



## Advances in sustainable Leucaena production

James Lawrence Pavilion – Room 1

Tuesday, 5 May 2009 – 8.30 am – 10.00 am

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It's all about Leucaena!! The latest developments in:

- research findings
- management
- impact on your bottom line.

**Plus** two case study style presentations outlining the experiences of producers growing leucaena in two different production systems.

Presenters will include

- Stuart Buck, Senior Agronomist, DPI&F, Biloela  
*"Accelerated Adoption of Leucaena" - An outline the DPI&F 'Accelerated Adoption of Leucaena' imitative, including the on-farm development and extension activities that will assist producers to successfully establish and manage Leucaena in grass-pastures.*
- Soctt Dalzell, University of Queensland
- Kevin Graham, The Leucaena Network
- Ron Carige, Beef producer, Mundubbera
- Tom Wagner, Beef producer

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## About the speakers

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### Stuart Buck

Stuart has spent over 13 years undertaking research, development and extension activities in central Queensland dryland farming systems. Stuart has recently concluded a regional study investigating the impacts of subsoil constraints on grain production, and is now leading the DPI&F funded initiative 'Accelerated Adoption of *Leucaena*'. Stuart will be building on the efforts of established organisations that have promoted *Leucaena* adoption to undertake development and on-farm extension activities that are linked to existing networks associated with the CQ BEEF and CQ Sustainable Farming Systems projects. Other interested producers keen to work with this *Leucaena* adoption project can contact Stuart at the Biloela DPI&F.



### Scott Dalzell

Born and bred in Brisbane, Scott got interested in agriculture as a kid who holidayed every year in rural Australia. He enjoyed chemistry, biology and geography at school and when planning his career combined an interest in 'the bush' with a love of science. Scott completed a Bachelor of Agricultural Science, majoring in agronomy, at the University of Queensland with 1st Class Honours in 1994.

Scott undertook a PhD at UQ on the topic of evaluating the forage quality, particularly foliar condensed tannin concentrations, of the entire *Leucaena* genus (some 22 species and subspecies) and the impact environmental conditions (climate & soil fertility) had on plant condensed tannin status. He was awarded my PhD in 2000.

Since 2000, Scott has worked as a research fellow at UQ jointly appointed to the Schools of Land, Crop & Food Sciences and Animal Studies. He has worked on projects looking at:

- the grazing potential of weed *leucaena* in far north Qld;
- breeding psyllid-resistant hybrid *Leucaena* varieties for Qld;
- gauging the extent and causes of *leucaena* toxicity in Qld;
- publishing a graziers' manual entitled *Leucaena - A guide to establishment and management*;
- the development of an on-farm diagnostic test kit to detect *leucaena* toxicity in cattle; and
- the efficacy of different sources of rumen bacteria *Synergistes jonesii* to prevent *leucaena* toxicity and the impact toxicity has on animal health and productivity in commercial cattle herds.

Scott is a member of The Tropical Grassland Society of Australia and The *Leucaena* Network. He has co-ordinated the very successful *Leucaena for Profit and Sustainability* training courses run by UQ and The *Leucaena* Network. Whilst focussing on *leucaena* RD&E, Scott has a broad interest in pasture science, forage agronomy and agroforestry.