

AGRONOMY AND HORTICULTURE FALL 2017 SEMINAR SERIES

SEPT
15

Responses of sorghum and wheat modified for increased usability to pathogens

DEANNA FUNNELL-HARRIS – Research Plant Pathologist, Wheat, Sorghum and Forage Research Unit, USDA-ARS; Adjunct Associate Professor, Plant Pathology, University of Nebraska-Lincoln

SEPT
29

Harnessing components of the root microbiome for integrated management of soilborne plant diseases

TONY ADESEMOYE – Assistant Professor and Disease Management Specialist, Plant Pathology, University of Nebraska-Lincoln, West Central Research and Extension Center, North Platte

OCT
6

Fixing the soybean nitrogen credit: Is cropping systems diversity always good?

MICHAEL CASTELLANO – Frankenberger Professor of Soil Science, Agronomy, Iowa State University

OCT
20

Serendipitous applied agronomy: Extension and research in the blender (and some philosophy)

ROGER ELMORE – Professor and Extension Cropping Systems Agronomist, Agronomy and Horticulture, University of Nebraska-Lincoln

OCT
27

How and why does the season and frequency of burning affect plant biomass production?

TIMOTHY DICKSON – Assistant Professor, Biology, University of Nebraska Omaha

NOV
3

Assembling soil microbiomes that modify plant traits

JENNY KAO-KNIFFIN – Assistant Professor, Horticulture, Cornell University

NOV
10

Integrating genomics and bioinformatics in the wheat breeding program for the development of superior cultivars

VIKAS BELAMKAR – Research Assistant Professor, Agronomy and Horticulture, University of Nebraska-Lincoln

NOV
17

Changing cell walls to improve sorghum for bioenergy and forage uses

SCOTT SATTLER – Research Molecular Biologist, USDA-ARS; Adjunct Associate Professor, Agronomy and Horticulture, University of Nebraska-Lincoln

THANKSGIVING BREAK

DEC
1

Switchgrass metabolism

GAUTAM SARATH – Research Molecular Biologist, Wheat, Sorghum and Forage Research Unit, USDA-ARS; Adjunct Professor, Agronomy and Horticulture, University of Nebraska-Lincoln

DEC
8

Leveraging genomics, genetics and breeding to understand crop adaptation to nutrient stress

JAMIE O'ROURKE – Research Geneticist, USDA-ARS; Collaborator, Agronomy, Iowa State University

Seminars begin at 3:30 pm in 150 Keim Hall, Nebraska East Campus, with refreshments served at 3 pm. Live streaming at connect.unl.edu/FridaySeminarSeries.



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Institute of Agriculture and Natural Resources

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