



UNIVERSITY OF
LINCOLN

UNIVERSITY OF LINCOLN JOB DESCRIPTION

JOB TITLE	Research Assistant in Crop Science				
DEPARTMENT	Lincoln Institute for Agri-Food Technology				
LOCATION	Lincoln Campuses				
JOB NUMBER	CHS206	GRADE	6	DATE	March 2025
REPORTS TO	Principal investigator of project				

CONTEXT

The University of Lincoln is working towards an exciting project towards generating nitrogen datasets for LINCAM CERES enterprise collaboration. The project seeks to find ways to improve nitrogen use efficiency without loss of yield in contrasting environments across the country. The research objective is to generate datasets for winter wheat to predict optimal nitrogen requirement based on local environmental conditions and growth stage.

The key role of the post is to collect crop data and processing of samples on several trials across the country. The research assistant will liaise with PDRAs of the project and should be motivated to assist the field sampling campaign of the project. You will be expected to have experience in field trials collecting samples from crops but ideally wheat. Experience in handling and analysing crop samples is essential (preferably wheat). Familiarity with field data collection is desirable.

JOB PURPOSE

The Research Assistant will work in a team and assist with data collection for conducting research on the project, as directed by the Principal Investigator. S/he is not expected to operate as an independent researcher.

KEY RESPONSIBILITIES

Literature Surveys
To undertake literature surveys and other investigations of the state-of-the-art and to prepare reports as required.
Research
<p>To perform specified research under the direction and with advice from the Principal Investigator, to generate original knowledge, contribute to decisions about research direction, and to prepare reports on results, as required. The research assistant will not be expected to act as an independent researcher.</p> <p>Plan own day-to-day research activity within the context of the required research programme, exhibiting a high degree of autonomy.</p> <p>Contribute to the production of research outputs, including software, reports, papers and other publications, and preparation for and presentation at international research conferences.</p>
Liaison and Networking
<p>Liaise with internal and external collaborators, and with colleagues in the Department, maintaining positive and effective working relationships; this may include liaison with senior personnel in other organisations including collaborators, sponsors and clients.</p> <p>Participate in internal research activities, including seminars, research meetings and continuous professional development activities.</p>
Teaching Support
If required, engage in teaching support activities, up to a maximum of six hours per week.
PhD
Where appropriate and agreed, register for and undertake a PhD or other specified research degree.

Key working relationships/networks	
Internal	External
<ul style="list-style-type: none"> • Principal Investigator • Head of Research Centre • Head of School • Other research and academic staff within the school 	<ul style="list-style-type: none"> • Research collaborators • Sponsors and clients



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UNIVERSITY OF LINCOLN PERSON SPECIFICATION

JOB TITLE	Post Doctoral Research Associate in Crop Science	JOB NUMBER	CHS206
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Selection Criteria	Essential (E) or Desirable (D)	Where Evidenced Application (A) Interview (I) Presentation (P) References (R)
Qualifications:		
Degree in crop science, agronomy or a related discipline	E	A
Extensive knowledge specific to project/area	E	A/I
Experience:		
Experience of research field work	E	A/I
Experience in handling and analysing crop samples (preferably wheat or other cereals).	E	A/I
Experience in measuring crop traits using handheld device	D	A/I
Experience in field trials, collecting crop samples	E	A/I
Skills and Knowledge:		
Ability to prioritise own workload and work to specified deadlines under pressure	E	A/I
Skills specific to project/area	E	A/I
Competencies and Personal Attributes:		
Flexible approach to workload	E	I
Ability to work as part of a team	E	I
Enthusiasm and commitment	E	I
Business Requirements:		
Driving licence	E	A/I

Essential Requirements are those, without which, a candidate would not be able to do the job. **Desirable Requirements** are those which would be useful for the post holder to possess and will be considered when more than one applicant meets the essential requirements.

Author	OG	PBP	AH
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