



## Aquaponics Greenhouse Assistant

*Aquaponics specializes in growing food by integrating fish (tilapia, bass, catfish and koi) with plants (lettuce, salad and cooking greens, fruiting plants and herbs), in a recirculating system.*

### Mission Objectives

- Personal and professional fit with owners, team members, customers and greater community
- Willing to help educate others and interact with community during classes or tours
- Live within the local area with short commute and ability to respond quickly to the farm when issues arise
- Be a positive representative of 302 Aquaponics in public settings

### Operational Considerations

- Fast paced, detail oriented, organized, self-motivated and capable of following guidelines
- Handle a wide variety of normal farm elements including algae, bioslime, fish waste, uneaten fish food, decomposing plant material, bacteria or fungus, dead fish, plant pests, and working in a wet environment
- Work in bright sunlight throughout the day and hot or cool temps (60° to 95°) in the greenhouse
- Physically capable of lifting and possibly carrying up to 50lbs, with repeated bending and standing
- Good hand dexterity performing repeatable tasks such as seeding, transplanting, cleaning and harvesting
- Proficient computer knowledge using the internet, word, spreadsheets, email and social media
- Own a cell phone for receiving calls and text about farm operations during the day and after hours
- Available to work 25-30 hours per week (flexible workdays and hours), temporary to permanent

### Farm Activities

- Perform scheduled seeding, transplanting, maintenance and harvesting activities (roughly 400-800 seeds, transplants and harvested units per week, every week of the year), aligned with food safety and GAP
- Pack products to complete orders
- Perform water quality tests on a daily basis (up to 4 sample locations)
- Monitor fish health and feed fish on schedule (3-4 times daily, up to 18 tanks)
- Assist with stocking or moving fish and harvesting activities
- Monitor plant and fish environment, record key environmental parameters including but not limited to: water quality, water changes, plant harvesting, fish harvesting, fish sickness or death, fish stocking, significant system changes, nutrient or pH adjustments
- Enter data from paper records into online spreadsheets
- Clean raft beds, filtration system, and plumbing components on a scheduled and as needed basis
- Respond to water overflow, low water levels, greenhouse or fish system temperature issues when these situations occur, maintain proper watering and lighting schedules for auxiliary systems
- Coordinate trash removal
- Maintain clean and sanitary aquaponics system and internal and external greenhouse environment
- Perform proper sanitizing activities to meet food safety guidelines when entering the greenhouse, before and after food handling activities, and for storing all food packaging, supplies and tools
- Assist with farm project work to complete maintenance and system improvement projects as required to support the aquaponics systems and greenhouse operations