



University of California

Agriculture and Natural Resources | Cooperative Extension

Barley and Wheat County Field Tour 2018 Tuesday, May 8th 8 a.m.-12:30p.m. Capay-Yolo-Davis

7:45 a.m. Coffee and Donuts
8:00 a.m. Site 1: **Malting Barley Nitrogen Trials**,
Mark Lundy, Cooperative Extension Specialist, UC Davis
Taylor Nelsen, Graduate Student in Department of Plant Sciences, UC Davis
Bob Schaupp's Farm: County Road 14 and County Road 85, Capay, CA

-UC Tahoe and LCS Genie are being grown under conditions that vary in terms of the rate and timing of N fertilizer application. This is one of a multi-location, multi-year experiment to determine the degree to which the yield and quality of malt barley grown in California can be influenced by N fertilizer management and to assess to what degree site-specific measurement tools can improve the precision of in-season N management in California small grain crops.

8:40 a.m. Depart for Site 2.
9:00 a.m. Site 2: **Malting Barley and Baking Wheat Field-Scale Variety Trials**
Konrad Mathesius, UCCE Agronomy Advisor, Yolo, Sacramento, and Solano
Bob Adams' Farm: 36607 County Road 14, Yolo, CA

-Five varieties of malting barley and 7 varieties of baking wheat are being grown at field scale. Field trials will monitor disease, lodging, and yield at scale. Harvested grain will be used to quantify the production and quality differences of these varieties through brewing and baking trials with industry representatives.

9:50 a.m. Depart for Site 3
10:30 a.m. Site 3: **Organic Small Grain Variety Trial**
Mark Lundy, Cooperative Extension Specialist, UC Davis
Russell Ranch Sustainable Ag Research Facility: Kinsella Lane, Davis, CA

-The small grain variety trial at Russell Ranch is being grown under organic conditions (excepting pre-plant seed treatment). The trial contains 22 common wheat, 10 barley, and 2 durum wheat varieties. Nearly all varieties in this trial have been released and 9 are considered to be heritage varieties. The common wheat entries are comprised of both hard and soft wheat varieties. The barley varieties are primarily malting varieties.

11:15 a.m. Depart for Site 4
11:30 a.m. Site 4: **Organic Wheat and Barley Breeding Trial at UC Davis Student Farm**
Allison Krill-Brown, Plant Breeding Researcher, UC Davis

- The Organic Small Grain Breeding Trial is being grown on certified organic land in order to evaluate, identify and select material for breeding new populations for organic systems. It contains 35 wheat, 3 triticale and 8 barley varieties. Many of the wheat varieties are advanced lines from the Dubcovsky breeding program, but also include the heritage lines that are in the Russell Ranch Trials. The barley lines include malting and naked (food) varieties.

12:30 p.m. Adjourn