Middle-Atlantic Fruit and Vegetable Convention
2016 Educational Program

Updated as of 1/2/16

* indicates topic expected to qualify for a category pesticide update training credit
** indicates topic expected to qualify for a core pesticide update training credit
*** indicates topic expected to qualify for a fumigation update training credit

Tuesday Morning, February 2, 2016

**Wildlife Management** – Trinidad Room
9:00 History and Status of Fencing for Wildlife Management - Frank Otto, Summit Ag Systems
9:45 Managing Deer Damage in Your Enterprise - Jonathan Kays, Univ. of Maryland Ext.

**Cover Crops** – Magnolia Room ABC
9:00 Beneficial Cover Crop Mixes for Vegetable Rotations - Kaitlin Dye, Cover Crop Solutions LLC
9:45 Nutrient Recovery in Cover Crops – Steven Groff, Cedar Meadow Farms

**Herbs** – Wild Rose Room
9:00 Getting Started with Growing Culinary Herbs – Dr. Elsa Sanchez, Penn State Univ

**Organic Vegetable Production** - Empire Room AB
9:00 Minimum Tillage and Cover Cropping for Managing Weeds in Organic Vegetables – Dr. Cerruti Hooks, Univ. of Maryland
9:45 Low Soil Inorganic N is Not so Yield Limiting in Established Organic Systems – Dr. Alison Grantham, Blue Apron

**Food Banking** – Empire Room CD
9:00 Overview of Food Banking - Sheila Christopher, Hunger Free Pennsylvania
9:45 Tax Policy for Food Donations - Carrie Calvert, Feeding America

**Introduction to Hops** – Cocoa 1/Terrace
9:00 Site Selections and Pre-Plant Considerations & Basic Management for Eastern Growers - Steve Miller, Cornell Coop Ext
9:45 Pest Management in Hops Production Systems - Timothy Weigle, Cornell Univ
10:10 Economic Considerations of Commercial Hops Production - Kevin Martin, Penn State Ext.

**GMO's** - Crystal Room
9:00 GMO Basics, The Science of it and Crafting Marketing Messages - William Hlubik, Rutgers Coop. Ext & Heather Mikulas, Penn State Univ.
9:45 Consumer Perceptions of GMO's and Mandatory Labeling – Dr. William Hallman, Rutgers Univ.

**Tree Fruit** – Nigerian Room
9:00 Invocation – Ed Weaver, Weavers Orchard
9:05 President’s Address – Timothy Weiser, State Horticultural Association of Pennsylvania
9:15 *Managing Nematodes in Tree Fruit Orchards – Dr. Kari Peter, Penn State Univ.
9:45 George Goodling Lecture - How We Will Survive the FSMA and the Next Challenge, Whatever It Is - John Rice, Rice Fruit Company

**Keynote** - Nigerian/Trinidad
10:45 Mid-Atlantic Legislative Affairs Update
11:00 Keynote Presentation – Discuss the Undiscussabull – Tools for Talking about the Tough Issues in Farm Transfer - Elaine Froese, Family Farm Coach
Tuesday Afternoon, February 2, 2016

Sweet Corn – Trinidad Room
1:00 **Storage and Spills** – Dr. Timothy Elkner, Penn State Ext.
1:30 *Fall Armyworm Migration - Implications for the Mid Atlantic* - Robert Meagher Jr, USDA, ARS
2:00 No-Till Planter Set-Ups - Do’s and Don’t’s - Thomas Strzelecki, Covered Wagon Produce
2:30 *Cover Crops for Weed Management and N-Supply* - Steven Mirsky, USDA, ARS
3:15 **Early Season Production** – Ronald & William Beinlich, Triple B Farms; Brenton Barnhart, Country Creek Produce; Mark & Andrew Duda, Duda’s Farm; Harold Weaver, Meadowgate Vista Farm

Food Safety Crisis Management – Magnolia Room ABC
1:30 Impact of FSMA on Mid Atlantic Growers – Dr. Wesley Kline, Rutgers Coop. Ext.
2:00 Can Cow Manure Be Used Safely as Fertilizer for Vegetables? – Dr. Jeffrey LeJeune, Ohio State Univ.
3:15 Are You Ready for a Recall - Amy Philpott, Watson Green LLC

Root Crops – Wild Rose Room
1:30 *Gain the Upper Hand in Weed Control by Understanding the Enemy* - Darcy Telenko, Cornell Coop Ext.
2:00 Growing and Marketing Root Crops at Everblossom Farm - Elaine Lemmon, Everblossom Farm
2:30 *Variety Selection for Flavor, Nutrition and Marketing* - Jan Van Der Heide, Bejo Seeds
3:15 *Insect Pests of Root Crops* – Dr. Shelby Fleischer, Penn State Univ
4:00 **Overlooked Steps to Getting the Correct Rate of Pesticides** - Lee Stivers, Penn State Ext.

Organic Vegetable Production – Empire Room AB
1:30 *Weed Management in Organic Onions* - Bryan Brown, Univ. of Maine
2:00 *Scouting Insects in High Tunnels* - Kathleen Ayers, Penn State Univ
2:30 *Using Biocontrols for Insect Pests in High Tunnels* – Dr. Margaret Skinner, Univ. of Vermont
3:15 *Identifying Common Natural Enemies in High Tunnels* – Dr. Margaret Skinner, Univ. of Vermont
4:00 Planning Diversified Crops for Winter Income - Elaine Lemmon, Everblossom Farm

Hydroponics – Empire Room CD
1:30 Tomatoes Varieties for Hydroponics in the Mid-Atlantic - Natalie Bumgarner, Univ. of Tennessee
2:00 *Keeping Hydroponic Systems Clean Using Peroxides* - Vijay Kumar Choppakatla, BioSafe Systems
2:30 *Utilizing Microbial Probiotics in Hydroponic Lettuce Production* - Natalie Bumgarner, Univ. of Tennessee
3:15 Chasing Nutrient Solutions Targets - Thomas Childs, Twin Springs Fruit Farm
4:00 *Downy Mildew in Hydroponic Basil* - Thomas Ford, Penn State Ext.

Labor/Farm Management – Cocoa 1/Terrace
To be announced

Wholesale Marketing – Crystal Room
1:30 Food Hubs - Enhance Your Understanding of This Newer Method to Get Farm Fresh Food to Consumers - Ann Karlan, Fair Food
2:15 Farm To School - Recent Successes and Future Opportunities to Connect Local Produce with School Food Programs - Vonda Cooke, Child Nutrition Program
3:15 Direct Store Deliveries - Meeting Criteria, Building Relationships and What We Do to Exceed Expectations - James Weaver, Meadow View Farm
4:00 Produce Auctions - Trends in This Industry and What is On the Horizon - Bennie C. Yoder, Countryside Produce Auction

Tree Fruit - Honeycrisp Symposium – Nigerian Room
1:30 Fruit Packer Observations on Honeycrisp Post-Harvest Disorders - Benjamin Rice, Rice Fruit Company
2:00 Three Years of Storage Research on Pennsylvania Honeycrisp—Implications for Growers and Packers - Christopher Watkins, Cornell Univ.
3:00 Growing Tips for Honeycrisp - Grower Panel
Dr. Tara Baugher, Penn State Ext. (moderator); Bennett Saunders, Saunders Brothers Orchard; Nathan Milburn, Milburn Orchards; Joseph Lerew, Lerew Orchards
3:45 Rootstocks and Site Preparation for Honeycrisp - Rob Crarswell, Penn State Univ.
Wednesday Morning, February 3, 2016

Tomatoes – Magnolia Room ABC
9:00 Penn State Variety Update – Dr. Majid Foolad, Penn State Univ.
9:30 *Looking at Nanomaterials for Bacterial Spot Control – Amanda Strayer, Univ. of Florida
10:15 *Tomato Disease Update - Planning for 2016 – Dr. Beth Gugino, Penn State Univ.
11:00 *Detection of Canker and Salmonella in Irrigation Water - Nitika Khatri, Ohio State Univ.
11:30 PVGA Annual Meeting – Crystal Room

General Vegetables/IPM – Crystal Room
9:00 Update on Biodegradable Mulch – Dr. Michael Orzolek, Penn State Univ Emeritus
9:30 **Air Blast Sprayer Calibration - Eric Oesterling,
10:15 Season Long Lettuce Production – Arthur King, Harvest Valley Farms
11:00 Celery Production – Dr. Michael Orzolek, Penn State Univ Emeritus
11:30 PVGA Annual Meeting – Crystal Room

Greenhouse Skills – Empire Room AB
9:00 Root Zone Environment Management in Container Crop Production – Dr. Youbin Zheng, Univ. of Guelph
10:15 Deconstructing Fertilizer Formulas – Dr. Cari Peters, J R Peters Inc
11:00 *Managing Western Flower Thrips Using Biocontrols - Scott Creary
11:30 PVGA Annual Meeting – Crystal Room

Peppers and Eggplant – Empire Room CB
9:00 Pepper Variety Trials – Sheldon Sutton, Rupp Seeds
9:30 Broad Mites in Peppers – Steven Bogash, Penn State Ext.
10:15 Diseases of Peppers – Dr. Andrew Wyenandt, Rutgers Univ.
11:00 Peppers and Eggplant for Ethnic Markets – Thomas Strzelecki, Covered Wagon Produce
11:30 PVGA Annual Meeting – Crystal Room

Small Fruit – Wild Rose Room
9:00 *Spotted Wing Drosophila - When Do I Really Need to Start Spraying? – Dr. Gregory Loeb, Cornell Univ.
9:30 Closing the Loop in Recycling Ag Plastics - It Can Be Done! - Ron Davis, R. Davis Enterprises Inc
10:15 *Thrips Galore, and We Don't Want More! – Dr. Margaret Skinner, Univ. of Vermont & Kathleen Demchak, Penn State Univ.
11:00 Performance of New Strawberry Varieties in Plasticulture and Matted-Row Field Trials – Dr. Timothy Elkner, Penn State Ext. & Kathleen Demchak, Penn State Univ.

Business Planning for Direct Marketers – Trinidad Room
9:00 Yes, You Really Do Need a Business Plan - Keith Dickinson, Farm Credit East
10:00 You Think you're Being Smart, but... - Ed Weaver, Weavers' Orchard, David Fleming Jr.: Shady Brook Farm; & Caleb Torrice, Tabora Farm
11:30 Dealing with Farming's In-law Factor and Family Dynamics - Elaine Froese, Family Farm Coach

Wine Grapes – Cocoa 1/Terrace
9:00 What People Should Know Before Establishing Their Vineyard – Dr. Joseph Fiola, Univ. of Maryland:
11:00 Evaluation of Winegrape Cultivars for Cool Climate Regions - Michela Centinari, Penn State Univ.: 11:30 The Essentials of Grape Nutrient Management – Dr. Gary Pavlis, Rutgers Coop. Ext.

Tree Fruit – Nigerian Room
9:00 Performance of European Pears – Dr. James Schupp, Penn State Univ.
9:30 The Continuing Quest for Optimal Harvest Management & Storage of Apples - Christopher Watkins, Cornell Univ.
10:15 Rootstock Scion Combination Observations - Bryan Butler, Univ. of Maryland
10:45 **The Worker Protection Standard is Here - James Harvey, Penn State Univ.
11:15 The Young Grower Alliance & Precision Management Innovations - Russell Homberg, Ben Lerew, Mark Boyer
**Spanish** – Magnolia Room D

9:00   *Practica sobre Identificación de Malezas (Hands-On Weed Identification)* - Dwight Lingenfelter & Lee Stivers, Penn State Ext.; Beth Sastre, VCE-Loudon Ext. Office

10:00  *Técnicas de MIP para Producción en Macrotúnel (IPM Techniques for High Tunnel Production)* - Maria Gorgo (NRCS), Noel Soto (NRCS), Cathy Thomas (PDA)

10:45  **Protegernos y Nuestras Familias de la Exposición a Pesticidas (Protecting Yourself and Your Family from Pesticide Exposure)** - Hector Nunez-Contreras, Penn State Ext.

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**Wednesday Afternoon, February 3, 2016**

***Tomatoes*** – Wild Rose Room

1:30   *Bio Pesticides - Where Is the Future* - Timothy Johnson, Marrone Bio Innovations

2:00   **Storage and Spills** – Dr. Timothy Elkner, Penn State Ext.

2:30   *Fruit Rots and Timing of the Last Fungicide Application – What’s the Best Approach?* - Cheryl Trueman, Univ. of Guelph

3:15   Top Tomato Production - Steven Bogash, Penn State Ext.

4:00   *What We Have Learned about Managing Stink Bugs in Tomatoes* – Dr. Thomas Kuhar, Virginia Tech

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***General Vegetables*** – Crystal Room

1:30   Succession Planting – Dr. William Lamont, Jr., Penn State Univ

2:00   Asparagus Production – Dr. Thomas Orton, Rutgers Co-op Ext.

2:30   *Evaluating Select Management Strategies for Bacterial Diseases of Onion* - Jennie Mazzone, Penn State Univ

3:15   How Plant Growth Promoters Size Grain and Fill Fruits – Dr. Richard Woodward, Stoller USA

4:00   *New Vegetable Herbicides* – Dr. Mark Van Gessel, Univ. of Delaware

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***Greenhouse Ornamentals*** - Empire Room AB

1:30   *Diagnosing Disease Problems in the Greenhouse* - Virginia Brubaker, GGS-Pro

2:00   *Diagnosing Insect Problems in the Greenhouse* - Virginia Brubaker, GGS-Pro

2:30   Succulents - All the Juicy Details - John Friel, Emerald Coast Growers

3:15   Best Plants From the 2015 Penn State Flower Trials - Sinclair Adam, Penn State Ext.

4:00   LEDs and Their Application in Horticulture – Dr. Youbin Zheng, Univ. of Guelph

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***Specialty Crops*** - Empire Room CD

1:30   Outstanding New PawPaws - Carl Cantaluppi, North Carolina Ext.

2:00   You Can Grow Ginger - Leah Tewksbury, Tewksbury Grace Farms

2:30   Chick Peas Have Potential - John Esslinger, Penn State Ext. & Joseph Yodock

3:15   Growing Okra on Plastic – Dr. William Lamont, Jr., Penn State Univ

4:00   **Get My Drift?** - John Esslinger, Penn State Ext.

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***Agritourism*** - Magnolia Room ABC

1:30   How to Handle Large Crowds at Your AT Events - Timothy VonThun, VonThun Family Farm

2:00   Practical Advice for Managing Liability on Agritourism Farms - Brian Schilling, Rutgers Coop. Ext.

2:30   Tips for Hiring and Managing Employees for Agritourism - Gillian Armstrong, Rutgers Univ. & William Hlubik, Rutgers Coop. Ext.

3:15   Agritourism Need Not to be a Risky Business - Patricia Hastings, Rutgers Coop Ext.

4:00   Consumers Want to Know Their Farmer, But Do Farmers Know Their Customers - Richard VanVranken, Rutgers Univ.

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***Stone Fruit*** – Trinidad Room

1:30   *Contribution of Mid-Season Cover Sprays to Management of Peach Brown Rot at Harvest* - Norm Lalancette, Rutgers Univ.

2:15   *The Use ProGibb and ReTain to Reduce Peach Flower Bud Density & Enhance Fruit Firmness* - Win Cowgill, Rutgers Univ.

3:00   Peaches: Trends and Opportunities - Eric Gaarde, Gaarde FoodSource

3:45   *Bacterial Spot Management in Stone Fruit* - Sarah Bardsley Capasso, Penn State Univ.
Wine Grapes - Cocoa 1/Terrace
2:00  Early Season Disease Control for Mid-Atlantic Wine Grape Production - Bryan Hed, Penn State Univ.
2:45  Diagnosis and Integrated Management of Late Season Fruit Rots in Wine Grapes – Dr. Cassandra Swett, Univ. of Maryland
3:30  Update on Spotted Lanternfly Research in Grapes – Dr. Michael Saunders, Penn State Univ.

Tree Fruit – Nigerian Room
1:30  **Top Ten Tips for Pesticide Applicators – Dr. Kerry Richards, Penn State Univ.
2:00  *Attract and Kill for BMSB - Chris Bergh, Virginia Tech
2:45  US Apple Association & PA Apple Marketing Board Updates
3:30  *Solid Set Systems as a Novel Method of Delivering Chemical Inputs in Apple - Dr. Larry Gut, Michigan State Univ.

Spanish – Magnolia Room D
1:15  Visita al Mercado de Productores de la Villa Masónica – This session will be held at Masonic Village, 310 Eden View Road, Elizabethtown.
1:20  Poda Básica y Principios de Manejo de Carga del Cultivo de Arboles de Manzana (Basic Pruning/ Crop Load Management Principles for Apple Trees) - Mario Miranda Sazo, Cornell Coop. Ext.
2:00  Equipo de Crecimiento de Frutales – Comunicación en Áreas de Trabajo (The Fruit Growing Team – Workplace Communication) - Miguel Saviroff, Penn State Ext.
2:30  Pasos para Podar Arboles de Manzana en un Sistema de Eje Alto (Steps for Pruning Apple Trees to the Tall Spindle System) - Mario Miranda Sazo, Cornell Coop. Ext.

Thursday Morning, February 4, 2016
Vine Crops – Magnolia Room ABC
9:00  *New Options for Cucumber Beetle Management – Dr. Shelby Fleischer, Penn State Univ.
9:30  Growing Seedless Watermelons – Dr. Gordon Johnson, Univ. of Delaware
10:15  *Weed Control in Vine Crops - Making the Most With What We Have Available – Dr. Mark Van Gessel, Univ. of Delaware
11:00  Seedless Watermelon Varieties - Results of the SE PA Trial - Tanner Delvalle, Penn State Ext.
11:30  Biological Strip-Till for Vine Crops – Dr. Gordon Johnson, Univ. of Delaware

Bio Controls in High Tunnels – Crystal Room
9:00  *Managing Key Pests of Tomatoes with Biocontrols - Scott Creary
9:30  TerraGrow and TerraClean 5.0 in High Tunnel Systems - Vijay Kumar Choppakatla, BioSafe Systems
10:15  *Pathways to Biological Control - Case Studies from the 2015 Growing Season - Nicolas Ellis, Norden Agricultural LLC
11:00  *Managing Leaf Mold in High Tunnel Tomatoes - Steve Bogash, Penn State Ext.
11:30  Root Zone Temperature Management - Natalie Bumgarner, Univ. of Tennessee

Potatoes – Empire Room AB
9:00  Update from the United States Potato Board - Nolan Masser, Red Hill Farms Inc and David Fraser, United States Potato Board
9:30  Review of the 2015 Potato Season - Robert Leiby, PA Coop Potato Growers
10:15  Fertility Management for Potatoes – Dr. Steven Johnson, Univ. of Maine Coop. Ext.
11:00  *General Disease Update – Dr. Beth Gugino, Penn State Univ.
11:30  *Insect Control Measures – Dr. Thomas Kuhar, Virginia Tech

Cut Flowers – Empire Room CD
9:00  *Biologically Based Approaches to Disease Management in Specialy Cut Flowers - Thomas Ford, Penn State Ext.
9:30  High Tunnels as Overwintering Structures for Perennials and Semi-Hardy Annual Cut Flowers: A Sharing of Experiences – Dr. Chris Wien, Cornell Univ.
10:15  Hybrid Liliums & Other Bulb Crops for Summer Production - Ko Klaver, Botanical Trading Co
11:00  Utilizing Topping Pinching Techniques to Increase Floral Stem Yield in Cut Flowers – Dr. Chris Wien, Cornell Univ.
11:30  Grower's Prespective on the Cut Flower Industry - Michelle Elston, Roots Cut Flower Farm LLC
Small Fruit – Wild Rose Room
9:00 ***What's New in Biofumigants for Strawberry Production – Dr. Charles Johnson, Virginia Tech
9:30 Pruning Brambles - Increase Harvest Efficiency and Winter Hardiness While Improving SWD Management - Nathan Nourse, Nourse Farms
10:15 *A National Research Effort to Manage Spotted Wing Drosophila and Recent Advances in Biology and Management – Dr. Hannah Burrack, North Carolina State Univ. & others to be announced
11:00 *Strawberry Diseases and Early Season Stunting – Dr. Charles Johnson, Virginia Tech
11:30 *Strawberry Crown Rots - How to Tell Them Apart and Differences in Control – Dr. Cassandra Swett, Univ. of MD

Marketing 101 – Cocoa 1/Terrace
9:00 Capturing Your Virtual Customer - Rebecca Frimmer, Kitchen Table Consultants
10:15 Are Your Products Paying the Rent? - Josh Smith, Frecon Farms
11:15 Business Collaborations to Expand Your Market - The Partnership of a Hard Cidery and Diversified Farm Market - Reed Soergel, Soergel Orchards

Stone Fruit – Trinidad Room
9:00 *Ernie Christ Lecture - Getting Back into an IPM Program in Peaches & Nectarines – Dean Polk, Rutgers Univ.
10:00 Cherry Rootstock Update – Dr. Rob Crassweller, Penn State Univ.
10:30 Nectarine Varieties – 50 Years of Experiences in the East - Jerry Frecon, Adams County Nursery
11:15 Peach Genetics and Breeding for the Future Ralph Scorza, USDA, Kearneysville

Tree Fruit – Nigerian Room
9:00 *What Caused That Apple Leaf Spot? - Keith Yoder, Virginia Tech.
9:30 *Mating Disruption Then, Now and the Future – Dr. Larry Gut, Michigan State Univ.
10:30 Getting to the Root of the Tree - Emily Lavely, Penn State Univ.
11:00 What Affects the Tree's Photosynthesis Factory – Dr. Richard Marini, Penn State Univ.
11:30 Flower Power: Apple Pollen Tube Growth and its Management - Thomas Kon, Penn State Univ.

Thursday Afternoon, February 4, 2016
Pumpkins – Magnolia Room ABC
1:30 *Update on Insect Pest Management Research in Pumpkins – Dr. Thomas Kuhar, Virginia Tech
2:00 Tale Of A Thousand Pumpkins - Creating Magic at the Arboretum at Penn State's Pumpkin Festival - Shari Edelson, Penn State Univ
2:30 *Soil Borne Cucurbit Disease Management and a Foliar Disease Update – Dr. Beth Gugino, Penn State Univ.

High Tunnels – Crystal Room
1:30 Supplemental Heating for High Tunnels - David King, Harvest Valley Farms
2:00 Plastic Films for High Tunnels – Dr. Michael Orzolek, Penn State Univ Emeritus
2:30 Managing Key Pests of Peppers and Cucumbers with Biocontrols - Scott Creary
3:15 ***Pesticide Sprayers for High Tunnels - Thomas Ford, Penn State Ext.
3:45 Growing Cucumbers in High Tunnels - Steven Bogash, Penn State Ext.

Potatoes – Empire Room AB
1:30 Developing Infrastructure in MSU Potato Breeding Program to Facilitate Bringing New Specialty to Small Growers – Dr. David Douches, Michigan State Univ.
2:00 *Dickeya, an Emerging Pathogen on Potatoes – Dr. Steven Johnson, Univ. of Maine Coop. Ext.
2:30 New Varieties for Pennsylvania Potato Growers - Michael Peck, Penn State Univ.
3:15 New Opportunities in Disease Resistant Breeding in Potatoes – Dr. David Douches, Michigan State Univ.
3:45 Blue and White Potato Chips – Dr. William Lamont Jr., Penn State Univ
Innovations Equipment & Infrastructure – Empire Room CD
1:30 To be announced
2:00 Future of Drones in Ag – Paul Caskey, SkyPhilly
2:30 Irrigation Optimization – to be announced
3:15 Is There a Future in Interseeding Cover Crops? - Corey Dillon, Penn State Univ
3:45 To be announced

Small Fruit – Wild Rose Room
1:30 Crop Production Methods in Beach Plum and Aronia - Jenny Carleo, Rutgers Coop. Ext.
2:00 *Demystifying Blueberry Declines in the Mid-Atlantic – Dr. Cassandra Swett, Univ. of MD
2:30 Understanding Winter Hardiness and Injury in Blueberries – Dr. Mark Ehlenfeldt, USDA - ARS
3:00 *Recent Developments in Blueberry Pest Control Options – David Trinka, MGB Marketing
3:30 *Practical Monitoring and Management of Spotted Wing Drosophila in Highbush Blueberries – Dean Polk, Rutgers Univ.

Social Media and Technology – Cocoa 1/Terrace
1:30 Apps, Sensors and Technology for Crop Results - Ben Butler, Butlers Orchard
2:00 Using Videos to Share Your Story - Sarah Cornelisse, Penn State Univ.
2:30 Social Media Realities - Shannon Dill, Univ. of Maryland Ext.
3:15 Tricks of the Trade - Shannon Dill, Univ. of Maryland Ext.

Peaches – Trinidad Room
1:30 Ripening in Peach & Nectarine & Internal Breakdown – Dr. Christopher Walsh Univ. of Maryland
2:00 National Peach Council Industry Update - Kay Rentzel, National Peach Council
2:30 Microbiology of an Orchard Soil - David Eissenstat, Penn State Univ.
3:00 **Sprayer Deposition – Dr. Kerry Richards, Penn State Univ.

Tree Fruit – Nigerian Room
1:30 **Effect of Water Quality on Pesticides - Dr. Kerry Richards, Penn State Univ.
2:00 *How to Use Harvista Technology - Dr. Nancy Brill, AgroFresh
2:45 *Managing BMSB as Part of the Total Insect Pest Management System - Dr. Greg Krawczyk, Penn State Univ.