



Vegetable Crops Program Team Meeting 2021

December 13 and 14, 2021 ▪ 1:00-4:00 PM (CA time) each day ▪ via Zoom

(<https://ucanr.zoom.us/j/92532097607?pwd=dUhWazhITDhrNlpuTIE1V0w2Mmh2UT09>)

To join by phone: One tap mobile: +16699006833,,92532097607#,,,,*679169# US (San Jose) or dial by [your location](#), and enter when prompted. Meeting ID: 925 3209 7607, Passcode: 679169

DAY 1 ▪ Monday, December 13, 2021 ▪ 1:00-4:00 PM (CA time)

- 12:45-1:00 PM Log in time
- 1:00-1:35 PM Welcome, introductions (Moderator: Steve Fennimore)
- 1:03-1:10 **Hung Doan** ▪ UCCE Small Farms Advisor, Riverside and San Bernardino Counties
- 1:10-1:17 **Vong Moua** ▪ UCCE Small Farms Community Educator, San Joaquin, Stanislaus and Merced Counties
- 1:17-1:24 **Apurba Barman** ▪ UCCE Area IPM Advisor (Imperial, San Diego and Riverside Counties)
- 1:24-1:31 **Robert Masson** ▪ Yuma County Cooperative Extension Assistant Agricultural Extension Agent
- 1:35-4:15 PM SECTION 1: **Irrigation, water quality and soil management**
(Moderators: Mike Cahn, Andre Biscaro, Ali Montazar)
- 1:35-1:55 An online tool to estimate nitrogen mineralization from organic amendments ▪ *Daniel Geisseler, CE Nutrient Management Specialist, Dept. of Land, Air and Water Resources, UC Davis*
- 1:55-2:15 CDFA HSP and SWEEP funding opportunities: A regional partnership providing technical assistance for grant application and project implementation to growers on the Central Coast ▪ *Aparna Gazula, UCCE Small Farm Advisor, Santa Clara, San Benito and Santa Cruz Counties*
- 2:15-2:35 Research advances in adopting drip irrigation for spinach production ▪ *Ali Montazar, UCCE Irrigation and Water Management Advisor, Imperial, Riverside and San Diego Counties*
- 2:35-2:45 *Break*
- 2:45-3:05 New approaches for using polyacrylamide to mitigate suspended sediments and pesticides in irrigation runoff ▪ *Mike Cahn, UCCE Irrigation and Water Resources Farm Advisor, Monterey, Santa Cruz and San Benito Counties*
- 3:05-3:25 Water requirements of celery for optimizing yield and quality ▪ *Andre Biscaro, UCCE Irrigation and Water Resources Advisor, Ventura, Los Angeles and San Bernardino Counties*
- 3:25-3:55 N removal coefficients for complying with Ag Order 4.0 water quality regulations on central coast ▪ *Richard Smith, UCCE Vegetable Crop Production and Weed Science Farm Advisor, Monterey, Santa Cruz and San Benito Counties*

- 3:55-4:15 First year experiences and lessons gained from adapting the ‘CropManage’ irrigation decision-support tool in watermelon ▪ *Zheng Wang, UCCE Vegetable Crop Advisor, Stanislaus County*
- 4:15 PM Adjourn for day

DAY 2 • Tuesday, December 14, 2021

- 12:45-1:00 PM Log in time
- 1:00-2:00 SECTION 2: **Pest management—diagnostics** (Moderator: Brenna Aegerter)
 - 1:00-1:30 Understanding the limits of disease diagnostics – how to interpret results ▪ *Johanna Del Castillo Munera, Assistant Project Scientist, Dept. of Plant Pathology, UC Davis*
 - 1:30-1:55 Update from CDFA Plant Pest Diagnostics – Plant Pathology group ▪ *Cheryl Blomquist, Senior Plant Pathologist, CDFA Plant Pest Diagnostics Branch*
- 2:00-3:40 SECTION 3: **Research updates** (Moderator: Steve Fennimore)
 - 2:00-2:15 Herbicide and robotic weed management in vegetables ▪ *Scott Stoddard, UCCE Vegetable Crops and Soils Farm Advisor, Merced and Madera Counties*
 - 2:15-2:30 Branched broomrape research update ▪ *Brad Hanson, CE Weed Specialist, Dept. of Plant Sciences, UC Davis*
 - 2:30-2:40 *Break*
 - 2:40-3:40 Vegetable production with indoor vertical farms ▪ *Heiner Lieth, Professor and CE Specialist, Dept. of Plant Sciences, UC Davis*
- 3:40-4:00 SECTION 4: **Closing session**
 - Oscar Lorenz Award presentation (Moderator: Richard Smith)
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- 4:00 PM Adjourn