

## **Emergency Hire Greenhouse Technician**

### **I. INTRODUCTION**

The Magoon Research & Instructional Facility is located on the Mauka Manoa campus and is assigned to Department of Tropical Plant and Soil Sciences in the College of Tropical Agriculture and Human Resources at the University of Hawai'i Manoa. The Magoon facility is used to support research, extension, and instructional activities related to vegetable crops, sustainable agriculture, agronomy, horticulture, soil science, aquaculture, floriculture, and fruit and nuts. The primary purpose of this position is to perform activities related to greenhouse and field research as well as assisting in instructional activities.

### **II. MAJOR DUTIES AND RESPONSIBILITIES**

Duties and responsibilities include:

- Coordinating and initiating various work assignments (with assistance from students) associated with basic greenhouse operation and as directed by professional scientists in the fields of vegetable crops, sustainable agriculture, agronomy, horticulture, soil science, aquaculture, floriculture, and fruit and nut research with specific duties that include:
  - a. Soil mix preparation
  - b. Fertilizer stock solution formulation and application
  - c. Pesticide spraying
  - d. Landscape maintenance
  - e. Installation, programming and maintenance of irrigation systems
  - f. Waste/refuse management
  - g. General maintenance
- Assist researchers to carry out their experimental procedures, including the implementation and maintenance of diverse research trials.
- Responsible for maintenance and repair of equipment including sprayers, tools (weed eaters/mowers), and heavy equipment.
- Perform other duties as required

### **III. CONTROLS OVER THE POSITION:**

- a) This position is under the supervision of the chair of the department of Tropical Plant and Soil Sciences.
- b) Additional oversight, guidance and recommendations will be provided by the Magoon user committee
- c) The successful applicant will be involved with policy and procedural meetings of the Department of Tropical Plant and Soil Sciences

- d) Most work assignments are done independently and will receive general supervision from the chair and committee as needed

#### **IV. QUALIFICATIONS**

##### Minimum Qualifications:

- B.S. degree in agriculture/related discipline or high-school diploma and 3 years of experience
- Knowledge of orchard/vegetable/floriculture/greenhouse production, and experience in landscape maintenance
- Experience in installation, maintenance and repair of irrigation systems
- Experience using farm and other heavy equipment
- Experience with pest and disease control in greenhouses/shadehouses, in field plantings and landscapes

##### Desired Qualifications

- Experience in personnel management and business skills
- Ability to evaluate and interpret experimental results.
- Has a pesticide applicators license

#### **V. REQUIRED LICENSES, CERTIFICATES**

- Hawai'i State Driver's License