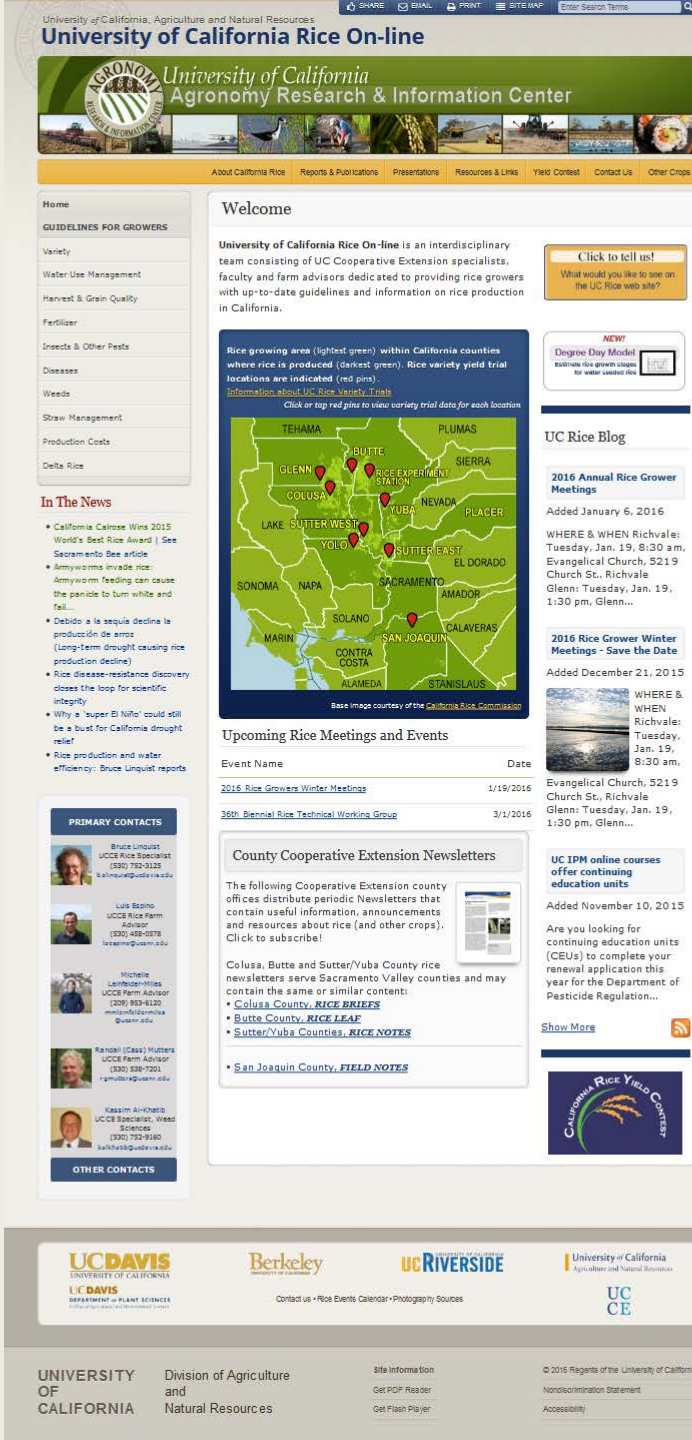
2019 Year in Review and Yield Contest

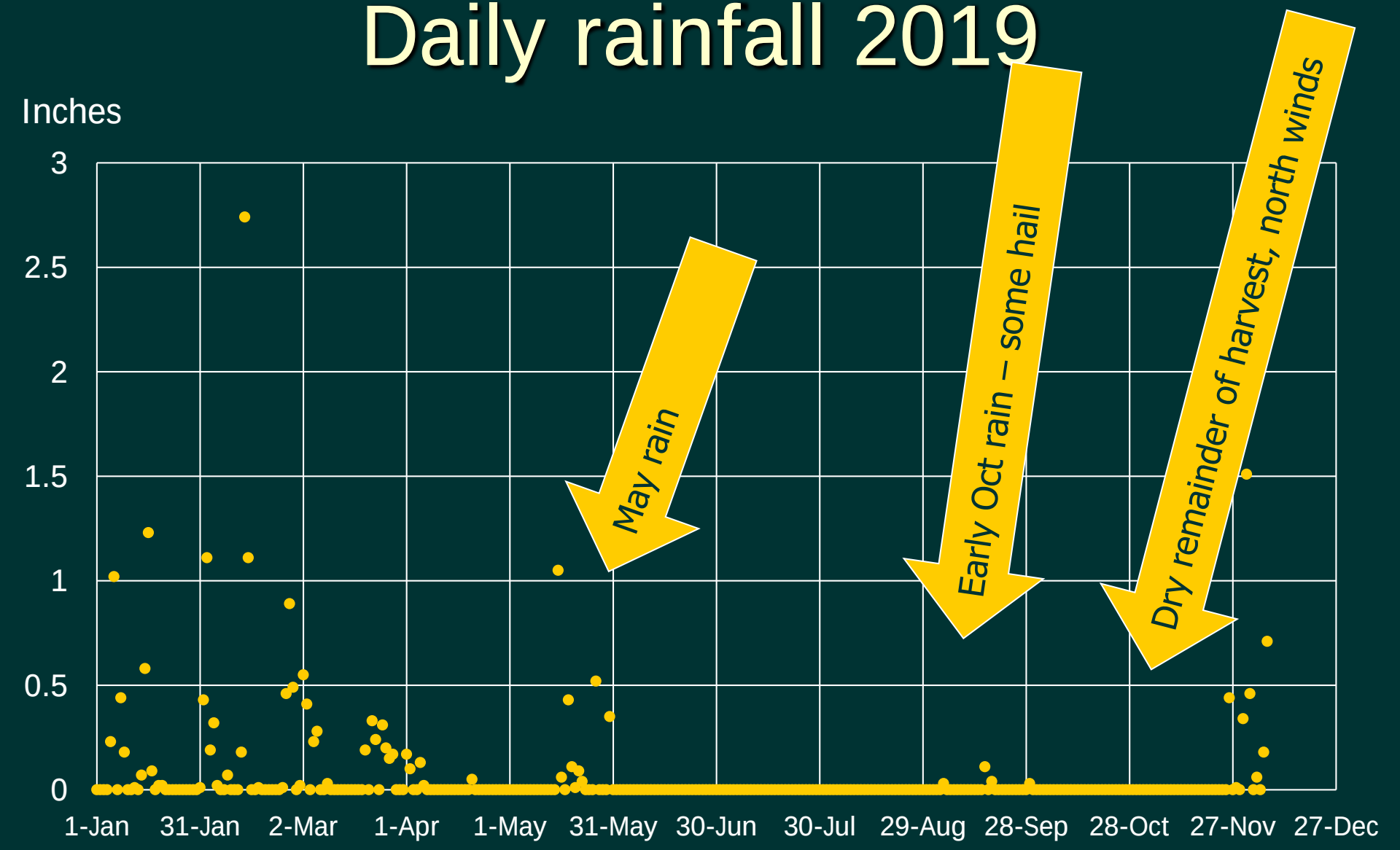
Bruce Linquist

January 13, 14 and 15, 2020

UCDAVIS
DEPARTMENT OF PLANT SCIENCES
College of Agricultural and Environmental Sciences

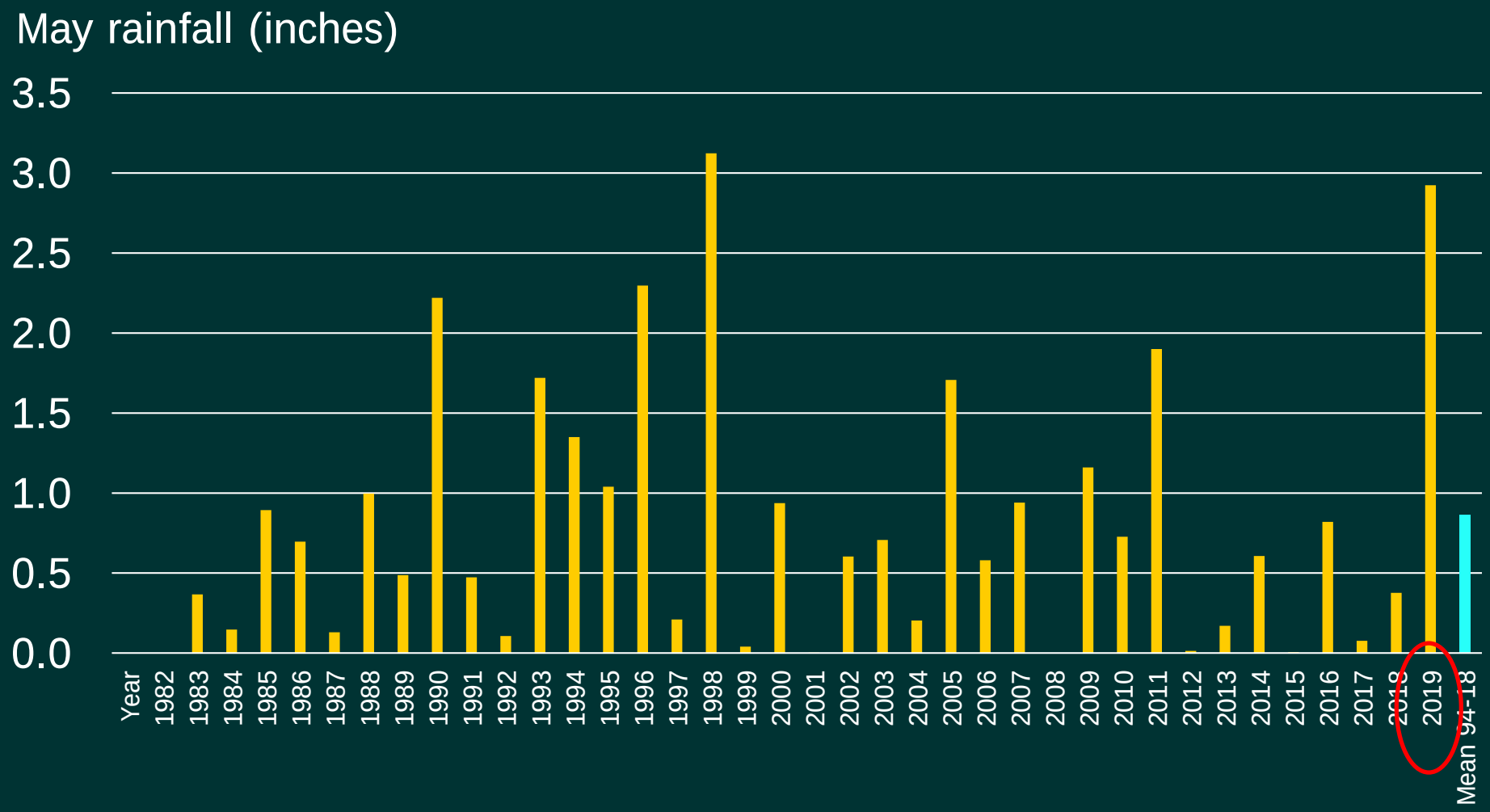


Daily rainfall 2019



May Rainfall

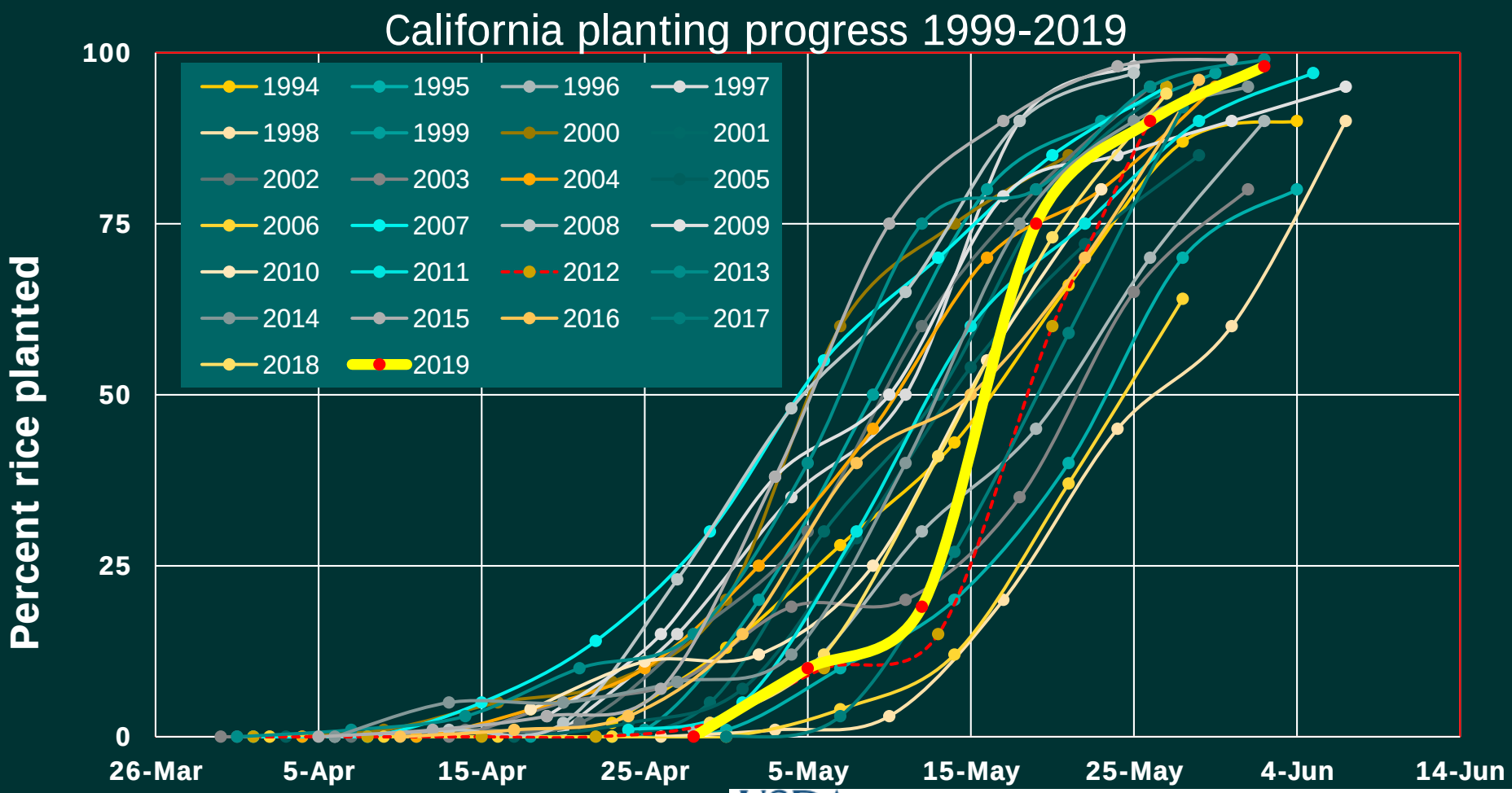
(mean of CIMIS stations: Davis, Colusa and Durham)



Planting Progress:

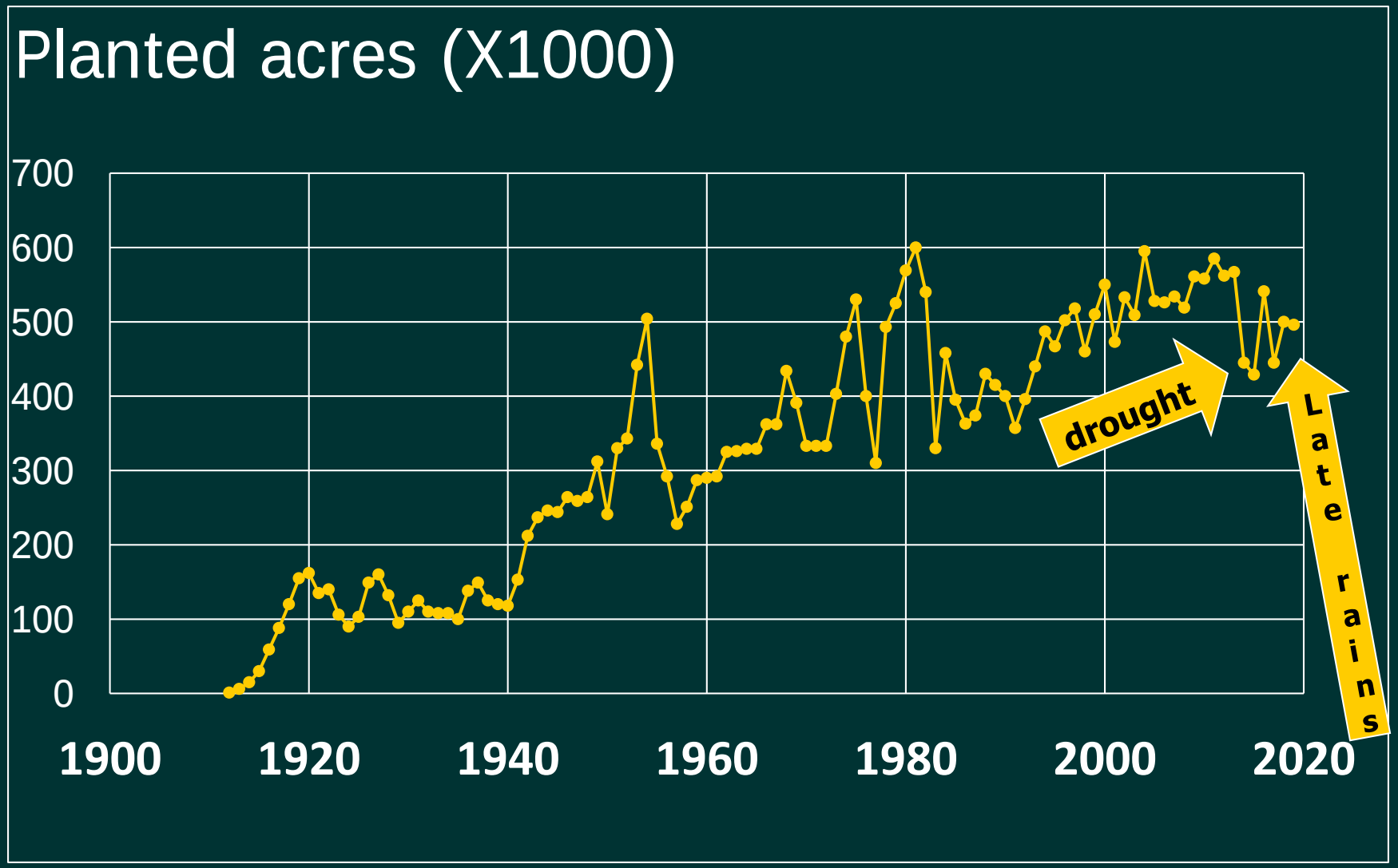
2019 50% on May 16

BUT about 60% planted in one week



USDA United States Department of Agriculture
Economics, Statistics and Market Information System

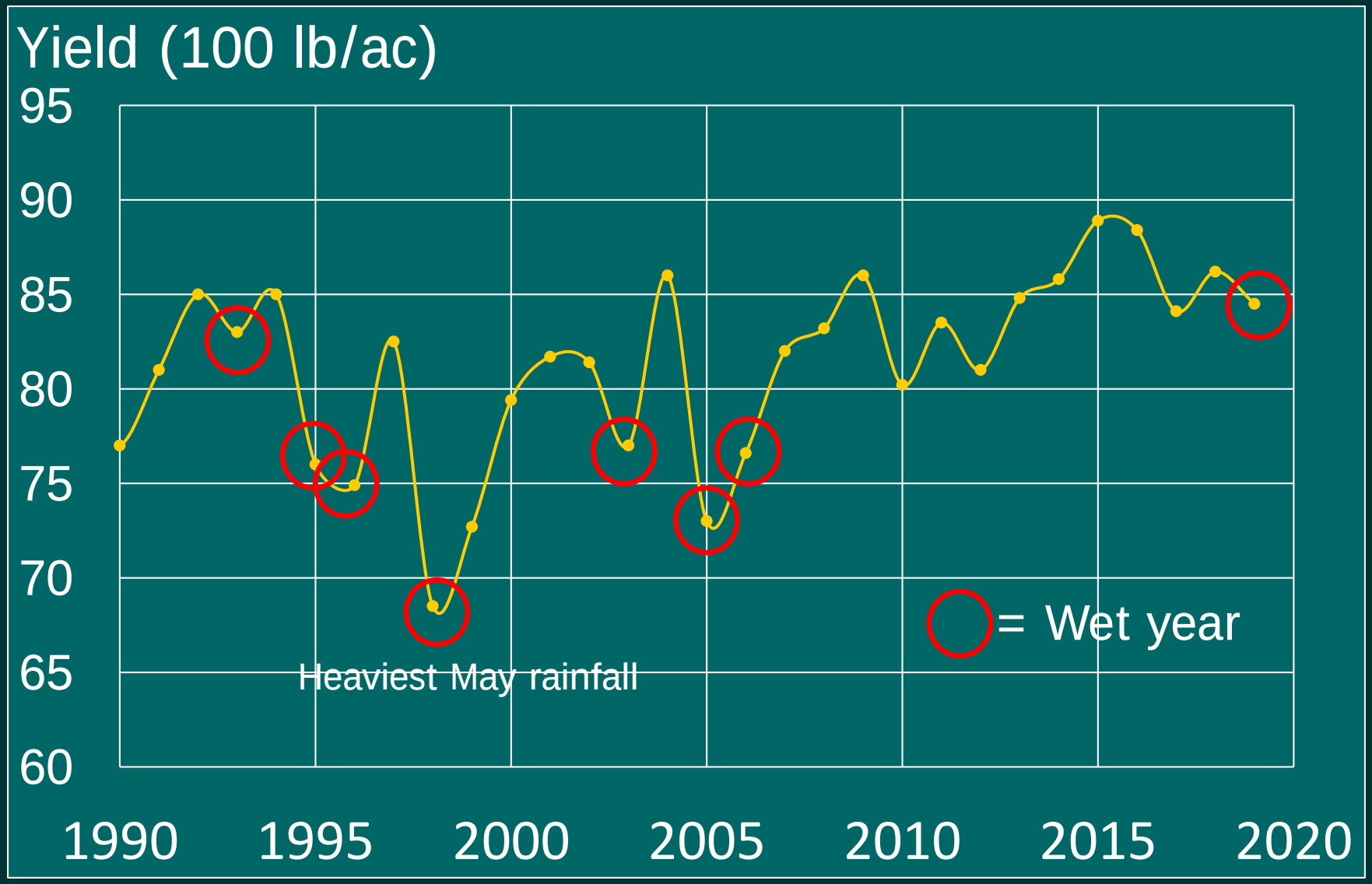
Planted acres



2019 Season Summary

- Wet May
  - Late and messy planting
  - Stand establishment, algae, weeds and nutrient mgt.
- Favorable growing season
- Long/dry harvest season
  - Early hail affected some areas
- Blast a problem in Glenn; little smut
- Armyworm similar pressure to 2018
- Yields
  - Lower yields most locations
  - Good yields in NW area (Glenn/Colusa county)
- State wide yields down from last year

CA rice yields 1990-2019



Yield Contest: Sponsors

CALIFORNIA RICE YIELD CONTEST 2019

University of California
Agriculture and Natural Resources

UCDAVIS
UNIVERSITY OF CALIFORNIA

2019 UCCE Yield Contest Sponsors

CORTEVA agriscience

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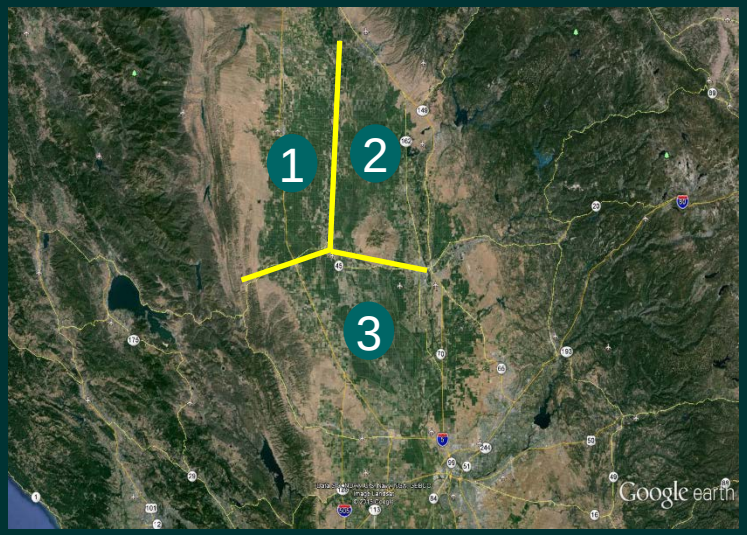
VALENT

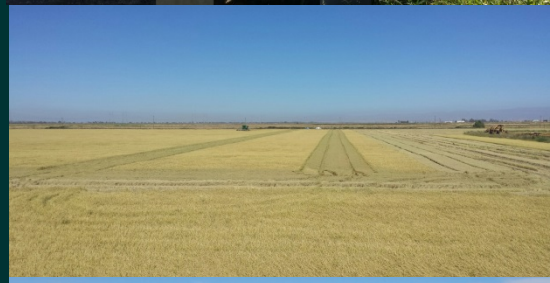
WILBUR-ELLIS

VALLEY TRUCK & TRACTOR CO.

Yield Contest

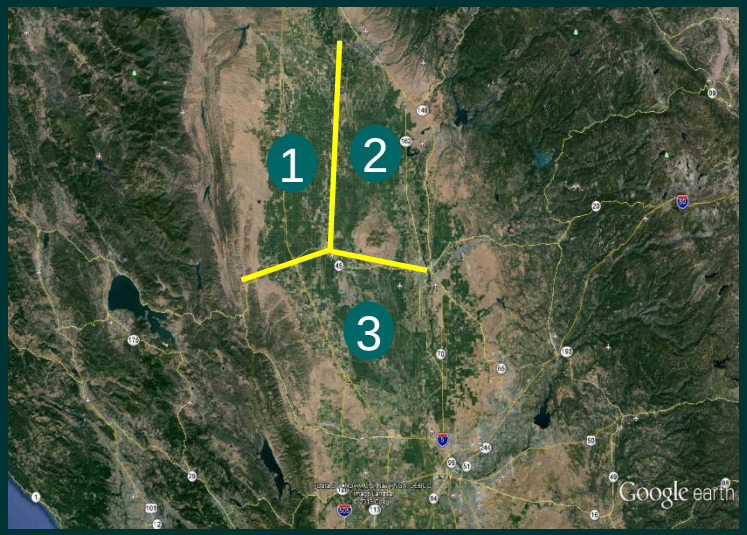
- Minimum of 3 ac (most are 4-5 ac)
- Yield:
  - 14% moisture with dockage removed
- 3 regions
- 2015-2018:
  - Yields ranged from 92 to 135 cwt

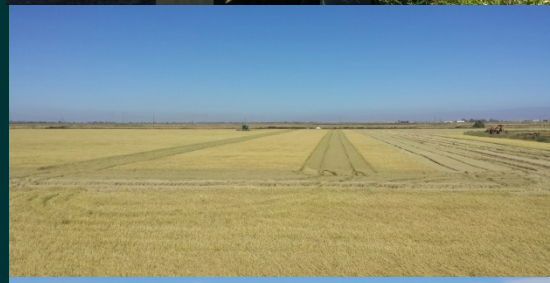




Yield Contest

- NW yields: 107.4 – 118.8 cwt/ac
- NE yields: 95.8 – 113.8 cwt/ac
- S yields: 91.9 – 119.2 cwt/ac





Yield Contest

- 2019: Yields from 92 to 135 cwt
  - NW: 117.8 (261 bu) M-209
  - NE: 113.8 (256 bu) M-105
  - S: 119.2 (265 bu) M-209

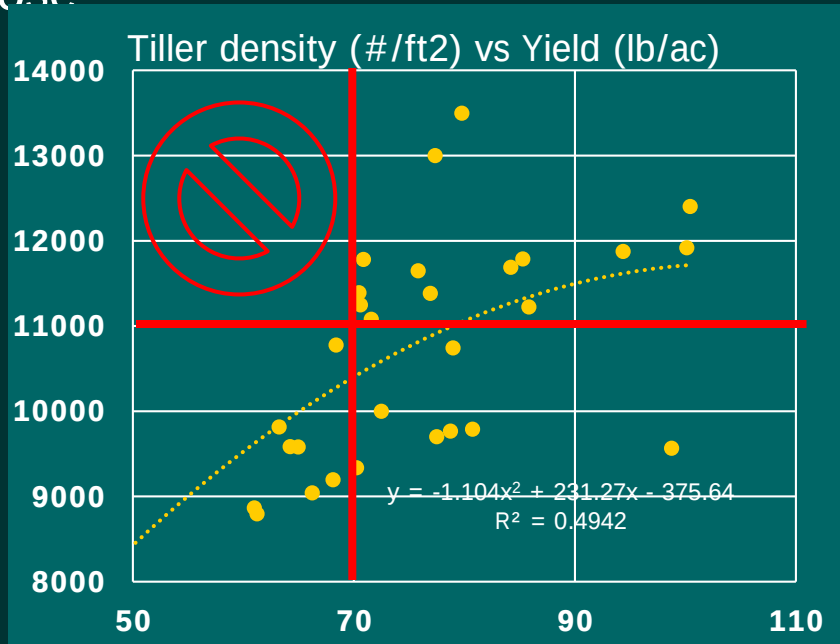
Gary Enos

Jack Sheppard

Greg Driver

Yield Contest: Lessons

- Many small hammers
  - Land prep to harvest
  - Paying attention to detail
  - Each “hammer” only make 1-5 cwt difference
  - Add them all up = big difference
- Variety
  - All have good yield potential but choose wisely for your location
- Early planting better but not at expense of good land preparation
- More inputs are NOT better
  - Winners: 160-180 lb N/ac
  - Fewer herbicide applications
- Stand establishment



Thank you