

Second International Workshop on Kernza physiology

February 20th, 2024

University of Wisconsin-Madison and ISARA-Lyon

Zoom: <https://inrae-fr.zoom.us/j/3303638566?omn=94226546095>

ID de réunion : 330 363 8566

Project presentations

9am-12pm, Microbial Sciences building 6201

- 9:00 - 9:45 am - Doug Cattani, University of Manitoba, Canada: "Understanding Flowering in Temperate Herbaceous Perennials: The Key to Unlock Perennial Grain Production?"
- 9:45 -10:15 - Christelle Ginot, ISARA-Lyon et INRAE, France: "Effects of planting density and light on tillering dynamics of *Thinopyrum intermedium*: combination of agronomic and ecophysiological approaches"
- 10:15-10:45 coffee break
- 10:45-11:00 Mauricio Tejera, Michigan State University: "The physiology of aging in perennial grasses: implications for carbon allocation and yield."
- 11:00-11:15 – Natasha Djuric, Cornell University: "Higher seeding rates and stand renovation to optimize Kernza yields in organic production"
- 11:15-11:30 – Priscila Pinto, University of Wisconsin-Madison: "Kernza-legume intercropping: opportunities for grazing and grain production"
- 11.30-11.40 – Erica Shoenberger, University of Wisconsin-Madison: "Nitrogen and thinning to maintain Kernza yields over time"
- 11:40-11:50 - Korede Olugbenle, University of Wisconsin-Madison: "Effects of plant density and row spacing on yield, yield components and tillering."
- 11:50-12:05 – Jason Hickman, University of Minnesota: "Nitrate Leaching and Grain Yield Decline in Intermediate Wheatgrass"



Lunch break

12:05-1:30pm

Discussions

1:30pm - 4:00pm, Moore Hall 462

- Effects of disturbances on tiller and root production
- Effects of environmental factor on resource acquisition vs. resource allocation
- All questions and topics welcome!
- Future collaborations