

UC Dry Bean Field Day

Tuesday, August 15, 2023

9:30am – 11:30am

UC Davis, [Bee Biology Road \(38.537080, -121.787661\)](#), Davis, CA

Agenda

- 9:30am Sign-in, welcome, and introductions
Christine Diepenbrock and Antonia Palkovic, UC Davis
Michelle Leinfelder-Miles, UC Cooperative Extension
- 9:35am How can we further improve lima bean? A project funded by the USDA to improve breeding resources
Paul Gepts, UC Davis
- 9:50am Walk through and discussion of lima breeding material
Antonia Palkovic and Christine Diepenbrock, UC Davis
- 10:00am Field diagnostics – bean pest identification and management
Sarah Light, Michelle Leinfelder-Miles, Nick Clark, UC Cooperative Extension
- 10:30am Travel to Veg Crops [location](#) (38.534222, -121.782222)
- 10:35am Blackeye varietal improvement: update on new pest-resistant varieties
Bao-Lam Huynh, UC Riverside
- 10:55am Results from round one of “speed breeding”, and testing nutritional alongside agronomic traits in limas
Christine Diepenbrock, UC Davis
- 11:00am From farm to (robot) stomach: what are the trait profiles of California beans after harvest?
Tayah Bolt, UC Davis
- 11:05am Screening for drought resilience in common and tepary beans
Matthew Gilbert, Tom Buckley, Troy Magney, Paul Gepts, Chris Wong, Antonia Palkovic, Travis Parker, UC Davis
- 11:20am Evaluating productivity and quality of cowpea and interspecific common/teparry bean in Davis and Parlier (contrasting temperatures)
Sassoum Lo, Jonny Berlinger, UC Davis
- 11:25am Developing low-cost phone apps/drone and rover platforms to measure agronomic traits
Earl Ranario, Heesup Yun, Vivian Vuong, UC Davis
- 11:30am Discussion and evaluation

DPR continuing education credits approved (1.0). CCA credits approved (1.0 PM, 1.0 CM)

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