ARDEC Facility Update

- New concrete ARDEC Shop and Foundation Seed building
- LED lighting upgrade
 - ❖ ARDEC Conference Center (complete) & ARDEC Headquarters (in process)
- 63 livestock water tanks feedlot, sheep unit and irrigated grazing pivot
- New domestic water pump station increase water pressure to ARDEC Conference Center & efficiency upgrade to fixtures
- Kerbel irrigation well new, buried culverts under railroad tracks and access road (in process)
- Small, but esteemed improvements....
 - Water bottle filler station at ARDEC south
 - ARDEC Headquarters restroom flooring
 - Parking and signage











ARDEC Staff

12 Full-Time Employees, 365 day/year operation

- Jennifer Bornhoft, Operations Manager and Fiscal Officer
- ❖ Brenda Williams, Office and Event/Tour Coordinator
- ❖ Tyler Johnson, Equipment Mechanic for all operations

ARDEC Plant Science Operations

- * Karl Whitman, Manager of ARDEC Plant Science Operations
 - ❖ William Folsom, Manager of ARDEC south facility
 - ❖ Mark Collins, Gabe Whitman, J.R. Herman and Paul Nielsen

ARDEC Livestock Operations

- ❖ Dave Schafer, Manager of ARDEC Animal Science Operations
 - Christina Nash and Harry Clark

ARDEC employs 12-15 hourly positions year-round in plant, livestock and grounds maintenance operations, in addition to volunteers and interns.



ARDEC- Plant Science Update

2018- The year of destructive hailstorms!!

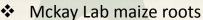












 C-band precipitation radar installed, with quantitative rainfall estimation & severe weather monitoring at ARDEC South

Foundation seed wheat & the CoAXium wheat increases

- CDA Hemp Trial
- Continued USDA collaboration and new potential research work





Hosting Ag Adventure with 2,000 3rd graders



COLLEGE OF AGRICULTURAL SCIENCES



Equipment Repairs & Upgrades

ARDEC Livestock Update

- Resident Teaching Herds
 - ❖ 120 Cows (61 AN, 54 HP, 5 XB)
 - Completed first full summer on pivot
 - ❖ Bull Sale Feb. 16, 2019
 - ❖ 33 Bulls & 13 Bred Females
 - Bulls spent summer in Hesperus
 - Sheep (36 XB Ewes)
 - 21 Ewes to lamb in February
 - 15 Ewes to lamb in October
- Research Programs Most Recent
 - Water Quality Project Engle
 - Bird Resistant Diets Wagner
- Teaching & Tours
 - Provide livestock & hands-on learning opportunities to 18 different Animal Science Classes/Labs & VTH Students
 - Provide ~3 tours/month to prospective students & commodity groups











