

Job description: TC Production Technician



Company Description

Front Range Biosciences is a fast-growing biotechnology startup company bringing modern agricultural science to the cannabis industry. We have operations in Lafayette, CO, with several satellite facilities under design and construction in Colorado and other states. FRB is headed by 3 founders - a PhD Chemist, a PhD Plant Biologist, and an MBA, all experienced entrepreneurs with experience across the biotechnology sector from agriculture to pharmaceuticals, molecular diagnostics, and biofuels. FRB is committed to providing best in class service and products that improve reliability, efficiency, and performance for cultivators.

Job description

The Production Technician will be responsible for executing methodologies for plant tissue culture and micropropagation cloning activities. The successful candidate will be a key member of a fast-paced and collaborative start-up agricultural sciences company.

Report

Position reports to the TC Production Manager.

Primary Responsibilities

1. Perform tissue culture and micropropagation methodologies for mass scale clone production.
2. Help execute cultivation methods for efficient, high-throughput propagation.
3. Work with the production manager to troubleshoot problems in the propagation pipeline and develop effective solutions.
4. Maintain detailed and organized records of project data and other materials as needed, maintain inventory records, and regulatory compliance.
5. Maintenance of glassware and creation of culture media stock for production.
 - a. Familiarity with autoclaves, centrifuge, incubator, laminar flow hood, analytical balances.
 - b. Operation of laboratory equipment in a safe manner.
 - c. Assure cleanliness of glassware, plasticware, and other supplies as needed.

Desired Qualifications

1. Excellent listening skills, ability to follow protocols, willingness to learn new skills, and detail oriented.
2. Experience producing clones in commercial nursery.
3. Prior experience with sterile technique and maintaining plant tissue culture.
4. Working familiarity with the maintenance and archiving of laboratory documents, SOP's including electronic record keeping, and electronic inventory management.
5. Must have excellent organizational, communication, and problem-solving skills.

Experience

1. Bachelors of Science in horticulture, plant science, or biotechnology field degree preferred but not required.

2. 1-2 years experience with plant tissue culture, nursery production, plant propagation, a sterile laboratory setting or some combination thereof is strongly preferred.

Physical Requirements

Must be able to perform delicate work with small hand tools for long periods of time.