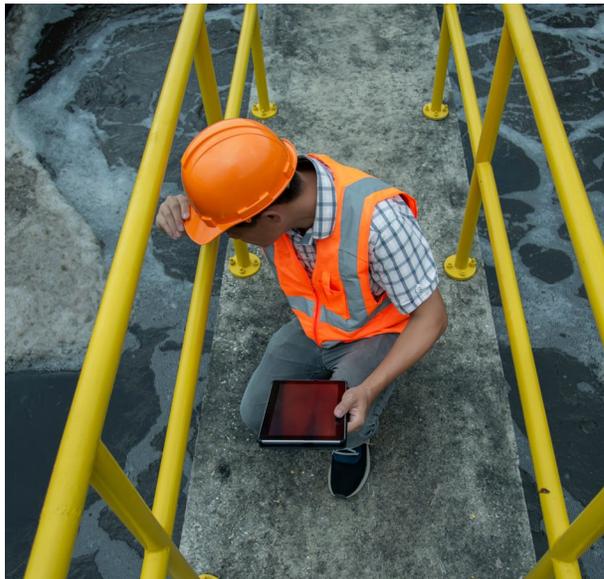


# AGRICULTURE, WATER, & ENVIRONMENTAL TECHNOLOGIES



As California's population continues to grow, the state's agricultural, water and environmental resources are more important than ever. Agriculture alone is a \$49 billion-dollar industry in California, making our state the most prolific agricultural producer in the U.S. To meet the growing demand for these resources, companies are rapidly adopting new technologies and sustainable practices, and need workers to drive improvements in the sector. Careers in this sector range from turf management at municipal golf courses to research in biological sciences. Employees may work in a lab, on a farm, ranch, dairy, orchard, greenhouse, plant nursery, or in a veterinary office.

## CAREER EDUCATION GUIDE



### FAST FACTS\*



**26,492**

people employed



**5% (1,258)**

5-year projected job growth



**1,750**

businesses



**4%**

of the sector's employment in California



**\$64,090**

average earnings per job



**6%**

of the sector's businesses in California

\*Labor market data derived from EMSI 2021.03; QCEW, Non-QCEW, Self-Employed; 2020-2025 projections.



# AGRICULTURE, WATER, & ENVIRONMENTAL TECHNOLOGIES | JOBS & WAGES

The following table lists the **minimum** educational attainment that an individual needs to have in order to be qualified for the occupation. Wages listed for each occupation are based on 25th percentile wages, which represent wages for entry-level workers. Only occupations with median annual salaries of at least \$37,440 (i.e., living wage) and a labor market demand of at least 10 annual job openings are included in this list. Any job with “All Other” in the title is an occupation with highly specialized subsets; put differently, the title is written broadly to capture various emerging occupations.

NO FORMAL EDUCATIONAL CREDENTIAL + ADDITIONAL TRAINING	Entry-level Hourly Rate (Salary)	R	I	A	S	E	C
Fishing and Hunting Workers*	\$14 (\$29K)	●	●			●	
Grounds Maintenance Workers, All Other*	\$15 (\$31K)						
HIGH SCHOOL DIPLOMA OR EQUIVALENT + ADDITIONAL TRAINING							
Earth Drillers, Except Oil and Gas; and Explosives Workers, Ordnance Handling Experts, and Blasters*	\$15 (\$31K)	●	●				●
Excavating and Loading Machine and Dragline Operators, Surface Mining*	\$20 (\$42K)	●					
Farmers, Ranchers, and Other Agricultural Managers*	\$16 (\$33K)	●				●	●
First-Line Supervisors of Farming, Fishing, and Forestry Workers*	\$19 (\$40K)	●				●	●
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers*	\$17 (\$35K)	●				●	●
Pest Control Workers*	\$20 (\$42K)	●					●
Stationary Engineers and Boiler Operators*	\$34 (\$71K)	●	●				●
Tree Trimmers and Pruners*	\$18 (\$37K)	●					
Water and Wastewater Treatment Plant and System Operators*	\$28 (\$58K)	●					●
ASSOCIATE DEGREE							
Agricultural and Food Science Technicians*	\$20 (\$42K)	●	●				●
Environmental Engineering Technologists and Technicians*	\$25 (\$52K)	●	●				●
Environmental Science and Protection Technicians, Including Health*	\$19 (\$40K)	●	●				●
Forest and Conservation Technicians*	\$17 (\$35K)	●	●			●	
Veterinary Technologists and Technicians*	\$19 (\$40K)	●	●				
BACHELOR'S DEGREE OR HIGHER							
Agricultural Inspectors*	\$18 (\$37K)	●	●				●
Environmental Engineers	\$34 (\$71K)	●	●				●
Environmental Scientists and Specialists, Including Health	\$30 (\$62K)	●	●				●
Geoscientists, Except Hydrologists and Geographers	\$34 (\$71K)	●	●				
Hydrologists	\$38 (\$79K)	●	●				
Physical Scientists, All Other+	\$41 (\$85K)						
Soil and Plant Scientists	\$28 (\$58K)	●	●				
Veterinarians	\$44 (\$92K)	●	●				

\*Nationally, 33% or more of workers currently employed in this occupation have an associate degree or less.  
 + These occupations represent a wide range of characteristics and therefore do not have RIASEC details.

