:25 am	Nutrient content in leafy greens	Jennifer Boldt (USDA ARS)
11:25 – 11:55 pm	Co-optimization research update: CO <sub>2</sub> , temperature, and light	Roberto Lopez & Sean Tarr (Michigan State University)
11:55 – 12:10 pm	Questions and answers	All members
<i>12:10 – 1:00 pm</i>	<i>Lunch break</i>	
1:00 – 1:30 pm	Research update on environmental risk assessment and mitigation strategies for lettuce tip-burn	Chieri Kubota, Gio Papio & John Ertle (the Ohio State University)
1:30 – 2:00 pm	Reducing energy use in baby greens production	Cary Mitchell & Fatemeh Sheibani (Purdue University)
2:00 – 2:15 pm	Questions and answers	All members
2:15 – 2:45 pm	Environmental controls and resource use optimization	Murat Kacira & KC Shasteen (the University of Arizona) and Nadia Sabeh (Dr. Greenhouse)
2:45– 3:00 pm	Questions and answers	All members

**3:05 – 4:00 pm: Advisory Board Meeting (invitation only)**