

POSTER SESSIONS

Royal Palm Ballroom, Room 3

Poster presentations play an important role in sharing new research and information. The symposium topics are divided into two poster sessions to allow ample time for presenters and attendees to interact.

POSTER SESSION 1

Monday, April 11, 2:30pm - 3:30pm

Breeding/Genetics/Evaluation Session

Entomology

Physiology

Soil/Nutrient Management

POSTER SESSION 2

Wednesday, April 13, 2016, 9:30am - 10:30am

Horticulture/Production

Plant Pathology

Postharvest

POSTER SET UP	<p>Sunday, April 10, 3:00pm - 5:00pm Presenters may also set up Monday beginning at 7:00am. Please ensure that your poster is up by 8:00am Monday morning.</p>
POSTER SESSION 1	<p>Monday, April 11, 2:30pm - 3:30pm Presenters for the following topics are asked to stand near their poster for discussion and questions.</p> <p>Breeding/Genetics/Evaluation Session Entomology Physiology Soil/Nutrient Management</p>
POSTER SESSION 2	<p>Wednesday, April 13, 9:30am - 10:30am Presenters for the following topics are asked to stand near their poster for discussion and questions.</p> <p>Horticulture/Production Plant Pathology Postharvest</p>
POSTER REMOVAL	<p>Wednesday, April 13, 3:00pm - 3:30pm**</p>
<p>**Poster display boards will be dismantled by the vendor promptly, so please remove your poster during the requested time slot. Symposium organizers are not responsible for lost or damaged posters removed by the display board vendor. Posters left behind will be discarded.</p>	

POSTER SESSION PRESENTATIONS

POSTER SESSION 1

Monday, April 11, 2:30pm - 3:30pm

Presentations are arranged alphabetically by presenter's last name within each topic. Presenters for these topics will be available for discussion and questions.

Poster number	Breeding/Genetics/Evaluation Session
1	Performance of Rabbiteye and Southern Highbush Blueberries in the Low to Moderate Chill Region of North Florida - Peter Andersen, UF/IFAS, North Florida Research and Education Center, Quincy, FL
2	An Economical DNA Test for Genetic Identity Confirmation in Blueberry - Nahla Bassil, USDA-ARS National Clone Germplasm Repository, Corvallis, OR
3	Towards Genomic Resources for the Molecular Breeding of Enhanced Blueberry Flavor: The Oxylin Volatile Biosynthetic Pathway as a Test Case for a New Gene-Identification Methodology - Lorenzo Bizzio, UF/IFAS, Gainesville, FL
4	Agronomical Behaviour of 35 Blueberry Cultivars in Central Italy - Flavio Roberto De Salvador, CREA-Centro Ricerca per la Frutticoltura, Roma, Italy
5	Wild Germplasm in <i>Vaccinium</i> Species Improvement - Samir Debnath, Agriculture and Agri-Food Canada, Atlantic Cool Climate Crop Research Centre, St. John's NL, Canada
6	Oryzalin-induced Chromosome Doubling in <i>Vaccinium</i> Species - Michael Dossett, BC Blueberry Council, Agassiz BC, Canada
7	Furthering the Utilization of <i>V. constablaei</i> and <i>V. virgatum</i> Germplasm in Cultivar Development - Mark Ehlenfeldt, USDA-ARS, Blueberry Cranberry Res. Lab, Chatsworth, NJ
8	Identifying Blueberry Germplasm that is Slow to get Blueberry Shock Virus in the Pacific Northwest United States - Chad Finn, USDA-ARS, Horticultural Crops Research Lab, Corvallis, OR
9	Rapid Characterization of Blueberry Aroma by FastGC Proton-Transfer Reaction-Time-of-Flight-Mass Spectrometry - Lara Giongo, Fondazione Edmund Mach, Research and Innovation Centre, San Michele all'Adige, Italy
10	Optimum Transformation and Expression of Transgenic Constructs for the Molecular Breeding of Enhanced Blueberry Flavor - Brianna Gonzalez, UF/IFAS, Gainesville FL
11	Global Diversity of <i>Vaccinium</i>: A Future of Possibilities - Kim Hummer, USDA-ARS NCGR, Corvallis, OR
12	Molecular Cloning and Expression Analysis of the Transcription Factor Gene <i>Sabzip78</i> from <i>Vaccinium corymbosum</i> L - Qingzhong Liu, Shandong Institute of Pomology, Taian, China

(Poster Session 1, Breeding/Genetics/Evaluation Session continued)

13	New Southern Highbush Blueberry Varieties From The University of Georgia - Scott Nesmith , University of Georgia, Department of Horticulture, Griffin, GA
14	Characterization of Backcross Blueberry Populations created to Introgress <i>Vaccinium arboreum</i> Traits into Southern Highbush Blueberry - James Olmstead , UF/IFAS Horticultural Sciences Department, Gainesville, FL
15	Genetic Control of Anthocyanin Glycosylation in a Cranberry Hybrid - James Polashock , USDA-ARS, Chatsworth, NJ
19	Physicochemical Characteristics of Half-highbush Blueberry Fruits Dependent on Genotype and Cultivation Conditions - Marge Starast , Inst of Agricultural & Environmental Sci., Estonian University of Life Sciences, Dept. of Horticulture, Tartu, Estonia
16	Variation in Flavonoid Content in American Cranberry (<i>Vaccinium macrocarpon</i>) Cultivars - Nicholi Vorsa , Rutgers University, Philip E. Marucci Center for Blueberry and Cranberry, Chatsworth, NJ
17	Breeding Northern Highbush Blueberry for Fresh Market Machine-Harvestability and Self-Fertility - Nicholi Vorsa , Rutgers University, Philip E. Marucci Center for Blueberry and Cranberry, Chatsworth, NJ
18	Fine Mapping of Fruit Rot-resistance and Organic Acid QTL in the American Cranberry - Nicholi Vorsa , Rutgers University, Philip E. Marucci Center for Blueberry and Cranberry, Chatsworth, NJ
20	'Winterbell', A New Southern Highbush Blueberry for Warm Climates - David Weber , Florida Blueberry Nursery, Winter Haven, FL
Poster number	Entomology
21	Spotted Wing Drosophila, Trapping and Baiting - Hannah Lee , Ponte Vedra Beach, FL
22	A Screening Method for Evaluating Resistance to the Spotted Wing Drosophila (<i>Drosophila suzukii</i>) - Blair Sampson , USDA-ARS Thad Cochran Southern Horticultural Laboratory, Poplarville, MS
Poster number	Physiology
24	Delaying Blueberry Harvest with Cold Treated Plants - Pedro Brás Oliveira , Instituto Nacional de Investigação Agrária e Veterinária, Oeiras, Portugal
25	Photosynthetic Characteristics of Southern Highbush and Rabbiteye Blueberries at High Temperatures - Chia-Chih Chang , National Taiwan University, Department of Horticulture, Taipei, Chinese Taipei
26	Hydraulic Conductivity in <i>V. corymbosum</i> and <i>V. arboreum</i> Grafting Impacts Drought Responses - M. Isabel Hernandez , UC Davis, Department of Plant Sciences, Davis CA

27	Temperature and Photon Flux Density Effects on Carbon Assimilation in Cranberry - Peter Jeranyama, UMass Amherst, Cranberry Station, East Wareham, MA
28	Physiological Effects of Artificial Shading on Leaf Gas Exchange, Growth and Yield in Rabbiteye Blueberry - Kuo-Tan Li, National Taiwan University, Department of Horticulture, Taipei, Chinese Taipei
23	Development of a Hydroponic Screening Method for pH Tolerance in Rabbiteye (<i>Vaccinium virgatum</i>) and Southern Highbush (<i>Vaccinium corymbosum</i>) Blueberries - Blair Sampson, USDA-ARS Thad Cochran Southern Horticultural Laboratory, Poplarville, MS
29	The Influence of Flooding Stress on the Growth and Gas Exchange Characteristics of Young Rabbiteye Blueberry (<i>Vaccinium ashei</i> Reade) - Hong Yu, Jiangsu Province & Chinese Academy of Sci., Nanjing, Jiangsu, China
30	The Response of Antioxidants of Blueberry Leaves to Aluminum - Hong Yu, Jiangsu Province & Chinese Academy of Sci., Nanjing, Jiangsu, China
Poster number	Soil/Nutrient Management
31	Ericoid Mycorrhizal Inoculation of Blueberry Cultivars Under Nursery Conditions - Siri Caspersen, Swedish University of Agricultural Sciences, Alnarp, Sweden
32	Ericoid Mycorrhizal inoculation of Organically Grown Highbush Blueberries - Siri Caspersen, Swedish University of Agricultural Sciences, Alnarp, Sweden
33	Calcium Effects on Nitrate and Iron Acquisition in <i>Vaccinium</i> Species - Rebecca Darnell, UF/IFAS Horticultural Sciences Department, Gainesville, FL
34	Comparison of Controlled Release and Soluble Granular Fertilizers on Cranberry Growth, Yield, and Soil Nutrients - Carolyn DeMoranville, University of Massachusetts Amherst, UMASS Cranberry Station, East Wareham, MA
35	Effect of Soil pH on the Growth, Chlorophyll Fluorescence and Leaf Mineral Elements of Blueberry - Yanqin Jiang, Jiangsu Province Chinese Academy of Sci., Nanjing, Jiangsu, China
36	Effects of Nitrogen Source and Rate on Growth, Flowering, Fruit Quality, and Yield of 'Duke' Highbush Blueberry Plants - Eunju Kim, Jeollabuk-Do Agricultural Research and Extension Services, Iksan-city, Jeollabuk-do, Korea-Republic of (KOR)
37	Leaf Nutrient Levels in Blueberries - Does One Size Fit All? - Shirley Miller, PlusGroup Horticulture Limited, Tauranga, New Zealand
38	Ericoid Mycorrhizal Fungi and Soil Nutrient Uptake of Two Rabbiteye Blueberry Cultivars - Eric Stafne, Mississippi State University, Poplarville, MS

POSTER SESSION 2

Wednesday, April 13, 9:30am - 10:30am

Presentations are arranged alphabetically by presenter's last name within each topic. Presenters for these topics will be available for discussion and questions.

Poster number	Horticulture/Production
41	Blueberries in Romania: Past, Present and Future Perspective - Adrian Asanica, University of Agronomic Sciences and Veterinary Medicine Bucharest, Bucharest, Romania
42	Climate Change Affects Blueberry Production in Romania - Adrian Asanica, University of Agronomic Sciences and Veterinary Medicine Bucharest, Bucharest, Romania
43	Differentiation-Pruning: A Novel Strategy to Induce and Advance Floral Buds Development in Blueberries - Maria Pilar Bañados, Universidad Catolica de Chile, Facultad de Agronomia, Santiago, Chile
44	Effect of Substrate Type and Pot Size on Blueberry Growth and Yield, First Year Results - Pedro Brás Oliveira, Instituto Nacional de Investigação Agrária e Veterinária, Oeiras, Portugal
45	Use of Continuous and Cyclic Irrigation with Micro-Sprinklers for Reducing Fruit Temperature during Warm Weather Events in a Field of Northern Highbush Blueberry - David Bryla, USDA-ARS, Corvallis, OR
39	Determination of Blueberry Acreage and Soil Type in North Carolina Using Web-based Resources - William Cline, North Carolina State University, Department of Plant Pathology, Castle Hayne, NC
46	Foliar Applications of Boron and Calcium for Improved Fruit Set and Berry Quality in Washington Blueberry - Lisa DeVetter, Washington State University, NWREC, Mount Vernon, WA
47	Effectiveness of Living and Biodegradable Mulches for Weed Control in Pacific Northwest Highbush Blueberry - Lisa DeVetter, Washington State University, NWREC, Mount Vernon, WA
48	Applications of Foliar Calcium Products to Fruit Had No Impact on Firmness and Shelf-life of Blueberry Cultivars - Patrick Jones, Oregon State University, Aurora, OR
49	Wetland versus Upland Cranberry Fields: The Role of Organic Peat and Subsurface Drainage in Cranberry Production - Casey Kennedy, USDA-ARS, East Wareham MA
50	Evaluation of Potting Media for Soilless Cultivation of Southern Highbush Blueberry - Patrick H. Kingston, Oregon State University, Department of Horticulture, Corvallis, OR
51	Patterns of Winter Injury in Michigan Blueberries - Mark Longstroth, Michigan State University Extension, Paw Paw, MI

52	A Suggestion of How the European Blueberry (<i>Vaccinium myrtillus</i> L.) Could Be Cultivated in Outlying Fields and on Agricultural Land - Rolf Nestby, NIBIO, Food and Agriculture Division, Ås, Norway
53	Cane Diameter and Location do not Affect Fruit Quality in Highbush Blueberry - Jorge Retamales, Universidad de Talca, Escuela de Agronomía, Talca, Chile
54	The Effect of Three Different Irrigation Systems on the Activation of the Herbicide Flumioxazin in Blueberry (<i>Vaccinium</i> spp.) - Erick Smith, University of Georgia, Dept of Horticulture, Tifton, GA
40	Difference in Fruit Quality between the Wild 'Albino' and Blue Bilberry (<i>Vaccinium myrtillus</i> L.) - Robert Veberic, University of Ljubljana, Biotechnical faculty, Ljubljana, Slovenia
55	Preliminary Study of Mulching Rabbiteye Blueberry Plants in Taiwan - Shih-Yi Yang, National Taiwan University, Department of Horticulture, Taipei, Chinese Taipei
56	Wild Blueberry Systems Approach Economic and Risk Analysis - David Yarborough, University of Maine, Orono, ME
57	Vinegar Residue: A New Soil Conditioner to Improve Blueberry Antioxidant Activity - Hong Yu, Jiangsu Province & Chinese Academy of Sci., Nanjing, Jiangsu, China
Poster number	Plant Pathology
58	The Effect of <i>Trichoderma</i> spp. in the control of Root Rot caused by <i>Phytophthora Cinnamomi</i> in Blueberries in Peru - Walter Apaza, Universidad Nacional Agraria La Molina, Lima, Peru
59	Occurrence of <i>Vaccinium</i> Viruses in Blacksea Region of Turkey - Huseyin Celik, Univ.of Ondokuzmayis, Faculty of Agriculture, Department of Horticulture, Samsun, Turkey
60	<i>Xylella fastidiosa</i> is Associated with Reduced Yield and Altered Fruit Quality in a Rabbiteye Blueberry Orchard in Louisiana but does not Appear to Spread Rapidly - Mary Helen Ferguson, Louisiana State University, Baton Rouge LA
61	First Detection of Silverleaf (<i>Chondrostereum purpureum</i>) on Rabbiteye Blueberry (<i>Vaccinium ashei</i>) and Disease Damages - Andrés France, INIA Quilamapu, Chillán, Chile
62	Symptomology and Epidemiology of <i>Exobasidium</i> Leaf and Fruit Spot of Blueberry - Russell Ingram, University of Georgia, Athens, GA
63	Use of Biofungicides to Address Conventional <i>Botrytis</i> Blight Control Challenges in Wild Blueberry Production - David Percival, Dalhousie University, Dept. of Environmental Sciences, Truro, Canada

(Poster Session 2, Plant Pathology continued)

64	Integration of Laboratory Sensitivity Analysis Into <i>Monilinia</i> Blight Management Technologies For Wild Blueberry Production - David Percival, Dalhousie University, Dept. of Environmental Sciences, Truro, Canada
69	Sustainable Approaches to Blueberry Disease Management in Michigan - Annemiek Schilder, Michigan State University, Plant, Soil and Microbial Sciences, East Lansing, MI
65	<i>Botryosphaeria</i> Stem Blight on Blueberries: Effect of <i>Vaccinium</i> Cultivar, <i>Botryosphaeriaceae</i> Species and Temperature - Barbara Smith, USDA-ARS Southern Horticultural Lab, Poplarville, MS
66	Effect of Cultural Practices and Fungicide Treatments on the Severity of <i>Phytophthora</i> Root Rot of Blueberries Grown in Mississippi - Barbara Smith, USDA-ARS Southern Horticultural Lab, Poplarville, MS
67	Effect of Nitrogen Fertilization and Fungicides on <i>Botryosphaeria</i> Stem Blight Lesion Development on Detached Stems - Barbara Smith, USDA-ARS Southern Horticultural Lab, Poplarville, MS
68	Effects of <i>Phytophthora cinnamomi</i> Isolate, Inoculum Delivery Method, Flood, and Drought on Vigor, Disease Severity and Mortality of Blueberry Plants - Barbara Smith, USDA-ARS Southern Horticultural Lab, Poplarville, MS
70	Discovery of an <i>Ampelovirus</i> and a <i>Vitivirus</i> in <i>Vaccinium</i> - Ioannis Tzanetakis, University of Arkansas, Plant Pathology, Fayetteville, AR
71	Plans for a Pest Risk Assessment of <i>Diaporthe vaccinii</i> in the European Union by the Plant Health Panel of the European Food Safety Authority - Ariena van Bruggen, UF/IFAS Plant Pathology, Gainesville, FL
Poster number	Postharvest
72	Quantitative Evaluation of Blueberry Packing Line in Chile Using Miniature Instrumented Sphere - Changying Li, University of Georgia, Athens, GA
73	Studies on Quality of Two Southern Highbush Blueberry Cultivars: Effects of Pulp Temperature, Impact and Hydrocooling - Steven Sargent, UF/IFAS, Horticultural Sciences Department, Gainesville, FL
Poster number	New Poster Presentations (added after printed program)
74	Extraction optimization of Oleanolic and Ursolic Acids from blueberry (<i>Vaccinium corymbosum</i> L.) Fruit - Xin Chen, Shandong Institute of Pomology, Taian, China