



JOB DESCRIPTION
Irrigation Technician

STATUS: Exempt

REPORTS TO: Director of Agronomy

DUTIES AND RESPONSIBILITIES:

- Develop irrigation schedules on a weekly basis for all properties.
- Monitor soil moisture by probing in the fields.
- Monitor soil moisture sensors to verify moisture is at appropriate levels.
- Work on irrigation/GIS projects exploring new methods to improve fruit quality.

This position will be responsible and accountable for:

- Providing a weekly irrigation schedule to Farming Team (i.e. VP, Directors, etc.).
- Monitoring vineyard soil moisture by probing and the use of sensors in vineyard blocks.
- Ensuring water scheduled is being applied by monitoring water meters.
- Estimating crop water use for the season for each vineyard and water district.
- Understanding water deliveries from water districts.
- Assisting in calculating sources of water to meet the crop water needs by district.
- Understanding how to order water from districts.
- GPS based field data collection on various farming assets and changes.
- Geolocating various soil and tissue data

This position will communicate with and inform:

- Directors with irrigation schedules and inform them about soil moisture.
- Vineyard Foremen to help guide daily irrigation schedules.
- GIS department on changes in vineyard landscape (i.e. new weather stations, block removals, etc.) as well as provide GIS data related to soil and tissue data.

MINIMUM QUALIFICATIONS

Education and Experience

An Associate Degree in Precision Ag, Agricultural Science, or any other Agriculture centered program. Some coursework or working knowledge of Geographic Information Systems (GIS). Working knowledge of soils and irrigation systems.

Agriculture or farming related experience a plus.

PROFICIENCIES:

Creative and ability to recognize technologies that are practical and will help improve fruit quality and quantity.

Proficient in Excel, Power Point and data analysis and interpretation.
Ability to communicate ideas to Farming Team and industry colleagues.



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ESSENTIAL JOB FUNCTIONS AND WORK CONDITIONS:

This position requires that you be able to speak, read, and write English at a level, which allows full communication and participation with the Farming Team.

PHYSICAL DEMANDS

- Work some weekends and long hours when needed.
- Ride in vehicle on rough roads.
- Work in hot, dusty environment in summer.
- Work in cold, wet environment in winter.
- Walk vineyards as needed.
- Use a soil auger or coring mechanism in hard, dry or soft, muddy and wet soil.
- Occasionally lift items weighing 50#.

I have read the above job description understand and agree with its contents.

Employee Name

Date

Contact:

Christina Bynum
 GIS, Sun World International LLC
 16350 Driver Rd.
 Bakersfield, CA 93308
 Office: (661) 392-4660
 Cell: (661) 345-4966