



Welcome to HEAR@CSU, a workshop on Herbicide Efficacy, Action and Resistance

This workshop is specially designed for those who need a refresher on how herbicides work. Lectures include all mechanisms of action, how they are used, how they work and how plants have evolved resistance. Other topics include herbicide interactions with plants and soil, crop injury, and non-performance. This workshop will be held August 3-6 on the beautiful campus of Colorado State University in Fort Collins CO.

Website: <https://conferencereg.colostate.edu/HEAR2020>
Contact: Franck Dayan at franck.dayan@colostate.edu

Monday

Morning

- Herbicide-plant interactions
- Herbicide-soil interactions
- ALS inhibitors
- PPO inhibitors

Afternoon

- ACCase inhibitors
- VLCFAE inhibitors
- Transgenic crops

Tuesday

Morning

- Glyphosate
- Glufosinate
- Synthetic auxins
- Mitosis inhibitors

Afternoon

- Managing resistance
- PSI and PSII inhibitors
- Bleaching herbicides

Wednesday

Morning

- Safeners and adjuvants
- Crop injury
- Herbicide non-performance

Afternoon

- Field trip

Thursday

Morning

- Cellulose inhibitors
- Aquatic weeds
- Novel target sites
- Summary

Speakers



Franck Dayan

Colorado State University



Todd Gaines

Colorado State University



Mithila Jugulam

Kansas State University



Scott Nissen

Colorado State University



Christy Sprague

Colorado State University

