



LINCOLN
UNIVERSITY

TE WHARE WĀNAKA O AORAKI

Potatoes New Zealand (PNZ) Scholarship

Regulations

1. **Fertilization of Potatoes with Calcium Propionate to Prevent Spread of Liberibacter**
2. **Purpose**

The Masters Scholarship was established by Potatoes NZ in 2022 to support postgraduate research in the area of tomato/potato psyllid (*Bactericera cockerelli* Sulc.) (TPP) which is the major vector of the phloem-limited, gram-negative, unculturable bacterium, *Candidatus Liberibacter solanacearum* (Lieft.), (Hansen et al., 2008) (CaLso) which causes the disorder, commonly referred to as zebra chip (Munyaneza, 2012). Zebra chip is also spread in seed tubers and makes potatoes unsuitable for processing. *Bactericera cockerelli* is present in all potato growing regions in New Zealand. In recent years, CaLso has infected up to 50% of the tubers at harvest, resulting in substantial rejections by processors in Canterbury. *In vitro* studies of calcium propionate have shown suppression of up to 100% of multiple fungi as well as partial control of gram-positive bacteria. This greenhouse study will look at the effects of different concentrations of calcium propionate soil applications on potted potatoes subsequently infected with CaLso by “hot” potato psyllids.

3. **Number/Value**

One scholarship will be offered for 2 years to a full-time postgraduate student studying for a Master of Agricultural Science degree at Lincoln University. The annual value of the scholarship shall be a \$ 2,000 per month stipend, plus tuition fees for the one year of research.

4. Eligibility

4.1 Applicants who are enrolled and currently studying in, or have gained entry to, a Master of Agricultural Science degree at Lincoln University.

4.2 Applicants must be New Zealand Citizens, Permanent Residents or International students already living in New Zealand with an appropriate visa.

5. Selection Criteria

The criteria for selection will be

5.1 Academic Merit with a B+ average (GPA 6) or above

5.2 Field of Research and its relevance to this scholarship

5.3 Knowledge of insects is desirable but not essential

6. Selection Committee

The scholarship shall be awarded based on a recommendation of a selection committee which shall comprise:

- The Convenor of the Lincoln University Scholarships Committee, or nominee
- A representative from the AGLS faculty (Rainer Hofmann, Tom Maxwell and Clive Kaiser), or nominee
- A representative from funder (Chris Claridge/ Iain Kirkwood), or nominee

The selection committee may request the applicant to attend an interview as part of the selection process. Interviews will be no more than 20 minutes long.

The selection committee may refrain from making an award if it finds no candidate of sufficient merit.

7. Tenure

7.1 The scholarship is tenable for a maximum of 2 years from commencement date.

7.2 The scholarship shall begin in the year of the award or on the scholar's registration into their programme of study at Lincoln University.

7.3 The scholarship is tenable with any other scholarship, award or bursary, only with prior approval from the selection committee, providing the regulations of that scholarship allow co-tenure.

8. Deferral of study

No deferment is available for this scholarship.

9. Review of Progress

9.1 Each student will be supervised by (a) a principal supervisor (b) an associate supervisor who steps into the principal supervision role if the original principal is absent.

9.2 The successful applicant should be prepared to meet with, and report on progress with their nominated supervisors, as well as meet with other staff at the request of the Faculty.

9.3 Meetings with the primary funder are to be conducted in the presence of either (a) or (b) in 9.1.

10. Payments

The emolument shall be paid fortnightly in arrears.

11. Application

Applications close 11 March at 4pm. Please email your application form to the Scholarships Office. See below.

Email address: scholarships@lincoln.ac.nz

Phone: 03 423 0000

PRIVACY PROVISIONS

The information requested in this application form and your academic record will be used solely for the purposes of assessing your application for the Scholarship(s) for which you are applying. Personal information contained in this application will be made available to members of the Selection Committee for this award, the membership of which is detailed in the award regulations.

Lincoln University will store your application in a secure place in the event that you are successful in gaining an award or are selected as a reserve candidate for an award, and to destroy your application to preserve its confidentiality in the event that you are unsuccessful in gaining an award.

Should you have reason to believe that information held about you in either your application or your academic record is incorrect, you have the right of access to, and correction of, that information.

Personal references from the persons you have named are obtained on the strict understanding that they are confidential, and you may not have access to those reports without the written authorisation of the author.

I, agree to the above conditions with respect to my scholarship application(s) to Lincoln University.

Signed:..... Date:.....

ADVICE TO APPLICANTS

Applications must arrive by the date shown on the application form. No undertaking is given to accept late applications.

It is your responsibility to contact your referees, and ask them to send their references to the Scholarships Office. References should be clearly marked with your name and the name of the scholarship(s) for which you are applying. Referees should **not** be asked to send their references to you, as they must have the opportunity to be completely frank. Non receipt of referees reports or incomplete applications may prejudice your eligibility.

If Official documents are requested as part of your scholarship application please do not send original documents. Send only copies that have been certified by a J.P, a solicitor, or a staff member in the university registry. **Unless specifically requested, please do not send a curriculum vitae.** Lincoln University accepts no responsibility to return original documents.

If you have any queries regarding your eligibility or how to apply, please contact the Scholarships Office on 0800 10 60 10 or scholarships@lincoln.ac.nz



POTATOES NEW ZEALAND SCHOLARSHIP

APPLICATION FORM

Student Information	
Family Name:	
First Name/s:	
Date of Birth:	
Postal address:	
Citizenship: <i>(please tick)</i>	NZ Citizen <input type="checkbox"/> NZ Permanent Resident <input type="checkbox"/> International <input type="checkbox"/>
Email address:	
Mobile number:	
Lincoln Student ID Number: <i>(if known)</i>	

Academic Information	
Highest Tertiary Qualification achieved:	
List all tertiary institutions you have previously studied at:	
Provide certified copies of academic transcripts for all tertiary qualifications from any institution other than Lincoln University:	Tick when attached <input type="checkbox"/>
List any Academic Distinctions:	
Course of Study at Lincoln:	
Please provide a statement (maximum one page) of your research proposal.	Tick when attached <input type="checkbox"/>
Provide an outline of your previous study/research experience and how it relates to this scholarship (one to two paragraphs)	Tick when attached <input type="checkbox"/>

Financial Information	
Please list all Scholarships, Bursaries or Awards you have received during your course of study at Lincoln University.	

References	
Please request two confidential academic letters of reference to support your application. Ask the referees to email their reference directly to the Scholarships Office – scholarships@lincoln.ac.nz	
Please provide the name, title, address, phone number and email address for your two referees:	
Referee 1:	Referee 2:

Declaration: I declare that the information contained in and provided in connection with this application is true and correct. I acknowledge that giving false or misleading information is a serious offence.	
Signature:	Date:

Please submit your application to the Lincoln University Scholarships Office no later than 11 March at 4pm.

Candidates shall submit applications via email to scholarships@lincoln.ac.nz

Web: www.lincoln.ac.nz/scholarships