

Thursday – January 16, 2020

Credit Legend: Certified Crop Adviser (CCA)

PA Act 38 Nutrient Management (PA NM)

(PA Pesticide - Categories PC, 01, 18 unless otherwise noted)

| Time | Wyndham Garden Ballroom A | Wyndham Garden Ballroom B | Wyndham Garden Ballroom C |
|-------------------|---|---|--|
| 8:00AM | Registration and Visit Exhibits | | |
| 8:45AM | Welcome and Introduction | | |
| 9:00 to 11:30AM | <p>GENERAL SESSION (50 minutes each)</p> <p>1. American Farmers Have it Easy! A Global Ag Economic Outlook – <i>John Berry, PSU Retired</i> 1.0 CCA CEU – PD</p> <p>2. A Systems Approach to Improved Soybean Production – <i>Dr. Shaun Casteel, Purdue University</i> 1.0 CCA CEU – CM</p> <p>3. Thrive through Stress - Don't Just Survive It – <i>Roger Greene, LiveWell Consulting</i> 1.0 CCA CEU – PD</p> | | |
| 11:30AM to 1:00PM | <p>Member of Year Award Presentation Lunch Visit Exhibits</p> <p style="background-color: #cccccc; text-align: center;">Mountain View Country Club Ballroom</p> | | |
| 1:15 to 2:15PM | <p>GENERAL SESSION (30 minutes each)</p> <p>1. 2019 Weather Recap & What's in Store for 2020 – <i>Kyle Imhoff, PSU</i> 0.5 CCA CEU – CM</p> <p>2. New Monitoring Technology Available in PA – <i>Kyle Imhoff, PSU State Climatologist & Emily Weaver, PSU Pest. Ed. Program</i> 0.5 CCA CEU – CM</p> | | |
| 2:30 to 3:30PM | <p>Calculating Variable Rate Nitrogen Credits for Soil Organic Matter and Cover Crops <i>Dr. Charlie White, Penn State Extension</i> 1.0 CCA CEU – SW</p> | <p>Sulfur on Soybeans: Learning the When's & the Why's <i>Dr. Shaun Casteel, Purdue University</i> 1.0 CCA CEU – NM PA NM</p> | <p>Introduction to Mesonet Precision Weather Monitoring and FieldWatch Online Mapping <i>Kyle Imhoff, PSU State Climatologist Emily Weaver, PSU Pest. Ed. Program</i> 0.5 CCA CEU – CM 0.5 CCA CEU – PM PA Pesticide (Core)</p> |
| 3:45 to 4:45PM | <p>Calculating Variable Rate Nitrogen Credits for Soil Organic Matter and Cover Crops <i>Dr. Charlie White, Penn State Extension</i> 1.0 CCA CEU – SW</p> | <p>A PA Perspective on Phosphorus Management <i>Jennifer Weld, PSU</i> 1.0 CCA CEU – NM PA NM</p> | <p>Best Management Practices for Fusarium Head Blight in Small Grains <i>Dr. Paul Esker, PSU</i> 1.0 CCA CEU – PM PA Pesticide</p> |
| 5:00 to 6:30PM | <p>Hospitality Hour – Mountain View Country Club Ballroom</p> | | |
| 7:00 to 9:00PM | <p>PSU Student/Industry Workshop – 118 ASI Building – on PSU Campus</p> | | |

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| 7:30AM | Registration and Visit Exhibits | | |
| 8:00 to 9:00AM | GENERAL SESSION (30 minutes each) 1. Soil Compaction – Effects, Diagnosis, Avoidance and Repair – <i>Dr. Sjoerd Duiker, PSU</i> 1.0 CCA CEU – SW 2. FSMA and Field Operations – <i>Susan Ranck, Ranck & Associates LLC</i> 0.5 CCA CEU – CM | | |
| 9:15 to 10:15AM | Glyphosate in the Environment – Understanding Hazards and Risks <i>Dr. John Wallace, PSU</i> 1.0 CCA CEU – PM PA Pesticide | USDA-Ag Research Station Update <i>Panel – Dr. Curtis Dell, Dr. Clinton Church, Dr. Anthony Buda, Dr. Al Rotz, USDA-ARS</i> 1.0 CCA CEU – NM PA NM | Lessons from the 2019 PA Hemp Growing Season <i>Dr. Greg Roth, PSU Retired</i> 1.0 CCA CEU – CM |
| 10:30 to 11:30AM | Glyphosate in the Environment – Understanding Hazards and Risks <i>Dr. John Wallace, PSU</i> 1.0 CCA CEU – PM PA Pesticide | Examining the Role of Hydrology in Phosphorus Loss from Ag Landscapes of the Chesapeake Bay Watershed <i>Dr. Anthony Buda, USDA-ARS</i> 1.0 CCA CEU – SW | Forage Management and the Ruminant Animal: A Symbiotic Relationship <i>Dr. Tara Felix, PSU</i> 1.0 CCA CEU – CM |
| 11:45AM to 12:45PM | GENERAL SESSION – Via Zoom Facts Versus Fiction on Livestock and Climate Change – <i>Dr. Frank Mitloehner, CLEAR Center, University of California, Davis</i> 1.0 CCA CEU – PD | | |
| 1:00 to 2:00PM | Lunch Annual Business Meeting and PAES Board Election Closing Comments and Adjournment <i>Mountain View Country Club Ballroom</i> | | |

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