

Saturday, January 13, 2018

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	Spratt 214/216	Spratt 205	Spratt 101	Blum 218	Blum 219	Blum 222/223	Hallway	Room 6	Room 7
	Organic	Small Fruits	Vegetable production	Season Extension	Greenhouse/Hydroponics	Cut Flowers	Posters	Plant Disease Diagnostics and ID Clinic	Trade Show
8-9 AM	Registration								
Track	Organic	Small Fruits	Vegetable production	Season Extension	Greenhouse/Hydroponics	Cut Flowers			
coordinators	Tom Buller and Kathi Mecham**	Patrick Byers, Connie Fisk, and Dianna Cochrane	Ajay Nair and Patrick O'Malley	Patrick O'Malley and Ajay Nair	Cary Rivard and Kimberly Oxley	Karen Davis			
Description	Organic production allows growers to access market premiums and grow produce by working to build healthy ecological systems. This track will help growers understand organic certification, organic pest control methods for some common and troubling pests, as well as learn about various options for marketing organic produce.	Strawberries, blackberries, raspberries, elderberries, and blueberries make an appearance during the berry session on January 13, 2018 at the Great Plains Growers Conference. Spotted wing drosophila management, warm season raspberry production, plasticulture strawberries, berry harvest/postharvest management, elderberries and cyanide, and blackberries on the RCA trellis are among the topics. Berry session speakers: Brad Bergefurd (OSU), Gina Fernandez (NCSSU), Eleni Pliakoni (KSU), Jaime Piñero (LU), Patrick Byers (MU), Andrew Thomas (MU)	Commercial vegetable production acreages have seen a steady growth over last five to ten years. Demand for fresh and locally produced vegetable has spurred growth in farmers markets, CSA's, restaurants, and wholesale supply chains. This vegetable production track will bring presenters that will cover a wide variety of topics ranging from cultivar trials, integrated pest management, conservation tillage, and harvest and post-harvest handling techniques. Speakers include university researchers, farmers, and extension and outreach specialists focusing on vegetable production in the Midwest area.	Given the challenging weather conditions in Midwest, season extension strategies are valuable to all vegetable farms. This season extension track is designed to highlight production and management aspects of several high tunnel crops, along with information on the economics and marketing aspects of high tunnel crop production. The track will include topics ranging from production and marketing lessons, effect of shade cloth materials on high tunnel pepper production, tomato varieties, and integrating crop diversity into high tunnels. Speakers include university researchers, farmers, and extension and outreach specialists focusing on high tunnel vegetable production.	Many growers are interested in learning new methods of improving their crop production year around in heated greenhouse production systems. This workshop will provide an overview of greenhouse and hydroponic systems. During this track, presenters will discuss greenhouse structures and considerations from the United States and abroad, basic hydroponic management, LED lighting, greenhouse tomatoes and pollination and microgreens production and marketing opportunities. The presenters include industry representatives from greenhouse companies, extension educators and researchers, and greenhouse growers.	As founder of Brightflower Farm, Jeanie is devoted to providing beauty and fullness of life through her flowers. The farm is located in NW Illinois and SW Wisconsin and grows many varieties of specialty cut flowers and plants for designers, flower shops, and various wholesale markets. Her flowers and plants are available from March through frost. Growing flowers and plants in all the stunning colors of nature is her passion and she feels incredibly fortunate to be able to earn a livelihood providing people with local beauty!			
9:00-9:15	9:00-9:45 Introduction to Organic Certification. By Jackie Keller, OClA.	9:00-9:45- Plasticulture strawberry production and winter protection. By Brad Bergefurd, Ohio State University.	9:00-10:00 Harvest and Postharvest Practices at Juniper Hill Farms. By Scott Thellman, Juniper Hill Farms, KS	9:00-10:00 Tomato varieties for organic high tunnel systems - Julie Dawson, University of Wisconsin	9:00-9:45 A survey of hydroponics cropping systems at home and across the pond. By Kimberly Williams, Kansas State University.	9:00-10:30 Bright flower farm introduction & market channels. by Jeaine McKewan, Brightflower Farm, IL.			
9:15-9:30									
9:30-9:45									
9:45-10:00	9:45- 10:45 Managing cucumber beetles and squash bugs in organic systems. By Jaime Piñero, Lincoln University of Missouri	9:45-10:30 Extending the strawberry harvest season from 5 weeks to 5 months in Ohio. By Brad Bergefurd, Ohio State University.	10:00-10:45 Reinventing row covers to manage bacterial wilt in organic muskmelon and squash - Hayley Nelson, ISU	10:00-10:45 Don't stress! Managing heat in high tunnels for bell pepper production - Kristine Lang, ISU	9:45-10:30 Hydroponics: Propagation, techniques, production and marketing. By Chris Guagno, General Hydroponics.				
10:00-10:15									
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10:45-11:00	10:45 -11:15 Morning Break	10:30-11:00 Morning Break	10:45-11:15 Morning Break	10:45-11:15 Morning Break	10:30-11:00 Morning Break	10:30-11:00 Morning Break			
11:00-11:15									
11:15-11:30	11:15- 12:15 Organic Management options for the Japanese beetles. By Austen Dudenhof, Lincoln University of Missouri.	11:00-11:45 Raspberry Production in Warm Climates. By Gina Fernandez, North Carolina State University.	11:15-12:15 More trial, less error: choosing the best varieties for your farm. By Julie Dawson, University of Wisconsin.	11:15-12:15 Economics and Budgets in High Tunnel Production. By Scott Thellman, Juniper Hill Farms, KS	11:00-12:00 Vertical Farming-Opportunities for existing and new growers. By Pieter DeSmedt, Urban Crop Solutions.	11:00-12:30 Top 10 Best Sellers. by Jeaine McKewan, Brightflower Farm, IL.			
11:30-11:45									
11:45-12:00									
12:00-12:15									
12:15-12:30	12:15-1:15 Lunch Break	12:30-1:30 Lunch Break	12:15-1:15 Lunch Break	12:15-1:15 Lunch Break	12:00-1:00 Lunch Break	12:30-1:30 Lunch Break			
12:30-12:45									
12:45-1:00									
1:00-1:15									
1:15-1:30	1:15- 3:00 Marketing Organic Produce-Growers Panel Featuring Emily Miller, the KC Food Hub, Katie Nixon, Green Gate Farms; Ami Zumalt, Red Ridge Farms; and Jill Elmers, Moon on the Meadow.	1:30-2:00 Postharvest Handling of Berries By Eleni Pliakoni, Kansas State University	1:15-2:15 Recommended Tomato Cultivars from the KSU Master Gardener Trials. By Charles Barden, Kansas State University	1:15-2:15 Valuable lessons from production to marketing of high tunnel tomatoes - Joe Hannan, Iowa State University Extension and Outreach.	1:00-2:00 Greenhouse Supplemental Lighting: Fundamentals, Benefits, and Strategies. By Joshua Craver, Purdue University.	1:30-2:15 Seed propagation. by Jeaine McKewan, Brightflower Farm, IL.			
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3:00-3:15	Adjourn	3:00-3:30 Update on Elderberry Cyanide Research. By Andrew Thomas, University of Missouri.	Adjourn	Adjourn	3:00-3:30 Afternoon Break	Adjourn			
3:15-3:30									
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3:45-4:00									
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4:45-5:00									

