



2019 Organic Agriculture Research Forum
Hilton Downtown Portland
February 16, 2019
in Partnership with Organicology

Agenda

9:00 – 9:10 Welcome and introductions

Fruits & Vegetables

9:10 – 9:30 **Matthew Kleinhenz**, *Enhancing the utility of grafting in U.S. organic vegetable production*

9:30 – 9:50 **Jim Myers**, *Northern organic vegetable improvement collaborative*

9:50 – 10:10 **Erin Silva**, *Impact of cultivar selection on arbuscular mycorrhizal fungi colonization and effects of biomass allocation and yield in organic carrot production*

10:10 – 10:30 **Javier Fernandez-Salvador**, *Organic strawberry production in Oregon: A case for season extension research*

10:30 – 10:50 **Break**

Breeding

10:50 – 11:10 **John Snyder**, *Conventional breeding (non-GMO) of tomato for insect and spider mite resistance*

11:10 – 11:30 **Brigid Meints**, *Multi-use naked barley for organic farming systems*

11:30 – 11:50 **Jared Zystro**, *Efficient methods to develop new sweet corn cultivars for organic systems*

11:50 – 1:30 **Lunch**

Climate Change

1:30 – 1:50 **Jessica Shade**, *The real impact of organic agriculture on climate change: Adjusting LCA data to more fully account for organic systems*

1:50 – 2:10 **Léa Vereecke**, *Optimizing organic cover crop-based rotational tillage systems for early soybean growth*

2:10 – 2:30 **Emily Evans**, *Understanding the value of tillage radish and winter hardy cover crops as nutrient sources for field crops*

2:50 – 3:10 **Lauren Snyder**, *Organic soil health practices for climate mitigation and farm resilience*

3:10 – 3:30

Break

Social Science

3:30 – 3:50

William Tracy, *Corn earworm management: A survey of organic sweet corn growers*

3:50 – 4:10

Amanda Marabesi, *A phenomenological inquiry into producers' experiences growing organic produce*

4:10 – 4:30

Jeff Schahczenski, *Is organic farming risky? The mysterious case of loss ratios*

5:00 – 7:00

Poster Session and Social

Refreshments available at the Farewell Tapas Reception hosted by Organicology

Poster Presentations

Lexie Baker, *Finding new flavor in culinary corn: Methods for breeding savory vegetable corn*

Tessa Barker, *On-farm production of containerized, organic strawberry transplants: Effects of container size and bare root cold storage on leaf development, plant growth, yield, and cost of production*

Brook Brouwer, *Managing wireworms (*Agriotes* spp.) in Western Washington organic vegetable crop production*

Micaela Colley, *Carrot improvement for organic agriculture*

Claire Hodge, *Yield of leafy greens and microclimate in deep winter greenhouse production in Minnesota*

Matthew Kleinhenz, *Microbe-containing crop biostimulants in organic vegetable production: Lessons and messages from farmers, researchers, and manufacturers/suppliers*

Matthew Kleinhenz, *Soil balancing in organic crop production: Concepts, practices, and big questions*

Meredith Melendez, *Organic production and compliance with the Food Safety Modernization Act Produce Safety Rule*

C. Ondiko, *Establishment and early growth of *Brachiaria* grass cultivars in the coastal region, Kenya*

Svetlana Zamana, *Main principles of assessment and correction of the elemental composition of the soil-plant-animal system*