

**International Spinach Conference
Murcia, Spain
February 14-15, 2018**

The follow is a tentative list of speakers and presentations for the International Spinach Conference in Murcia, Spain

Overview of spinach seed production and challenges

Spinach production in the Pacific Northwest

Lindsey DuToit, Washington State University, Mt. Vernon, WA

Spinach seed production in Denmark.

To be determined

Spinach seed production in New Zealand.

Jay Schafer, Schafer Ag Services

Can French Coastal areas be a new solution for spinach seed production?

Anthony Gorin, Haden Seeds

Spinach production

Spinach production in the European Union.

Jan DeVisser, Pop Vriend Seed

The spinach industry in the Western U. S.

Mary Zischke, California Leafy Greens Research Board

Organic Spinach Production in the US, Perspective from an Organic Grower / Shipper.

Ramy Colfer, Earthbound Farm DanoneWave

California Seed Association's Organic Spinach Committee's Support of the Organic Spinach Community.

Dale Krolikowski and Donna Boggs, Germain Seed and California Seed Association

Water challenges in vegetable production in California.

Amy White, Two Girls Ranch

Breeding / Molecular Efforts

Developing a new spinach breeding program for California.

E. Charles Brummer, Allen Van Deynze, Juliana Osorio-Marin, Rachel Greenhut, Steve Klosterman, Steve Koike, Richard Smith

Genetic diversity, genome-wide association study and genomic selection in spinach.

Ainong Shi, Jun Qin, Yuejin Weng, Jim Correll, Chunda Feng, Gehendra Bhattarai, Waltram Ravelombola, Bazgha Zia, Wei Zhou, and Beiquan Mou. University of Arkansas, Fayetteville, AR USDA-ARS, Salinas, CA

Spinach genome and its transcriptome variation provide insights into evolution, domestication and important nutrient traits.

Zhangjun Fei, Cornell University

Molecular markers for spinach sex determination gene

Chunda Feng, Bo Liu, Braham Dhillon, Maria Isabel Villarroel-Zeballos, Burt Bluhm, Ainong Shi, James Correll. University of Arkansas, Fayetteville, AR

A reference genome sequence for *P. effusa*: towards the molecular dissection of race specificity.

Burt Bluhm, Chunda Feng, Jim Correll. University of Arkansas, Fayetteville, AR

Downy mildew

Overview of downy mildew disease resistance and race diversity.

Jim Correll and Chunda Feng, University of Arkansas, Fayetteville, AR

Whole genome variation in 2016 field populations of spinach downy mildew

Kurt Lamour, Sandesh Shrestha, Bo Liu, Chunda Feng, and Jim Correll

Oospore production, viability, and incidence on spinach seed.

Shyam Kandel, Beiquan Mou, Sridhara G. Kunjeti, Krishna V. Subbarao, Steven J. Klosterman, USDA/ARS, Salinas, CA.

Seed health protocol development for spinach downy mildew.

Sierra L. Hartney and Philip Brown. Sakata Seed America, Mount Vernon WA

Evaluation of oospores on spinach seed.

Bo Liu, Chunda Feng, Jim Correll, University of Arkansas, Fayetteville, AR

Diseases and pests of spinach

Characterization of spinach leaf spot pathogens and fungicide efficacy

Liu, B., Feng, C., Cochran, K., Stein, L., DuToit, L. J., and Correll, J. C., University of Arkansas, Fayetteville, AR, and Texas A&M University.

Determining the genetic basis of pathogenicity of *Fusarium oxysporum* f. sp. *spinaciae* on spinach. Alex Batson, Tobin Peever, and Lindsey du Toit, Washington State University.

Soilborne disease management in Australia.

Len Tesoriero

Rhizoctonia: seedling disease or web blight in Texas spinach?

Cochran, K.A., Spurlock, T.N., Stein, L., and Drury, D., Texas A&M

Development of a spinach white rust management strategy in Texas

Larry A. Stein, Texas A&M

White rust: beyond borders.

Jim Correll, Chunda Feng, Ainong Shi, University of Arkansas, Fayetteville, AR

Tissue culture approaches for spinach research on disease resistance.

Maria Isabel Villarroel-Zeballos, Braham Deep Singh Dhillon, Chunda Feng, Jim Correll, University of Arkansas, Fayetteville, AR

Spinach genome sequence overview including NIL1 and candidate resistance genes

Braham Deep Singh Dhillon, Chunda Feng, Ainong Shi, Quighua Pan, and Jim Correll, University of Arkansas, Fayetteville, AR

Evaluation of natamycin seed treatments for *Stemphylium botryosum* and other necrotrophic fungi on spinach seed. Lindsey J. du Toit and Michael L. Derie, Washington State University.

PurGrow: a novel methodology for cleaning seed and managing diseases.

Chunda Feng and Jim Correll, University of Arkansas, Fayetteville, AR

Subterranean collembola, a challenging pest of spinach seed production.

Beverly Gerdeman, G. Hollis Spitler, and Lynell Tanigoshi. University of Washington, Mt. Vernon, WA

Food safety strategies for preventing the contamination of spinach with foodborne pathogens-A Texas and global approach

Marcel Valdez, Texas A&M