11:45 – 12:30  **Pre-field day workshop: How to grade a honey bee colony for pollination strength; hosted by Dr. Melathopoulos (Assistant Professor, OSU) with beekeeper Harry Vanderpool; meet at hives along gravel roadway (follow signs)**

In this workshop we will work through the components of a honey bee colony and options available to help you determine the overall workforce in the colonies you are renting

**If you attend the workshop, we suggest you bring a lunch**

Blueberry Field Day: Meet at the organic blueberry research plot (NW section of the farm; follow signs).

**Come early to have time to pick up handouts!**

1:00 pm  **Introduction: Hosted by Amanda Davis and Patrick Jones, Sr. Faculty Research Assistants, OSU/NWREC**

1:05 pm  **Blueberry Pollination Project Update - Hive assessments and colony placement**
Dr. Lisa DeVetter, Associate Professor, WSU; Jason Myer; Dr. Andony Melathopoulos, OSU; and Kayla Brouwer, graduate student, WSU

1:20 pm  **Mitigating European Foulbrood (EFB) disease in honey bee colonies pollinating blueberries to enhance pollination**
Ramesh Sagili, Associate Professor-Apiculture, OSU; Mustafa Bozkus, graduate student, OSU; Carolyn Breece, Sr. Faculty Research Assistant, OSU

1:35 pm  **Can humic acids improve production in mature organic northern highbush blueberry?**
Amanda Davis and Dr. Bernadine Strik, Professor Emeritus, OSU/NWREC

1:50 pm  **Calcium application and its effect on yield and fruit quality**
Dr. David Bryla and Scott Orr, USDA-ARS, HCRU-Corvallis

2:05 pm  **Walk/ride to Mini Blues plot**

2:15 pm  **What we learned from pruning trials in ‘Legacy’ and ‘Mini Blues’**
Amanda Davis and Bernadine Strik

2:30 pm  **IR-4 pesticide update**
Dr. Dani Lightle, IR4 specialty crops pesticide registration research leader, OSU

2:35 pm  **Benefits of pulsed drip irrigation in blueberry**
Jesse Carroll, graduate student, and Dr. David Bryla

2:50 pm  **Short walk to Blueberry Cultivar/Selection Evaluation plot**

2:55 pm  **REFRESHMENT BREAK – Fruit will be available for evaluation (Zak Wiegand, Faculty Research Assistant, Dept. Food Sci. & Tech., OSU; Dr. Claire Luby and Ted Mackey, USDA-ARS, HCRU, Patrick Jones, NWREC)**

3:20 pm  **Comparing microbial load in blueberries harvested by hand and machine**
Dr. Wei Yang, Professor, OSU, and Dr. Jinru Chen, Professor, University of Georgia
3:30  
*Pesticide use and resistance development for SWD*
Dr. Vaughn Walton and Dr. Serhan Mermer, OSU

3:50  
*Parasitoid releases for SWD*
Dr. Jana Lee, Research Entomologist, HCRU-USDA

4:00  
*Improving blueberry fruit quality through VacCAP*
Dr. Claire Luby, Dr. Nahla Bassil, NCGR-USDA, and Dr. Lisa DeVetter

4:15 pm  
Breeding blueberries for the PNW – an update of the USDA/ARS-OSU Cooperative Breeding Program – 
*Dr. Claire Luby, Todd Anderson, graduate student, Lily Hislop, Ted Mackey, Pat Jones*

5:15 pm  
**ADJOURN**

Accommodation requests related to a disability should be made by July 13, 2022 to Amanda Davis
(971)-801-0394, amanda.davis@oregonstate.edu