

Australian Grassland Association Inc. Research Series No. 6

Pasture legumes for sustainable productive systems

*University of Western Australia, Perth
4th - 6th July 2023*



Registrations Now Open

<https://www.trybooking.com/CHQRB>

Full registration - \$660 inc GST (includes symposium dinner and field tour)

Student registration - \$ 450 inc GST (includes symposium dinner and field tour)

Program overleaf

For more information visit www.australiangrassland.org.au



Pasture legumes for sustainable productive systems



Program (This program is subject to change)

Day 1 - Tuesday 4th July - University of Western Australia

Registration 8.15 am - 9.00 am

Session 1. Welcome and setting the scene (9.00 am - 12.30 pm including morning tea)

- Opening Address: Australian Grassland Association President – Rowan Smith
- Overview of Western Australian agriculture Kadambot Siddique
- Pasture research in WA Clinton Revell, Hayley Norman, Phil Nichols and Rob Harrison
- A review of legume research and extension in New Zealand (1990-2022) - Derrick Moot
- Student five minute thesis competition - sponsored by the AW Howard Memorial Trust

LUNCH 12.30 pm - 1.30 pm

Session 2. Legume and mixed pastures for changing and variable climates (1.30- 5.00 pm)

- Legumes for lambs: perennial options for summer finishing pastures in southern New South Wales - Rebecca Stutz
- Variation in flowering time and flowering date stability within a cultivar of French serradella - Rebecca Haling
- Flowering responses of serradella (*Ornithopus* spp.) and subterranean clover (*Trifolium subterraneum* L.) to vernalisation and photoperiod and their role in maturity type determination and flowering date stability - Laura Goward
- Strawberry clover (*Trifolium fragiferum* L.): current status and future role in Australian agriculture - Rowan Smith
- Hard seed breakdown patterns of serradella (*Ornithopus* spp) in two contrasting environments of south-eastern Australia - Matthew Newell
- Legume persistence for grasslands in tableland environments of south-eastern Australia - Richard Hayes

Dinner - Frasers Restaurant, Kings Park (6.00 pm)

Day 2 - Wednesday 5th July - Whole day field tour departing University of Western Australia 8.00 am

Featuring visits to University of Western Australia Shenton Park field station and properties in the Gingin and Dandaragan regions. Return to Perth approximately 6.00 pm followed by dinner at the WA Rowing Club. All meals included.

Day 3 - Thursday 6th July - University of Western Australia

Session 3. Developing new pasture legumes (9.00 am - 12.45 pm, including morning tea)

- Successful creation of seedless (sterile) leucaena germplasm developed from interspecific hybridisation for use as forage - Daniel Real
- A simplified protocol to apply speed breeding techniques to temperate annual pasture legumes - David Peck
- Identification of promising accessions of subterranean clover (*Trifolium subterraneum* L.) from six years of genetic resource regeneration activity - N.K. Nazeri
- Prolonged waterlogging tolerance in *Trifolium subterraneum* ssp. *yannicum* - Gerelee Enkhat
- Flowering time of subterranean clover (*Trifolium subterraneum* L.) in Australia and New Zealand - Carmen Teixeria
- The effects of climate change on flowering of subterranean clover (*Trifolium subterraneum* L.) in New Zealand - J. Guo
- SerraMax yellow serradella (*Ornithopus compressus* L.) - a new annual pasture legume for livestock and cropping systems in southern Australia - Clinton Revell
- Advances in Genebank information systems to identify diversity in pasture genetic resources - Alan Humphries

LUNCH 12.45 pm - 1.45 pm

Session 4. Future Directions

(1.45 pm - 3.45 pm, including facilitated discussion)

- Reducing enteric methane of ruminants in Australian grazing systems - a review of the role for temperate legumes and herbs - Warwick Badgery
- Highlights from the International Grasslands Congress (USA May 2023)

Symposium wrap up and close

(3.45 pm - 4.00 pm)

Accommodation Options

[Mounts Bay Apartments/Nesuto Apartment Hotel Perth](#)

[Quest Perth Mounts Bay Road Apartment Hotel](#)

[Kings Park Motel](#)

[Wonil Hotel](#)

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