

Australia Awards Short Course

Pasture, Feed and Water Management Practices to Improve Dairy Livestock Productivity



The participants of the Australia Awards Short Course, 'Pasture, Feed and Water Management Practices to Improve Dairy Livestock Productivity', a course on improving pasture and forage management, seed technology, and feed and water practices to boost livestock productivity.

The Australia Awards Short Course, 'Pasture and Forage Management for Dairy Livestock' was led by Dr Dave Barber and Dr Ben Mullen, with 25 participants from across Indonesia. The course supported Indonesia's food security goals, particularly the Prabowo Government's 'free nutritious meals' policy, which aims to provide daily meals and milk to around 82 million beneficiaries.

With plans to significantly expand Indonesia's beef and dairy cattle herds, the course focused on improving pasture and forage management, seed technology and feed and water practices to boost livestock productivity. Participants developed knowledge relevant to diverse grazing environments across Indonesia and explored innovations in seed certification, feed additives and water management.

The program also benchmarked regional and global best practices, mapped key stakeholders in Indonesia and Australia, and identified opportunities for collaboration, including with Australian investors. The course fostered cross-sector engagement to strengthen Indonesia's capacity in sustainable livestock production and nutrition delivery.

Course Schedule

- **Pre-Course workshop**
28 – 30 May 2025
- **In-Australia program**
14 July – 25 July 2025
- **Post-Course workshop**
30 September – 2 October 2025





Participants on with Course Leaders at the opening ceremony at Griffith University, Nathan Campus

Site Visits

During the In-Australia program, participants had the opportunity to visit a variety of organisations and senior experts in the field. Featured site visits included: Dairy Research Facility, QDPI, Gatton; Rangeview Farm, Commercial Dairy Farm; Walkamin Research Station; and Tredagar Park, Mixed Ration Dairy Farm

Participants' Award Projects

During the course, participants completed an Award Project, applying the knowledge and skills gained throughout the program. Each participant leveraged their newfound insights to develop a project that they could implement into their work at the end of the course. The projects were presented at the post-course workshop to course leaders and peers for constructive feedback and evaluation. Projects included topics such as: *Increasing Productivity by Controlling Harvest Age of Napier Grass and Legume Supplementation*; *Assessment of Forage and Land Sufficiency for Dairy Cooperative's Products in Sukabumi*; And *The Effect of Grass and Silage Ratio on ADM, Milk Quality and Profitability of SH Dairy*.

Pre-Course Workshop

The 3-day Pre-Course workshop took place in Malang, Indonesia between 28 – 30 May 2025. The Pre-Course was presented by the course leaders and was designed to introduce the program objectives and expectations to the participants as well as provide them with an overview of the main topics.

Post-Course Workshop

The 3-day Post-Course workshop was held in Bandung, Indonesia, between 30 September – 2 October 2025. During the Post-Course, participants completed workshops, activities and site visits, summarising their learning from the course. Participants also had the opportunity to present their Award Projects, providing an opportunity for peer feedback and potential collaboration.

'This course has been very valuable for my professional growth. I gained practical knowledge in pasture, feed and dairy livestock management, and got to learn from experts and fellow participants. I also met people from different organisations, which opened up new opportunities for collaboration and student internships, such as at dairy farms in Australia. Exchanging ideas and best practices with others helped broaden my perspective and will be very useful for my work going forward.'

Participant, Pasture and Forage Management for Dairy Livestock Short Course

'This short course is incredibly valuable. It strengthens our connections and supports the future development of the dairy industry, as many of us will go on to become directors, heads, or leaders in our respective fields. It also contributes to a stronger partnership between Indonesia and Australia.'

Participant, Pasture and Forage Management for Dairy Livestock Short Course



Participants on a site visit speaking to industry experts in Atherton Tablelands.

For further information about the program, please contact:

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