

**Zheng Wang, Ph.D.**  
**UCCE Vegetable and Irrigation Advisor**  
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# Zheng Wang

- Joined the UCCE Modesto Office in March 2018
- PhD at University of Kentucky
- Post-doc at The Ohio State University
- Main work in the first year: “**3L: Look-Listen-Learn**”

# LOOK, LISTEN, LEARN



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# Starting from 2019.....

I will be leading or collaborating on 4 processing tomato research projects. The goal is to promote crop health, productivity, and nutrient use efficiency.

# Project 1: Influence of Compost Application Rates on Nitrogen Management and Processing Tomato Productivity and Quality



- Funded by CTRI from 2019-2020.
- Field location: Patterson, CA
- Compost application will start in September 2019.
- Evaluate Soil nitrogen dynamics, N mineralization, N use efficiency, and crop productivity/quality.

# Project 2: Assessing Grafted Rootstock-Scion Combinations on Processing Tomato Yield and Quality



- Funded by USDA-SCRI from 2016-2020.
- I joined the team in 2018 and will collaborate with Brenna and Gene on field trials.
- Evaluate the viability of grafting as a cost-effective tool to enhance processing tomato yield and quality.

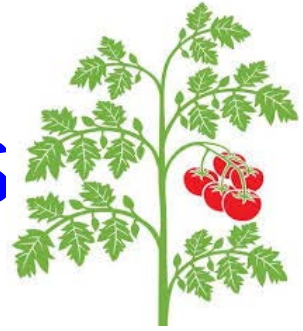


# Project 3: Improving Nutrient Management of Processing Tomato with the Best Practical Use of Crop Biostimulants



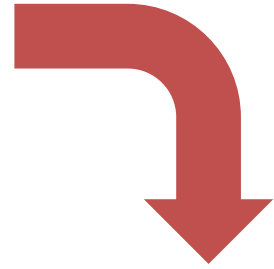
- Supported by the biostimulant industry.
- Generate science-based data on the efficacy of these biologics to enhance processing tomato productivity.
- Evaluate a number of representative biostimulants and report the data.
- Application to other funding support is underway.

# Project 4: Evaluating Varietal Response to Resistance-Breaking Tomato Spotted Wilt Virus



- Project is led by Tom Turini.
- Collaborators: Scott Stoddard, Brenna Aegerter, and myself.
- Scout processing tomato fields in Stanislaus County for TSWV disease occurrence, especially the fields grown with resistant varieties.

Routinely, for growth disorder, disease situation et al., reach me via



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