



2018-19 Vegetable Crops Program Team Meeting

November 26-27, 2018 • UC ANR Building
2801 Second Street, Davis, CA 95618

FINAL Agenda (11/16/2018)

Monday, November 26, 2018—DAY 1

12:00-1:00 PM Lunch

1:00-2:05 ■ **Introduction of new personnel**—10 min. each (moderator: Steve Fennimore)

- 1:05 **Zheng Wang**, Vegetable Crops and Irrigation Advisor, UCCE Stanislaus-Merced-San Joaquin
1:15 **Anthony Fulford**, Area Nutrient Management & Soil Quality Advisor, UCCE Stanislaus-Merced-San Joaquin
1:25 **Jaspreet Sidhu**, Vegetable Crops Advisor, UCCE Kern
1:35 **Ian Grettenberg**, Field and Vegetable Crops IPM Specialist, UC Davis, Entomology
1:45 **Lucy Diekmann**, Urban Agriculture and Food Systems Advisor, UCCE Santa Clara-San Mateo
1:55 **Mark Lagrimini**, UC ANR Vice Provost of Research and Extension

2:05-3:40 ■ **Research updates**—20 min. each (moderator: Steve Fennimore)

- 2:05 Breeding for food safety—*Maeli Melotto, UCD Plant Sciences*
2:25 Processing tomato life cycle assessment—*Sonja Brodt, UC ANR Sustainable Agriculture Research & Education Program*
2:45 South Coast vegetable issues—*Oleg Daugovish, UCCE Ventura*
3:05 Research on challenges in Central Valley melon production—*Tom Turini, UCCE Fresno*

3:25-3:40 Break

3:40-5:20 ■ **Pest management**—20 min. each (moderator: Alex Putman)

- 3:40 Identifying neonicotinoid critical uses and alternatives for tomato—*Frank Zalom, UCD Entomology*
4:00 An update on diseases in vegetable crops—*Cassandra Swett, UCD Plant Pathology*
4:20 Weed management in melons—*Scott Stoddard, UCCE Merced-Madera*
4:40 Update on nematology research in vegetables—*Antoon Ploeg, UCR Nematology*
5:00 Insect/mite decision support tool—*Tunyalee Martin, UC ANR Statewide IPM Program*

6:00 PM Group dinner

Tuesday, November 27, 2018—DAY 2

7:00-8:00 AM Coffee and rolls

8:00-9:00 Discussion of Advisor and Specialist staffing needs, review strategic initiatives relevant to Vegetable Crops PT (moderator: Steve Fennimore)

9:00-9:30 ANR update, budgets and recruitments—*Wendy Powers, UC ANR Associate Vice President*

9:30-10:00 Break

10:00-12:00 ■ **Water and nutrient management** (moderator: Mike Cahn)

10:00 Immobilization of nitrate—*Richard Smith, UCCE Monterey-Santa Cruz-San Benito*

10:25 Biochar and compost—*Milt McGiffen, UCR Botany & Plant Sciences*

10:50 Effects of 25 years of crop management on nutrient availability and soil quality at Russell Ranch—*Nicole Tautges, UCD Agricultural Sustainability Institute, Russell Ranch Sustainable Agriculture Facility*

11:10 Assessment of soil water potential thresholds for optimum irrigation scheduling, yield and quality—*Andre Biscaro, UCCE Ventura-San Bernardino-Los Angeles*

11:30 Nitrogen and water quality regulations—*Tim Hartz (emeritus), UCD Plant Sciences*

11:55 Brief update on CropManage—*Mike Cahn, UCCE Monterey-Santa Cruz-San Benito*

12:00-1:00 Lunch

1:00-2:30 ■ **Labor and economics**—30 min. each (moderator: Laura Tourte)

1:00 Evaluating use and costs of automated technologies—*Laura Tourte, UCCE Santa Cruz-Monterey-San Benito*

1:30 The impacts of a declining farm labor supply on California agriculture—*Zach Rutledge, UCD Agricultural & Resource Economics*

2:00 Vegetable industry economic overview—*Rachael Goodhue, UCD Agricultural & Resource Economics*

2:30-3:00 Break

3:00-4:30 ■ **Vegetable industry trends**—30 min. each (moderator: Steve Fennimore)

3:00 Tomato industry update—*Zach Bagley, California Tomato Research Institute, Inc.*

3:30 Leafy greens industry—*Jennifer Clarke, California Leafy Greens Research Board*

4:00 Cannabis industry—*Robby Flannery, Dr. Robb Farms*

4:30 Adjourn