

# DairyNZ Summer Internship 2024/25

## Optimising and reducing nitrogen in dairy farm systems

DairyNZ has an exciting opportunity for an undergraduate or recent graduate student to contribute to our 7-year Low Nitrogen Systems programme. This summer internship will see you gain valuable experience and new skills through a mix of hands-on fieldwork and office work using real data from farmlet trials.

With your enthusiasm to give anything a go, you'll be working alongside a passionate and supportive team on a variety of tasks including but not limited to, collecting forage, animal and soil samples, lab processing, data entry, handling and analysis using R and/or Excel. Report writing and presentation of key findings during your internship will also be included.

Along with opportunities to develop your data analysis skills, you'll also gain insights into dairy farm management and the resulting feed intake of the herd, and its impact on the nitrogen cycle inside the farm gate. This work is part of a wider programme aimed at practical and implementable farm management solutions that will significantly reduce nitrogen loss from dairy farm systems.

This internship is part of our Māori internship programme which has been running for the past five years. During your internship we will incorporate opportunities for you to engage in Mātauranga Māori including an overnight wānanga. We also support you post-internship with your study and/or career aspirations.

### Key requirements:

- A team player who's highly motivated and willing to learn
- Able to follow instructions and processes
- Strong attention to detail
- Comfortable working with cows
- Current undergraduate or recent graduate, studying biology, agricultural, environmental science, or similar discipline
- Basic foundation in statistics, data analysis and report writing
- Have an interest in working outdoors with animals and/or agriculture
- Knowledge of, or interest in, Mātauranga Māori

### Suitability:

- Previous knowledge & experience in dairying is not a requirement
- Previous knowledge of R is not a requirement
- Suitable for any 1<sup>st</sup> to 3<sup>rd</sup> year undergraduate or recent graduate

**Location:** Lincoln, Canterbury.

**Applications close:** Sunday 6<sup>th</sup> October 2024

**To apply:** Please fill in the application form below and email this along with a copy of your academic transcript to [recruitment@dairynz.co.nz](mailto:recruitment@dairynz.co.nz).

If you require a Word copy of the form to fill in, please email [recruitment@dairynz.co.nz](mailto:recruitment@dairynz.co.nz). Please note that a CV and cover letter, do not need to be submitted.



# DairyNZ Summer Internship 2024/25

Our purpose: **Progressing a positive future for Aotearoa, New Zealand dairy farming.**

*DairyNZ is the industry organisation that represents all dairy farmers in Aotearoa. With sustainable farming at the heart of what we do, we invest in research including delivering solutions to improve freshwater quality and reduce nitrogenous greenhouse gas emissions.*

*At DairyNZ, we seek ways to incorporate te ao Māori and mātauranga Māori in our research to derive better outcomes for our farmers, for Māori & for the dairy sector. It goes hand in hand, that we're dedicated to supporting the next generation of aspiring Māori researchers & scientists.*

## Internship Outline

This is a 10 - 12 week paid internship run between December 2024 to February 2025. The exact dates will be agreed between the Project Supervisor and successful candidate, with a two-week break over Christmas.

You will be supported throughout the internship by your Project Supervisor, our Kaiakiaki: Māori Development Advisor, and other helpful DairyNZ staff. During your internship you will also be exposed to other areas of DairyNZ including our research farms and provided with opportunities to connect with other students and some of the best and brightest people in agriculture.

Your day-to-day tasks could involve collecting data and samples on our research farms, lab processing, data entry and analysis using R and Excel, and report writing.

## Personal Information

*This information is collected to assess your suitability for this internship. Please complete this form personally, answer all questions, and sign the declaration. All applicants have the right to access personal information and request any correction to ensure its accuracy.*

Full name: \_\_\_\_\_

Mobile: \_\_\_\_\_ Date of birth: \_\_\_\_\_

Email: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Iwi affiliations: \_\_\_\_\_

Marae: \_\_\_\_\_

Do you have any medical issues we need to be aware of:

\_\_\_\_\_

What licence do you have? Full  Restricted  Learners  None

Next of kin: \_\_\_\_\_

Relationship to you: \_\_\_\_\_ Mobile: \_\_\_\_\_

If required, do you consent for DairyNZ to do a criminal history check?

Yes  No

If required, do you consent to a medical check including a drug test?

Yes  No



# DairyNZ Summer Internship 2024/25

Education Institute you're currently studying at: \_\_\_\_\_

Degree and major: \_\_\_\_\_

Are you an undergraduate student: Yes  No  Year of study: \_\_\_\_\_  
or a recent graduate Yes

Do you have any commitments between December and February that we need to be aware of:

\_\_\_\_\_  
\_\_\_\_\_

Please briefly outline why you're passionate about your chosen field of study:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Why does this internship appeal to you:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Are you familiar with software R and/or Excel? If so, please give details or examples of similar software that you've used.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please detail any experience you've had analysing data sets:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Do you have any interest or experience in animal physiology or agriculture?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# DairyNZ Summer Internship 2024/25

This internship will incorporate Mātauranga Māori. Please outline your understanding (if any) of Mātauranga Māori. Please also identify any involvement you may have with your community (marae, cultural activities etc.).

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Please list one referee. Ideally, a tutor or lecturer who can speak to your skills and knowledge.

Referee's Name: \_\_\_\_\_

Position Title: \_\_\_\_\_ Organisation: \_\_\_\_\_

Mobile: \_\_\_\_\_

Email: \_\_\_\_\_

Nature of your relationship: \_\_\_\_\_

How did you learn of this internship? \_\_\_\_\_

## Declaration

I, \_\_\_\_\_ declare that the answers to the questions in this application are true and correct and that any false or misleading information or suppression of material facts on this form or any other supporting documents may lead to disqualification, or if appointed, to termination of employment.

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

## Recruitment Process

1. Applications close Sunday 6<sup>th</sup> October 2024. Please submit this completed application and your current academic transcript to [recruitment@dairynz.co.nz](mailto:recruitment@dairynz.co.nz). Please note that a CV and Cover Letter, **do not** need to be submitted. Please **do not** apply online via our DairyNZ website.
2. You will be contacted via phone or email within one week of the close date, to inform you of the status of your application.
3. If your application progresses to the next stage, there will be a meet and greet with the Project Supervisor and our Kaiakiaki: Māori Development Advisor. This will be a good opportunity to find out more about the role and DairyNZ. A whanau member or support person is welcome to accompany you.
4. Reference checks will be done.
5. Applicant(s) will be informed of the outcome. For the successful applicant, a meeting will be arranged with the Project Supervisor to work through the details of the internship including start and end dates.

