

## JOB DESCRIPTION & PERSON SPECIFICATION

<b>1. Job title:</b> Tissue Culture Laboratory Assistant <b>Job Group:</b> Technical	<b>Centre:</b> CCR - Crop Transformation Group <b>Location:</b> NIAB Park Farm, Cambridge
<b>Reports to</b> (Job title): Research Scientist <b>Line Manages</b> (Job titles): N/A	

### 2. Main purpose of role:

The Crop Transformation Group provides tissue culture and transformation expertise for both academic research collaborations and provision of service contract projects across multiple crop species. The primary focus of this role is:

- To assist with glassware, stock and media preparation,
- To assist with stock control and ordering of chemicals and consumables,
- To assist with GM plant care (from plantlet in Jiffy pellet to seed harvest and processing)
- To assist with autoclave use, for sterilisation and disposal of GM waste
- To assist with routine tissue culture steps

### 3. Financial authority/responsibility (e.g. delegated budget, authorisation level, approx value of contracts etc):

N/A

### 4. Key relationships (external and internal):

Working closely with members of the Crop Transformation team, most day to day interactions will be with staff from within the team. Some interactions with wider NIAB staff as needed.

Tasks/responsibilities (in order of priority)	Approx % of time
Media, tissue culture stocks and glassware preparation	45
GM plant care and seed processing	25
GM Disposal	10
Routine tissue culture activities	10
Various other associated tasks as required	10

### 6. Working conditions :

Mainly based in the laboratory, growth rooms, glasshouses and office at Park Farm, Cambridge site, however some travel to our Cambridge HQ site may also be required.

**7. PERSON SPECIFICATION****Education/Qualifications:**

Essential:	Desirable:
<ul style="list-style-type: none"> <li>• Relevant A-level/HND qualifications</li> <li>• Clean UK driving licence, and ability to drive manual vehicle</li> </ul>	<ul style="list-style-type: none"> <li>• BSc in relevant subject (e.g. Agriculture or Plant Science)</li> </ul>

**Experience:**

Essential:	Desirable:
<ul style="list-style-type: none"> <li>• Working in tissue culture / GM class 1 laboratory environment</li> <li>• Good organizational and communication skills</li> <li>• Microsoft Office Word and Excel packages</li> </ul>	<ul style="list-style-type: none"> <li>• Aseptic technique with some practical experience of plant tissue culture</li> <li>• Experience of growing or propagating plants</li> <li>• Media and stock preparation</li> </ul>

**Specialist Training:**

Essential:	Desirable:

**Personal Qualities (skills, behaviours and competencies)**

Essential:	Desirable:
<ul style="list-style-type: none"> <li>• Able to work independently and as part of a team.</li> <li>• Accuracy, consistency of approach and an eye for detail.</li> <li>• Conscientious, enthusiastic, self-starting.</li> <li>• Must be supportive of work with GM crops.</li> </ul>	

**Date of description:**

02-06-2021

**Compiled by:**

Emma Wallington