

## Job Description Form (JDF)

### Position details

Position title:	Entomologist
Position number:	Generic
Classification:	Specified Calling Level 1
Physical location:	Perth Metropolitan Area
Award:	PSA 1992
Agreement:	PSCSAA 2021
Pillar:	Sustainability and Biosecurity
Directorate:	Biosecurity
Branch:	Plant Biosecurity

### Reporting relationships

Reports to:	Various
	<b>This position</b>
Direct reports:	Nil

### Role summary

At a professional level, undertakes research into pests of economic importance and to prevent the introduction of exotic insects, which may become harmful to agriculture in Western Australia.

Contributes to planning, risk analysis, surveillance, monitoring and control programs for plant pests of state and national significance

Under supervision, provides scientific advice and analysis in support of policy development for plant biosecurity in Western Australia.

### About us

The Department of Primary Industries and Regional Development's (DPIRD) role is to ensure that primary industries and regions are key contributors to the Government's

agenda for economic growth and diversification, job creation, strong communities and better places. Our goals are to:

- **Protect:** to manage and provide for sustainable use of our natural resources and soils, and to protect Western Australia's brand and reputation as a reliable producer of premium, clean and safe food, products and services.
- **Grow:** to enable the primary industries sector and regions to increase international competitiveness, grow in value and social amenity and become a key pillar of the State's economy.
- **Innovate:** to support a culture of scientific enquiry, innovation and adaptation across primary industries and regions to boost industry transformation, economic growth and employment.

## Our values

Our values are critical in creating a healthy and dynamic culture that helps each and all of us to make our best contribution, to develop a workplace where we feel excited about our work and results and where other people will increasingly want to join our team. Our values underpin how we operate:

- We value **relationships** - Our relationships with our clients, colleagues and stakeholders are at the heart of everything we do.
- We are **resilient** - We recover from setbacks, embracing and adapting to change because we have a clear focus on the big picture and long term impact.
- We are **responsive** - We understand the needs of our clients, colleagues and stakeholders and add value by tailoring our solutions accordingly.
- We focus on **results** - We strive to develop and provide excellent services that delivers meaningful results to the community we serve.

## Key responsibilities

The key responsibilities of the role include, but are not limited to, the following:

### Entomology

- Supports entomological research to protect agricultural production, market access or eradication.
- Supports surveillance for plant Pests of national and state significance.
- Supports responses to exotic insect incursion, emerging pests, residue issues or other significant conditions of plants.
- Assists with submissions to national and state risk assessments and policy reviews prepared by the Commonwealth and other State and Territory governments to protect the State's plant industries from exotic insects.
- Communicates approved scientifically-based advice to support claims of pest freedom and official control in accordance with national and international phytosanitary agreements and policy.
- Assists with provision of scientifically-based risk analysis and entomology input to plant biosecurity programs as required.
- Assists with the review of import permit applications for plant pests, plants and their products in accordance existing phytosanitary measures imposed by Western Australia.

## Research and Development

- Carries out entomological research under supervision to protect agricultural production and market access.
- Conducts supervised laboratory and/or field experiments that lead to improved pest management, market access or eradication.
- Conducts project work as directed and assists with reporting requirements.
- Maintains an up-to-date knowledge and awareness of relevant research, development findings, issues and trends.
- Builds relationships with relevant staff members and stakeholders to inform them of technology, services and resources that are available.

## Strategic Planning and Policy Development

- Provides entomology input into strategic planning and other planning processes regarding plant health.
- Participates in risk assessments for plant pests and assists with development of intra and interstate phytosanitary policy in accordance with national and international phytosanitary agreements and policy.
- Provides basic assistance to operational areas in translating strategic plant health policy into relevant local policy and strategies.

## General

- Assists in preparing reports, summaries and general correspondence as required.
- Participates in emergency responses as required.
- Performs other duties as required.

## Work related requirements

In the context of the role:

### Essential criteria

#### Role specific

1. Basic knowledge and experience in entomology (such as risk analysis, surveillance, investigations and/or control activities related to plant pests).
2. Basic knowledge of entomology principles and methods including plant pest ecology, biology, data management, risk assessment and diagnostic testing.

#### Core capabilities

3. *Build effective relationships*: Demonstrated verbal, written and interpersonal communication skills, including the ability to confidently liaise and collaborate with departmental staff, industry and the community.
4. *Challenge for innovation*: Demonstrated ability to contribute to the development of plans and projects and able to use initiative to deliver improvements to outcomes.
5. *Think strategically*: Able to apply good conceptual, analytical and problem skills to resolve identified issues.
6. *Deliver in a changing environment*: Demonstrated ability to organise and prioritise work and complete tasks within deadlines and the capacity to develop and apply basic entomology techniques that assist in the generation of advice for plant health.

7. *Lead and empower others*: Proven ability to work autonomously and in a team environment.

### **Desirable criteria**

1. Basic knowledge of state, national and international legislation, agreements and guidelines relating to plant biosecurity.

### **Special requirements/equipment**

- A degree in Agricultural science, or approved equivalent with undergraduate training in entomology.
- An acceptable National Police Certificate (police clearance) is required. If not currently held, must be acquired prior to commencement at applicant's expense.
- Occasional travel to and from metropolitan and regional offices may be required.
- The contract of employment specifies terms and conditions relating to this position.

### **Certification**

The details contained in this document are an accurate statement of the duties, responsibilities and requirements of this position.

### **Delegated authority**

Endorsed by:	Heather Brayford
Position title:	Deputy Director General, Sustainability and Biosecurity
Endorsement Date:	20 October 2022