

Role Description

Research Officer (Cereal Agronomist / Physiologist)



Regional
NSW

Cluster	Regional NSW
Agency	Department of Regional NSW
Group/Division/Branch	DPI / Agriculture
Location	Tamworth
Classification/Grade/Band	PO Grade 1-4
Role Family	Standard / Science Technicians / Delivery
ANZSCO Code	234112
PCAT Code	1119192
Date of Approval	September 2022
Agency Website	www.nsw.gov.au/regional-nsw

Agency overview

The Department of Regional NSW was formed in 2020 as a central agency for regional issues. The Department is responsible for building resilient regional economies and communities, strengthening primary industries, managing the use of regional land, overseeing the state's mineral and mining resources and ensuring government investment in regional NSW is fair and delivers positive outcomes for local communities and businesses.

The NSW Department of Primary Industries (NSW DPI) supports the development of profitable primary industries that create a more prosperous NSW and contributes to a better environment through the sustainable use of natural resources.

Within NSW DPI, Agriculture (DPI Ag) leads agricultural industry development through extension, science and research, industry policy and regulatory compliance functions to foster sustainable and economic agricultural industries.

Primary purpose of the role

The role will lead and conduct cereal crop research that enhances the productivity and resource use efficiency of cereal crops and cropping systems for the farming enterprises of the central and northern grains region of NSW.

Key accountabilities

- Build and maintain collaborative relationships with stakeholders and partners to develop and implement research and development projects to meet industry needs.
- Identify and prioritise emerging industry research issues to ensure a targeted research and development program relevant to the needs of the agricultural sector.

- Establish and manage experiments in accordance with trial protocols and best management practice and contribute to the effective and timely delivery of program objectives.
- Ensure suitable implementation of new technologies and maintenance of research equipment.
- Review research findings and develop and/or update information and publication materials for dissemination to industry.
- Report on, and wherever possible quantify, the impact of research activities on industry profitability and sustainability.
- Manage technical staff and day-to-day operations to deliver against research outcomes.
- Comply with work standards according to the level of appointment in the Professional Officer Progression Criteria (1-4) scale in the Crown Employees (NSW Department of Industry) Professional Officers Award.

Key challenges

- Undertaking complex scientific research within project timeframes and aligning government, departmental and industry priorities.
- Liaising effectively with colleagues and collaborators to manage resources efficiently to deliver research outcomes under strict time frames and at a high quality.
- Managing a team to deliver against research outcomes.

Key relationships

Who	Why
Internal	
Leader, Director	<ul style="list-style-type: none"> • Receive direction on work planning and priority tasks. • Provide feedback on role and regular updates on research and development programs.
Research Officers	<ul style="list-style-type: none"> • Collaborate with to assist with delivery of outcomes as required
Technical Officers, Technical Assistants	<ul style="list-style-type: none"> • Provide direction on work planning and priority tasks • Collaborate with to design, plan and deliver project objectives
External	
Key external stakeholders, including growers, researchers in other public and/or private agencies, agribusiness consultants and funding provider personnel	<ul style="list-style-type: none"> • Design, plan and deliver collaborative projects • Represent the department and deliver presentations at research and industry forums • Develop, refine and distribute products for delivery to industry

Role dimensions

Decision making

Without referral: Conducts research, coordinates relevant activities with other staff and units. Allocates resources and approves expenditure within the delegation and budget, consistent with priorities.

Communicates key research messages; represents the Department and communicates results in appropriate forums

In consultation: Refers to supervisor any decisions that require significant deviation from agreed outcomes or timeframes; are likely to escalate or create substantial or contentious precedent; require a higher administrative or financial delegation, or submission to a higher level of management.

Reporting line

Leader

Direct reports

May have direct Technical Officer, Technical Assistant and casual reports

Budget/Expenditure

Authorisation for expenditure of allocated project resources under applicable Departmental financial delegation

Essential requirements

- PhD qualification in plant science or similar related discipline
- Demonstrated experience attracting and managing research projects including team leadership
- Understanding of the key challenges and opportunities for cropping systems in central and northern NSW
- Current driver license
- Willingness and ability to travel to remote locations

Capabilities for the role

The [NSW public sector capability framework](#) describes the capabilities (knowledge, skills and abilities) needed to perform a role. There are four main groups of capabilities: personal attributes, relationships, results and business enablers, with a fifth people management group of capabilities for roles with managerial responsibilities. These groups, combined with capabilities drawn from occupation-specific capability sets where relevant, work together to provide an understanding of the capabilities needed for the role.



The capabilities are separated into **focus capabilities** and **complementary capabilities**.

Focus capabilities


Focus capabilities are the capabilities considered the most important for effective performance of the role. These capabilities will be assessed at recruitment.

The focus capabilities for this role are shown below with a brief explanation of what each capability covers and the indicators describing the types of behaviours expected at each level.



FOCUS CAPABILITIES

Capability group/sets	Capability name	Behavioural indicators	Level
 Personal Attributes	Act with Integrity Be ethical and professional, and uphold and promote the public sector values	<ul style="list-style-type: none"> • Represent the organisation in an honest, ethical and professional way • Support a culture of integrity and professionalism • Understand and help others to recognise their obligations to comply with legislation, policies, guidelines and codes of conduct • Recognise and report misconduct and illegal and inappropriate behaviour • Report and manage apparent conflicts of interest and encourage others to do so 	Intermediate
	Manage Self Show drive and motivation, an ability to self-reflect and a commitment to learning	<ul style="list-style-type: none"> • Adapt existing skills to new situations • Show commitment to achieving work goals • Show awareness of own strengths and areas for growth, and develop and apply new skills • Seek feedback from colleagues and stakeholders • Stay motivated when tasks become difficult 	Intermediate
 Relationships	Commit to Customer Service Provide customer-focused services in line with public sector and organisational objectives	<ul style="list-style-type: none"> • Focus on providing a positive customer experience • Support a customer-focused culture in the organisation • Demonstrate a thorough knowledge of the services provided and relay this knowledge to customers • Identify and respond quickly to customer needs • Consider customer service requirements and develop solutions to meet needs • Resolve complex customer issues and needs • Cooperate across work areas to improve outcomes for customers 	Intermediate
	Work Collaboratively Collaborate with others and value their contribution	<ul style="list-style-type: none"> • Encourage a culture that recognises the value of collaboration • Build cooperation and overcome barriers to information sharing and communication across teams and units • Share lessons learned across teams and units • Identify opportunities to leverage the strengths of others to solve issues and develop better processes and approaches to work • Actively use collaboration tools, including digital technologies, to engage diverse audiences in solving problems and improving services 	Adept

FOCUS CAPABILITIES

Capability group/sets	Capability name	Behavioural indicators	Level
 Results	Think and Solve Problems Think, analyse and consider the broader context to develop practical solutions	<ul style="list-style-type: none"> • Undertake objective, critical analysis to draw accurate conclusions that recognise and manage contextual issues • Work through issues, weigh up alternatives and identify the most effective solutions in collaboration with others • Take account of the wider business context when considering options to resolve issues • Explore a range of possibilities and creative alternatives to contribute to system, process and business improvements • Implement systems and processes that are underpinned by high-quality research and analysis • Look for opportunities to design innovative solutions to meet user needs and service demands • Evaluate the performance and effectiveness of services, policies and programs against clear criteria 	Advanced
	Demonstrate Accountability Be proactive and responsible for own actions, and adhere to legislation, policy and guidelines	<ul style="list-style-type: none"> • Be proactive in taking responsibility and being accountable for own actions • Understand delegations and act within authority levels • Identify and follow safe work practices, and be vigilant about own and others' application of these practices • Be aware of risks and act on or escalate risks, as appropriate • Use financial and other resources responsibly 	Intermediate






FOCUS CAPABILITIES

Capability group/sets	Capability name	Behavioural indicators	Level
<div> Business Enablers</div>	Project Management Understand and apply effective planning, coordination and control methods	<ul style="list-style-type: none">• Understand all components of the project management process, including the need to consider change management to realise business benefits• Prepare clear project proposals and accurate estimates of required costs and resources• Establish performance outcomes and measures for key project goals, and define monitoring, reporting and communication requirements• Identify and evaluate risks associated with the project and develop mitigation strategies• Identify and consult stakeholders to inform the project strategy• Communicate the project's objectives and its expected benefits• Monitor the completion of project milestones against goals and take necessary action• Evaluate progress and identify improvements to inform future projects	Adept
<div> People Management</div>	Manage and Develop People Engage and motivate staff, and develop capability and potential in others	<ul style="list-style-type: none">• Collaborate to set clear performance standards and deadlines in line with established performance development frameworks• Look for ways to develop team capability and recognise and develop individual potential• Be constructive and build on strengths by giving timely and actionable feedback• Identify and act on opportunities to provide coaching and mentoring• Recognise performance issues that need to be addressed and work towards resolving issues• Effectively support and manage team members who are working flexibly and in various locations• Create a safe environment where team members' diverse backgrounds and cultures are considered and respected• Consider feedback on own management style and reflect on potential areas to improve	Intermediate

Complementary capabilities

Complementary capabilities are also identified from the Capability Framework and relevant occupation-specific capability sets. They are important to identifying performance required for the role and development opportunities.

Note: capabilities listed as 'not essential' for this role are not relevant for recruitment purposes however may be relevant for future career development.

COMPLEMENTARY CAPABILITIES			
Capability group/sets	Capability name	Description	Level
 Personal Attributes	Display Resilience and Courage	Be open and honest, prepared to express your views, and willing to accept and commit to change	Intermediate
	Value Diversity and Inclusion	Demonstrate inclusive behaviour and show respect for diverse backgrounds, experiences and perspectives	Intermediate
 Relationships	Communicate Effectively	Communicate clearly, actively listen to others, and respond with understanding and respect	Adept
	Influence and Negotiate	Gain consensus and commitment from others, and resolve issues and conflicts	Intermediate
 Results	Deliver Results	Achieve results through the efficient use of resources and a commitment to quality outcomes	Intermediate
	Plan and Prioritise	Plan to achieve priority outcomes and respond flexibly to changing circumstances	Intermediate
 Business Enablers	Finance	Understand and apply financial processes to achieve value for money and minimise financial risk	Adept
	Technology	Understand and use available technologies to maximise efficiencies and effectiveness	Intermediate
	Procurement and Contract Management	Understand and apply procurement processes to ensure effective purchasing and contract performance	Intermediate
 People Management	Inspire Direction and Purpose	Communicate goals, priorities and vision, and recognise achievements	Foundational
	Optimise Business Outcomes	Manage people and resources effectively to achieve public value	Foundational
	Manage Reform and Change	Support, promote and champion change, and assist others to engage with change	Foundational