

JOB DESCRIPTION

JOB TITLE

BREEDING LABORATORY TECHNICIAN

DEPARTMENT

RESEARCH, DEVELOPMENT & MARKETING

LINE MANAGER

BREEDING LABORATORY MANAGER

LOCATION

SPALDING HEAD OFFICE

JOB SUMMARY

Provide technical support across all aspects of the Breeding Laboratory portfolio of work, including the smooth day-to-day running of facilities, contributing to the success of Elsoms' breeding activities.

KEY RESPONSIBILITIES

1. At all times, maintain Elsoms' strong Health & Safety culture and practices.
2. Plan, set up and undertake routine technical tasks accurately and following strict methodologies.
3. Undertake all aspects of micropropagation, including all stages of double haploid production and plant tissue culture, according to laboratory protocols.
4. Undertake molecular work including sampling, DNA extraction and amplification, according to laboratory protocols.
5. Undertake phytopathology work, including isolating, maintaining and multiplying pathogens/host plants, and disease testing, according to laboratory protocols.
6. Perform other tasks necessary to the smooth running of the lab and assist with other activities as required by the Breeding Team.
7. Monitor lab consumables and replenish materials essential for lab work as needed. Make up media/buffers/solutions on a regular basis and ensure that everything is clearly and correctly labelled.
8. Keep all laboratory areas clean and maintain a tidy and safe work environment to ensure the safety of all laboratory users. Ensure the safe removal of waste. Keep equipment maintained, calibrated, clean and in a serviceable condition.
9. Write and review protocols and risk assessments.
10. Record and analyse data, maintaining accurate records, drafting reports and presenting results to relevant colleagues.
11. Keep up to date with relevant scientific and technical developments.
12. Attend regular meetings to discuss workload, identify and resolve problems and raise any health and safety issues.
13. Actively contribute to the departmental goals.

QUALIFICATIONS

- A degree in Biological Science in a relevant subject, or equivalent by experience.
- A higher degree in a relevant subject, or equivalent by experience, is desirable.

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- GLP/COSHH training is desirable.

EXPERIENCE

- Significant experience working in a laboratory.
- Experience following and developing laboratory protocols.
- Experience in plant science or breeding is desirable.
- Experience coordinating laboratory maintenance is desirable.
- Experience managing projects is desirable.

SKILLS

- Excellent attention to detail.
- Excellent literacy and numeracy skills.
- Excellent planning and organisation skills.
- Excellent level of computer literacy, including familiarity with Microsoft Office applications.
- Good communication skills, both verbal and written.
- Equally capable of working alone or as part of a team.
- Ability to handle routine tasks and procedures.
- Ability to remain calm and focused when working under pressure.
- Able to communicate appropriately with team members and internal and external contacts.

PERSON SPECIFICATION

- Someone who takes health and safety seriously.
- Someone who understands the company values and proactively tries to live by them at work.
- Someone with a flexible approach to working hours to meet business/work demands.
- Someone who can actively share their knowledge and experience with others.
- Someone who is interested in continuous improvement and making processes as efficient and cost effective as possible.
- Someone who is open to giving and receiving constructive feedback and can encourage new ideas from team members.
- Someone who leads by example and encourages a safe and healthy work environment for their teams.
- A highly motivated individual, who is passionate about their subject.

DATE 1st March 2019

APPROVED BY R Tudor, Breeding Manager
