

# Crop and Soil Science Graduate Student Association

NC STATE UNIVERSITY

CROP AND SOIL SCIENCES

## Wernsman Crop Science Lecture

Spring 2022

Wednesday, March 9 at 3:30 PM

### Dr. Maria Salas Fernandez

Presenting

## ***“Genomic and Phenomic-Based Strategies to Develop an Optimized Sorghum Canopy”***



#### **Dr. Maria Salas Fernandez**

Associate Professor

Department of Agronomy, Iowa State University

Dr. Maria Salas Fernandez is an Associate Professor in the Department of Agronomy at Iowa State University (ISU). She received a B.S. in Agricultural Production Engineering from the Argentine Catholic University, an M.S. in Plant Physiology from Texas A&M University, and a Ph.D. in Plant Breeding and Genetics from Cornell University. Before her appointment in the academy, she worked in the

private sector in Argentina, at the R&D Department of American Cyanamid Company, and as a sorghum breeder at Nidera SA.

She initiated and leads the sorghum field breeding program at ISU to develop germplasm for forage and biofuel production adapted to the Midwest. Her research program is also focused on the use of genomics and high-throughput phenotyping technology to identify genetic mechanisms controlling traits such as plant architecture, photosynthesis, photoprotection and cold tolerance at germination.

#### **Seminar will be streamed via Zoom**

Use this go link - <https://go.ncsu.edu/wernsman22>

For Questions, please contact Eric Butoto, Vice-President of the Crop and Soil Sciences Graduate Student Association – [ebutoto@ncsu.edu](mailto:ebutoto@ncsu.edu)