

JOSE A. DELGADO

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SUMMARY OF QUALIFICATIONS

- Bachelor of Science Degree in Plant Science, with emphasis in Plant Health.
- Agricultural Ambassador at both Hartnell Community College and California State University, Fresno
- Pursuing a Pest Control Adviser license with the goal of achieving Certified Crop Adviser certification.
- Bilingual, fluent in Spanish and English.

EDUCATION

CALIFORNIA STATE UNIVERSITY, FRESNO, Fresno, CA
Bachelor Degree in Plant Science – Plant Health Emphasis

December 2018

KEY RELATED COURSES

- Soil Science
- Plant Science
- Organic Chemistry
- Pesticides
- Plant Nematology
- Plant Pathology
- Introduction to Fruit Science
- Agricultural Water
- Irrigation Systems
- Soil & Water Management
- Soils
- Integrated Pest Management
- Crop Nutrition
- Farm Machinery & Equipment
- Crop Improvement (Plant Genetics)
- Economic Entomology
- Principles of Pomology

RELEVANT EXPERIENCE

Harvest Intern – Scheid Vineyards, Greenfield, Ca.

May 2018 – Nov. 2018

Assisting the Vineyards operations, the internship consisted of working with Farm Supervisors, Pest Control Advisers, and assisting the Viticulturist with research-based projects throughout the season. I collaboratively worked with farm supervisors and Pest Control Advisers with daily operations and scouting. Learned the various careers associated in a vineyard operation and assisted working in all facets of the vineyard operation careers..

Research Assistant II – UC-ANR, Cooperative Extension in Monterey County, Salinas, Ca. Vegetable and Weed Science Research Program

May 2017 – Nov. 2017

Working with farm advisor Richard Smith in Monterey County, there were a wide variety of crops; both organic and conventional crops. Such as romaine lettuce, leafy greens, broccoli, cauliflower, cabbage, kale, and many other coastal crops were managed with growers to assist Irrigation and Nitrogen Management. Throughout the summer various research trials focused on the root-zone saturation and temperature readings, along with the CIMIS system to assist proper irrigation practices. Nitrogen management was a core goal in the research trials. Learning to minimize nitrogen leaching and assist growers to make efficient applications related to the specific soil and water characteristics. Soil analysis, irrigation management, root zone depth analysis, and biomass analysis information was gathered, and input the readings into the Crop Manage program. A web application for managing water and fertilizer. By improving water management and matching nitrogen applications to the uptake pattern of the crop, growers could potentially reduce fertilizer use and address water quality concerns.

Lab Assistant Intern – Lettuce Project, Fresno State University Farm, Fresno, Ca.

Jan. 2017 – May 2017

In this internship, I worked with Dr. Benes, a Fresno State University professor. I assisted Dr. Benes in a crop production class; focused on the crop nutrition of romaine lettuce. I assisted the class transplanting, doing in-season soil and tissue testing. In addition, set up fencing, streamers for rabbit and bird control. Assisted with the installation of the drip irrigation system with the on-campus farm team. Scheduled irrigations based on soil probing, tensiometer readings, and the Fresno State University, Waterright Irrigation Scheduling Program. Implemented a fertigation system of four applications of four different *treatments*. Repaired leaks in the irrigation system. Monitored for disease problems.

Campus Involvement

Plant Science Club

Fall 2016 - Present

Treasurer of Fresno State's Plant Science Club. Through club participation attend special guest lectures and complete community service projects focused on agriculture.

Irrigation Club

Founder and President of the Fresno State Irrigation Club.

Fall 2018 –

Present

Soils Judging Club

Fall 2016 - Present

Member of the Fresno State Soils Judging Club. Weekly practice of soil judging skills in relation to soil horizons, texture, and reasoning for each individual characteristic classified. Representing Fresno State University in competitive events with different universities.