Tree Fruit Management School Day 1: Agenda
February 12, 2019

Venue: Great Wolf Lodge, 3575 N US Highway 31 S, Traverse City, MI 49684
Ph: 1-866-478-9653

Horticulture

8:45 – 9:45 Registration Opens: Morning refreshments available

9:45 – 10:00 Welcome and Program Overview
Emily Pochubay, MSU Extension

10:00 – 10:30 PGRs impact on tree growth and fruit quality
Phil Schwallier, MSU Extension

10:30 – 11:00 PBRs to improve quality of apples
Dr. Duane Greene, University of Massachusetts

11:00 – 11:30 Using the pollen tube growth model to optimize thinning strategies
Phil Schwallier, MSU Extension

11:30 – 12:00 Precision thinning and crop load management
Dr. Duane Greene, University of Massachusetts

12:00 – 12:10 Meet your sponsor: Nutrien Ag Solutions

12:10 – 1:00 Lunch

1:00 – 1:20 Winter injury – the extension educators answer to everything
Amy Irish-Brown, MSU Extension

1:20 – 1:45 Establishing new tree fruit orchards with container-produced nursery trees
Dr. Todd Einhorn, Dept. of Horticulture, MSU

1:45 – 2:10 Is top-working right for you?
Amy Irish-Brown, MSU Extension

2:10 – 2:20 Meet your sponsor: BASF

2:20 – 2:35 Break
2:35 – 2:45  
*Meet your sponsor: Fine Americas*

2:45 – 3:10  
*Tart cherry training systems and rootstocks for high-density orchards*
Dr. Nikki Rothwell, MSU Extension

3:10 – 3:40  
*Update on the MSU dwarfing cherry rootstocks*
Dr. Amy Iezzoni, Department of Horticulture, MSU

3:40 - 4:10  
*New cherry varieties and propagation methods*
Wanda Heuser, International Plant Management

4:10 – 4:35  
*Apple varieties that compete with Michigan*
Phil Schwallier, MSU Extension

4:35 – 5:00  
*MSU Enviroweather – Management tools for tree fruit growers*
Dr. Keith Mason, Department of Geography, Environment, and Spatial Sciences, MSU

Fill out pesticide recertification and certified crop advisor sheets

*Dinner is on your own.*
Tree Fruit IPM School Day 2: Agenda
February 13, 2019

Venue: Great Wolf Lodge, 3575 N US Highway 31 S, Traverse City, MI 49684
Ph: 1-866-478-9653

7:30 – 8:30 Breakfast

Entomology

8:30 Welcome – Day 2 Overview
Emily Pochubay, MSU Extension

8:40 – 9:05 Progress toward developing an SWD IPM model
Dr. Nikki Rothwell, MSU Extension and AgBioResearch

9:05 – 9:30 Rainfastness attributes of insecticides for control of SWD in cherries
Dr. John Wise, Department of Entomology, MSU

9:30 – 10:00 Research update on two key invasive fruit pests: BMSB and SWD
Dr. Danielle Kirkpatrick, USDA ARS

10:00 – 10:10 Meet your sponsor: Michigan Tree Fruit Commission

10:10 – 10:30 Break

10:30 – 10:55 BMSB trapping and opportunities for biological control
Dr. John Pote, Department of Entomology, MSU

10:55 – 11:15 Spotted lantern fly: an invasive on the horizon
Dr. Danielle Kirkpatrick, USDA ARS

11:15 – 11:35 Novel ways to reduce black stem borer damage
Dr. Larry Gut, Department of Entomology, MSU

11:35 – 12:00 Sterile insect release: a new tool for codling moth control in Michigan
Dr. Chris Adams, Department of Entomology, MSU

12:00 – 12:10 Meet your sponsor: Wilbur-Ellis

12:10 – 1:10 Lunch
1:10 – 1:20  
*Meet your sponsor: Bayer Crop Sciences*

1:20 – 1:45  
*Opportunities for mating disruption of San Jose scale*  
Dr. Larry Gut, Department of Entomology, MSU

**Pathology**

1:45 – 2:10  
*Cherry leaf spot management in the age of resistance*  
Cory Outwater, Department of Plant, Soil, and Microbial Sciences, MSU

2:10 – 2:40  
*Understanding SDHI fungicide resistance in apple scab*  
Dr. Kerik Cox, Cornell University

2:40 – 3:00  
Break

3:00 – 3:10  
*Meet your sponsor: Syngenta*

3:10 – 3:40  
*New and upcoming methods for bacterial disease management*  
Dr. George Sundin, Department of Plant, Soil, and Microbial Sciences, MSU

3:40 – 4:10  
*A new fire blight management approach using Apogee*  
Dr. Kerik Cox, Cornell University

Fill out survey, pesticide recertification and certified crop advisor sheets

4:15 – 5:30  
*Happy Hour and Tree Fruit School Trivia Social Event*

*Dinner is on your own.*
Tree Fruit IPM School Day 3 (half day): Agenda  
February 14, 2019

Venue: Great Wolf Lodge, 3575 N US Highway 31 S, Traverse City, MI 49684  
Ph: 1-866-478-9653

7:30 - 8:30  
Breakfast

8:30  
Welcome – Day 3 Overview  
Emily Pochubay, MSU Extension

8:40 – 9:10  
Screening Prunus Species to Find Sources of Resistance to Armillaria Root Rot  
Dr. Pratima Devkota, Department of Plant, Soil, and Microbial Sciences, MSU

9:10 – 9:40  
Preventing disease while minimizing harm to pollinators during bloom  
Dr. Julianna Wilson, Department of Entomology, MSU

9:40 – 10:10  
Farm business management: telfarm and cost of production assistance  
Dan Ochs, MSU Extension

10:10 – 10:30  
Break

10:30 – 10:50  
MAEAP tips on pesticide storage and handling  
Lauren Silver, MAEAP  
Parker Ameel, MAEAP

10:50 – 11:20  
Sprayer optimization and alternative pesticide delivery systems  
Dr. Matt Grieshop, Department of Entomology, MSU

11:20 – 11:50  
Sprayer airflow adjustment demonstration  
Dr. Matt Grieshop, Department of Entomology, MSU

11:50  
Finish survey, fill out pesticide recertification credit and certified crop advisor sheets

Lunch is on your own. Have a safe trip home!