

IVS Posters

Poster number	Breeding and Germplasm
1	Interspecific hybridization in blueberry domestication: Highlighting diversity and overlooked potential in wild <i>Vaccinium</i> species - Anisa Khalid, Gainesville, United States of America
2	Comparative analysis of flower and fruit characteristics in ‘Zhaixuan 7’ and eight other blueberry cultivars - Xiaomin Wang, Institute of Botany, Jiangsu Province and, Chinese Academy of Sciences, Nanjing, Zhongshanmen Wai, China
3	Building and utilizing the <i>Vaccinium</i> hybridization roadmap: <i>V. meridionale</i> and the commercial <i>Vaccinium</i> crops - Fernando de la Torre, Cranberry Genetics and Genomics Laboratory, USDA-ARS, VCRU, United States of America
4	Unusual leaf and fruit morphology in a cranberry population bred for low fruit acidity - Sara Knowles, Chatsworth, United States of America
5	Pre-breeding strategies for obtaining new resilient and added value berries - Bruno Mezzetti, Dip.Sci. Agrarie, Alimentari ed Ambientali, Università Politecnica delle Marche, Via Brecce Bianche, Italy
6	BreedingValue – High throughput phenotyping platform for early identification of plant stress resilience and fruit quality in blueberries - Susan McCallum, The James Hutton Institute, Scotland, United Kingdom
7	Preliminary results from evaluating new cranberry cultivars under Massachusetts growing conditions - Giverson Mupambi, East Wareham, United States of America
8	Blueberry variety field collection located in South Tyrol (Northern Italy) with an approach to climate change effects - Victor Mari-Almirall, Bolzano Bozen, Italy
9	A comparative analysis of blueberry (<i>Vaccinium</i> spp.) cultivars in West Georgia - quality traits and productivity evaluation - Zviad Bobokashvili, Scientific-Research Center of agriculture, Tbilisi, Georgia
10	Mapping variation in flower bud initiation across years in a bi-parental highbush blueberry population - Michael Dossett, Abbotsford, BC, Canada
11	Blueberry variety field collection located in South Tyrol (Northern Italy) with an approach to climate change effects - Victor Mari-Almirall, Bolzano Bozen, Italy

12	Identification of novel QTLs influencing fruit texture and quality in the American cranberry (<i>Vaccinium macrocarpon</i>) - Hector Lopez-Moreno, Dept. of Plant and Agroecosystem Sciences, University of Wisconsin-Madison, Madison, Wisconsin, United States of America
Soil Fertility and Plant Nutrition	
13	Effect of different fertilizer concentrations on growth, yield and quality of blueberry - Wu Wenlong, Institute of Botany Jiangsu Province, Chinese Academy of Sciences, Nanjing Botanical Garden Mem.Sun Yat-Sen, China
14	Effects of nitrification inhibitor 3,4-dimethylpyrazole phosphate application on blueberry growth and soil properties - Hong Yu, Jiangsu Province & Chinese Academy of Sci., Zhongshanmen Wai, China
15	Fertigation with Nitrogen and other Nutrients in Northern Highbush Blueberry - Rui Machado, Dept. De Fitotecnia, Univ.de De Evora, Mitra, Portugal
16	Techniques to reduce fertilizer usage in wild blueberry fields - Kenneth Anku, Truro, Nova Scotia, Canada
17	Optimizing biostimulant strategies for enhanced container-grown highbush blueberry cultivation in a changing climate - Eve Marie Boudreau Forgues, Québec, Université Laval, Canada
18	Alternative Soil Amendments for Cultivation of Northern Highbush Blueberry in Marginal Soils - Andrea Retano, Corvallis OR, United States of America
19	The role of soil nutrient concentrations in determining wild blueberry yield - Swikar Karki, Orono, United States of America
20	Assessing Potassium Fertilization in Blueberry Production in the Southeast USA - Natalia Ms. Espinoza, Tifton GA, United States of America
21	Linking the blueberry soil microbiome to soil health - James Polashock, USDA-ARS, GIFVL, Chatsworth, United States of America
22	Long-term impacts of high nitrogen fertilization rates on highbush blueberry yield and soil properties - Charitha Jayasinghege, Agassiz Research and Development Centre, Agassiz, BC, Canada
Plant Physiology	
23	Effect of agricultural practices on agronomic parameters and yield of lowbush blueberries - Maxime Paré, Département des sciences fondamentales, Université du Québec à Chicoutimi, Saguenay Québec, Canada

24	Adaptation and physiological responses of highbush blueberry 'Duke' under varying cultivation conditions - Robert Veberic, University of Ljubljana, Biotechnical faculty, Ljubljana, Slovenia
25	Effect Of cellulose nanofibrils coatings and seaweed extract on post-harvest traits of wild blueberries - Sandesh Thapa, University of Maine, Orono, United States of America
26	Analysis of morphological structure and hormone content in the hybrid fruit of blueberry with seed abortion - Lianfei Lv, Institute of Botany, Jiangsu Province, and the Chinese Academy of Sciences, Nanjing, Zhongshanmen Wai, China
27	Effects of different soilless substrate formulations on the growth and physiology of blueberries - Wu Wenlong, Institute of Botany Jiangsu Province, Chinese Academy of Sciences, Nanjing Botanical Garden Mem.Sun Yat-Sen, China
28	Cranberry root winter survival is affected by the growth substrate and overwintering environment - Jonna Ms. Pärssinen, Dept. of Agricultural Sciences, University of Helsinki, Finland
29	The role of fruit barriers on fruit dehydration of blueberries - Claudia Moggia, Talca, Chile
30	Response of wild and highbush blueberries to extreme drought: threshold of coordinated decline in physiological parameters and branch dieback - Pratima Pahadi, University of Maine, Orono, Maine, United States of America
31	Effects of different doses of cellulose nanofibrils (CNFs) on foliar water uptake of two wild blueberry species - Sara Rawal, University of Maine, Orono, Maine, United States of America
32	Ethephon effect on blooming of three southern highbush cultivars - Lilian Carcamo Medina, Horticulture Department, Tifton, GA, United States of America
33	Optimal application timing of post bloom recovery agents on wild lowbush blueberries - Naomi Jakel, Nova Scotia, Canada
34	Optimizing Vaccinium floral structure for autogamous fruit production in controlled environment growing - Bouche Jacques-Joseph, Tasman Motueka, New Zealand
Post Harvest Physiology	
35	Postharvest treatment of nanochitosan-based coating loaded with <i>Mentha pulgium</i> essential oil to prolong shelf-life of blueberry

	- Parisa Abdollahi, Islamic Azad university, Tehran, Iran
36	Blueberry texture and total polysaccharide composition of 10 southern highbush cultivars following cold storage - Penelope Perkins-Veazie, NC Research Campus, Kannapolis, United States of America
37	Postharvest fruit chemistry changes in 60 blueberry cultivars after six weeks of cold storage - Penelope Perkins-Veazie, NC Research Campus, Kannapolis, United States of America
38	Postharvest quality determination by phenolic profiling, antioxidant activity assays, and primary metabolite analyses in evergreen huckleberry - Miriam Fenniri, Vancouver, BC, Canada
Berry Composition and Quality	
39	Improving the fruit quality of 'Brightwell' blueberry under rain-shelter by MeJA pre-harvest spraying - Hong Yu, Jiangsu Province & Chinese Academy of Sci., Zhongshanmen Wai, Nanjing Jiangsu, China
40	Blueberry bruise detection relative to fruit firmness - Penelope Perkins-Veazie, NC Research Campus, Kannapolis, NC, United States of America
41	Determination of Organic Acids in Vaccinium spp. Using Ultra-high Performance Liquid Chromatography Coupled to Diode Array Detection (UHPLC-DAD) - Konrad Wysocki, Rutgers University, Department of Plant Biology, New Brunswick, United States of America
42	Enhancing cranberry fruit rot management: the S.A.M.E. initiative - Leslie Holland, University of Wisconsin-Madison, Madison, WI, United States of America
43	The effect of postharvest storage on fruit flavor of southern highbush and rabbiteye blueberry types - Rachel Itle, Department of Horticulture, University of Georgia, United States of America
44	Impact of foliar applications of kelp extracts and phosphites on northern highbush blueberry fruit quality - Eric Gerbrandt, Chilliwack BC, Canada
45	Enhancing the Biochemical and Volatile Composition of Blueberries During Shelf Life - Nesibe Ebru Kafkas, Department of Horticulture , Faculty of Agriculture, Adana Balcali, Turkey

46	Multiple regression analysis of factors affecting fruit ripening characters in blueberries - Takuya Ban, Tokyo University of Agriculture and Technology, Tokyo, Japan
47	Determination of fruit quality characteristics in southern highbush blueberry (<i>Vaccinium corymbosum</i>) production in Türkiye - Salih Kafkas
Pest Management	
48	Assessment of the effect and impact of disease control products on the health of wild blueberry plants - Oladimeji Popoola, Nova Scotia, Canada
49	Bacterial leaf scorch of blueberry in Georgia (U.S.A.): Assessing virulence differences between genetically distinct <i>Xylella fastidiosa</i> isolates from blueberry and differences in blueberry cultivar susceptibility in the greenhouse - Jonathan Oliver, Tifton GA, United States of America
50	Asynchronous Ripening in Highbush Blueberries: Effect of Harvest Window Dynamics and Fruit Position within the Cluster - Claudia Moggia, Universidad de Talca, Talca, Chile
51	A seasonal quantitative analysis of cranberry false blossom phytoplasma in Wisconsin marshes - Leslie Holland, University of Wisconsin-Madison, Madison, WI, United States of America
52	Genetic, phenotypic diversity and susceptibility to fungicides of <i>Botrytis cinerea</i> Pers. isolates from blueberry (<i>Vaccinium corymbosum</i>) producing regions in Peru - Liliana Aragón, Av La Molina, Lima, Peru
53	Spread of blueberry scorch virus in commercial highbush blueberry fields in British Columbia - Carolyn Teasdale, Abbotsford, BC, Canada
54	The molecular detection of <i>Sphaerulina vaccinii</i> , a fungal leaf spot pathogen of lowbush blueberry - Zoe Colwell, School of Biology and Ecology, University of Maine, United States of America
55	Effects of ozone fumigation on the control of postharvest diseases of blueberries - S. Saito and C. I. Xiao, USDA, Agricultural Research Service, San Joaquin Valley Agricultural Sciences Center, California, United States of America
56	Assessing and addressing human pathogen prevalence on fresh wild blueberry fruits - Jennifer Perry, University of Maine, Orono, ME, United States of America
57	Movement and cultural management of cranberry fruit rot pathogens in propagative cuttings - Leslie Holland, Department of Plant Pathology, University of Wisconsin, United States of America
Genetics and Phenomics	

58	Transcriptome analysis uncovered fruit wax biosynthesis regulatory genes in highbush blueberry (<i>Vaccinium corymbosum</i> L.) - Stanislaw Pluta, National Institute of Horticultural Research, Poland
59	Enhancing blueberry regeneration by genome editing - Felicia Shepard, Department of Horticultural Sciences, Raleigh NC, United States of America
60	Confirming identity of blueberry cultivars with a microsatellite marker-based fingerprinting set - Nahla V. Bassil, Plant Geneticist, National Clone Germplasm Repository, Corvallis, Oregon, United States of America
61	Genetic diversity, population structure and phenotypic variation of a collection of wild and cultivated cranberries - Maria Alejandra Torres Meraz, Dept. of Plant and Agroecosystem Sciences, University of Wisconsin-Madison, United States of America
62	Genetic mapping of fitness and adaptation traits in an interspecific cranberry (<i>V. macrocarpon</i> x <i>V. oxycoccus</i>) F2 population - Jeffrey Neyhart, Chatsworth New Jersey, United States of America
63	Overview of single nucleotide polymorphism markers in blueberry and their uses - Nahla V. Bassil, National Clone Germplasm Repository, Corvallis, Oregon, United States of America
64	Nuclear DNA content and ploidy of wild-collected true blueberry species (<i>Vaccinium</i> section <i>Cyanococcus</i>) - Jennifer Myers, Raleigh North Carolina, United States of America
Production Systems	
65	Advances in regeneration systems in highbush blueberries - Felicia Shepard, Department of Horticultural Sciences, Raleigh NC, United States of America
66	The chemical ecology of <i>Vaccinium myrtillus</i> contrasted in near-natural and clearcut Norwegian forests - Norwegian University of Life Sciences, Norway
67	The chemical ecology of <i>Vaccinium myrtillus</i> contrasted in near-natural and clearcut Norwegian forests - George N. Furey, Norwegian University of Life Sciences, Norway
68	Pruned or Unpruned: That is the Question - Lara Giongo, Fondazione Edmund Mach via E. Mach,1, San Michele all'Adige, Italy
69	The CANberries project : Renewable energy for year-round Canadian berries - Mirella Aoun, Bishop's University, Sherbrooke, Canada