

Job Description Irrigation and Nutrients, Soil Health Working Group

Working Group Mission: Enhanced ability to target irrigation and nutrient application in a way that is ideally at the individual tree level using advanced technologies to monitor the status of water and nutrient levels. Establish what constitutes “soil health for almonds” and apply that understanding via practices to optimize orchard performance and environmental benefits

Member Responsibilities:

- Anticipated two all day in-person meetings per fiscal year, periodic conference calls, and review of materials, proposals, and budgets
- Prioritize issues in irrigation, nutrients and soil health for ABC attention and response
- Related policy and program development
- Review 10-20 research proposals per year, and make funding recommendations
- Review relevant research and guide staff and researchers on what is needed for the industry as a whole
- Provide direction and guidance to the Research Manager in the fielding of Requests For Proposals (RFPs), selection of research projects, management of researchers, and reporting, archiving and disseminating of research results
- Support development of demonstration projects and ABC irrigation outreach program centered on the Irrigation Continuum
- Report to the Strategic Ag Innovation Committee (SAIC) and take direction as appropriate
- Liaise with other Committees and working groups as necessary

Member Target Skill Sets/Expertise (one or more of the following):

- Ability to analyze research and recommend outreach needs
- Relevant professional experience (e.g., Certified Crop Advisor, fertilizer, irrigation technology, soils)
- Knowledge of precision agriculture and direct and remote sensing technologies
- System-wide water conservation and efficiency projects (e.g., SSJID pressurized system, recycled water)
- Regulatory issues affecting water availability and water quality management (e.g., groundwater recharge, nutrient management)
- Food safety risks from compost and manure applications (e.g., Salmonella)
- Plant disease risks from different management techniques including whole orchard recycling
- Outreach to growers and development of relevant communication pieces
- Work well with cross functional working groups on proposals and projects
- Willingness to consider trends in research, regulation, the market place and growing that may affect focus of research projects

For further information, contact Gabriele Ludwig (gludwig@almondboard.com, 209- 765-0578) or Bob Curtis (rcurtis@almondboard.com, 209-604-0385)



Committee Membership Statement of Interest Irrigation and Nutrients, Soil Health Working Group Member

Name: _____ Company: _____
Phone: _____ Email: _____

Industry Affiliation: Grower Handler Allied Industry Other _____

The Irrigation and Nutrients, Soil Health Task Force regularly seeks experience and expertise in the following areas. Please check all that apply to you and provide relevant detail:

- Orchard Irrigation management: _____
Precision ag irrigation and nutrient management technology: _____
Irrigation district water supply engineering: _____
Groundwater management and/ or recharge: _____
Recycled water and ag supply: _____
Soil health (cover crops, organic matter integration, soil amendments): _____
Soil health diagnostic tools: _____
Food safety: _____
Research: _____
Related policy initiatives: _____
Grower outreach: _____

Please indicate previous volunteer/leadership positions you have held with the Almond Board of California:

Please indicate previous volunteer/leadership positions you have held other than with the Almond Board of California:

