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THIS ISSUE

- Julian is on her secondment in Canada.
- Raniel shares exciting milestone at the University of Reading!

Secondment at Agriculture and Agri-Food Canada

At the start of 2025, I embarked on an exciting journey to Quebec City, Canada, to begin my academic secondment at Agriculture and Agri-Food Canada (AAFC). At AAFC, I am working alongside Dr. Marie-Noëlle Thivierge and other researchers to study nutrient leaching (nitrogen, carbon, and phosphorus). Our goal is to understand how the interactions between crop type and fertilizer type influence nutrient leaching in long-term crop rotations with annual crops and perennial forages. This work is essential for developing strategies to reduce nutrient leaching during the growing season and after crop termination.

Moreover, this secondment provides an opportunity to expand my skill set by learning new techniques such as Stics modeling. It also allows me to experience the Canadian winter, learn about the Canadian culture, and build new professional relationships.

Julian Nyaga



COMING UP

The Legume Legacy Doctoral Network has an exciting lineup of training events this year!

We will kick off with an online training in February, featuring a module on scientific writing. In June, our team will gather in person at Aarhus University, Denmark, for an intensive program covering:

- LCA & Environmental Impact;
- Advanced Statistical Modelling;
- Agricultural Governance;
- Data Science;
- Assessing Cereal Quality;
- Writing Grant Proposals.

Stay tuned for updates and further details!

END OF THE 2 YEAR GRASSLAND PHASE IN THE UK

Exciting Milestone Reached in the LegumeLegacy Project!

The two-year grassland phase of our LegumeLegacy project in the UK has officially come to an end. The field site is now in its winter rest period, preparing for the next stage: the cereal crop phase with wheat, which will begin in spring 2025.

Over the past two years, the UK site completed five grazing-cut harvests (early maturity), four conservation-cut harvests (late maturity), and four harvests from the polytunnels (drought experiment). All samples are now being prepared for laboratory experiments scheduled for 2025.

This grassland phase has been a challenging (due to the weather) yet rewarding journey. It would not have been possible without the dedication and hard work of the amazing teams behind it from the Centre for Dairy Research and the Crop Research Unit at Sonning Farm.

Raniel Valencia



From left to right: Raniel Valencia, Chris Heyes, Alistair Smith, Chris Fawdry, Deborah Cockman, and Rafal Szoka.



From left to right: Raniel Valencia, Caroline Hadley, Richard Casebow, and Nephele Swann.

DONT MISS OUT!

Looking ahead to conferences in 2025, here are some key events currently on our radar with open registrations:

-  45th Conference on Applied Statistics in Ireland
 12–14 May 2025, University of Galway.
-  23rd European Grassland Federation Symposium
 15–17 September 2025, University of Reading, UK.
-  19th EUCARPIA Biometrics in Plant Breeding Meeting
 17–19 September 2025, Edinburgh, Scotland.



LegumeLegacy is an MSCA Doctoral Network

<https://legumelegacy.scss.tcd.ie/>

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