Water Management & Systems Research Unit
Field Day 2024
Theme: On-Farm Options to Handle Water Shortages



Where: **USDA-ARS Limited Irrigation Research Farm (LIRF)**
30900 Weld County Rd 45, Greeley, CO (SE corner, CR45 & CR64)

When: **Wednesday, August 7, 8:30 am – 2:30 pm**

Thanks to our sponsors:
COLORADO CORN COUNCIL
Northern Water

LIRF Onsite Collaborators:
- Northern Water
- Colorado State University
- Other ARS Units/Scientists

Agenda:

- **8:30 am – Coffee & donuts**
  provided by Colorado Corn Council
- **8:30 am** (ongoing) **– Posters & discussion with researchers**
- **9:00 am – Field tours & demonstrations** (6 stops)
  Topics include: ● irrigation scheduling ● remote sensing of crop water use ● monitoring of applied water ● impacts of drought severity on crops ● plant traits for drought tolerant hybrids of the future ● farm-scale optimization
- **11:00 am – Indoor talks**
  (5 lightening talks)
  Topics include: ● climate projection & COAgMet network ● drought readiness & decision making ● S. Platte River salinity ● water allocations & ditch sources ● breeding for future crop hybrids
- **12:15 pm – Lunch @ LIRF** – ***BBQ!***
  provided by Northern Water
- **1:30 pm – Round Table** *NRCS CEAP Discussion (Conservation Effects Assessment Project)*
- **2:30 pm – Wrap up**

USDA-ARS Stakeholders and Partners

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