

## Entomologist

### About Us

Supercritical Pty Ltd is an Australian owned hemp business focused on research and development of plant genetics and industrial scale plant compound extraction processes in order to create novel products derived from hemp for the agricultural and biosecurity sector.

Supercritical owns and operates a farm and research facilities in Northern New South Wales where we operate under a cultivation and scientific research permit (issued by N.S.W. Department of Primary Industries since 2015). Supercritical's corporate headquarters are located in Melbourne. See [www.super-critical.com](http://www.super-critical.com)

### The Role

Supercritical maintains a state-of-the-art greenhouse specifically designed for research purposes on our farm. We have developed a number of unique hemp strains and are currently investigating issues related to pest insect/plant relationships and bio-pesticide use.

We are looking to appoint a suitably qualified/experienced person to the position of Entomologist. This will be an individual with relevant invertebrate research experience to manage and further develop the on-farm invertebrate research program. On-site accommodation is provided.

### Duties and Responsibilities Include:

- Development and maintenance of pest and beneficial insect colonies
- Developing, designing, and delivering research projects
- Large scale data collection, including imaging and analysis
- Development of new techniques/processes to collect data
- Applying and monitoring bio-pesticide
- Working as part of the wider research direction of the company on key experimental aspects of research projects.
- Contributing to, and possibly leading, the production of reports and scientific papers.
- Liaison with our collaborators (University of Melbourne)

### About you

You are an enthusiastic and motivated individual with experience in and passion for quantitative biological research. You are committed to progressing your career in invertebrate biology (possibly pest management) and interested in gaining relevant industrial experience in a new and developing industry.

You are practically minded and able to work through the technical challenges of developing new experimental approaches.

You are comfortable working independently, have excellent attention to detail and are skilled in electronic record management and email communications. Experience with high-resolution imaging would be an advantage.

### We would like to meet you if you have:

- Post-graduate qualifications in Biological Science or Agricultural Science

- Prior experience in working with invertebrates, pest invertebrates, laboratory invertebrate colonies
- High self-motivation and capability for independent work
- Experience generating and analysing large data sets
- Excellent interpersonal, written, and oral communication skills with the ability to liaise with a diverse range of people

**What we offer:**

- A six month initial contract - (25 hours per week base with further hours on an as needs basis)
- Accommodation
- Flexible working hours
- Stimulating work setting focused on cutting edge biological/environmental research
- Collaborative team environment

For further information and to apply please send a cover letter and your CV to [careers@super-critical.com](mailto:careers@super-critical.com)

Applications close 21st October 2020