



Field tour 2

Irrigated and dryland cropping systems:

How do soil, climate and markets define dryland and irrigated cropping system options on the Darling Downs?

SITES: PAMPAS AND NANGWEE

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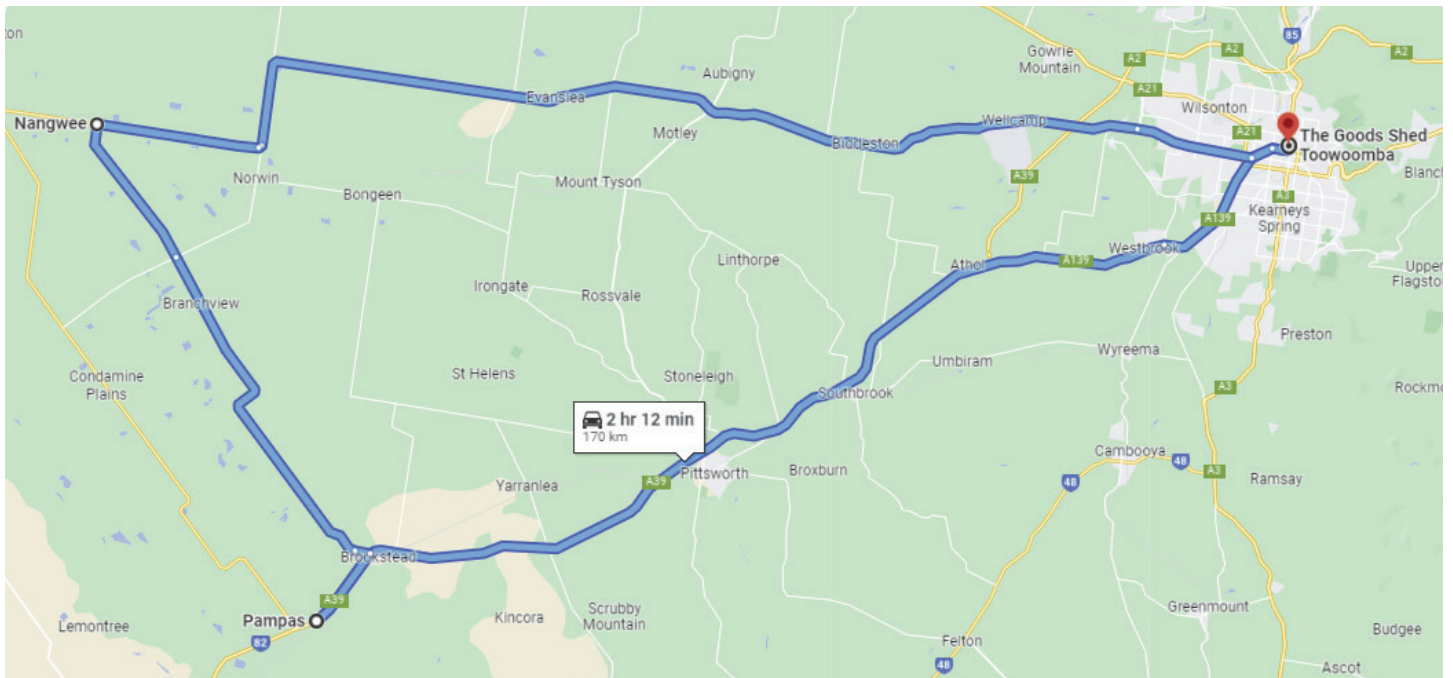
18-22 SEPTEMBER 2022, EMPIRE THEATRE, TOOWOOMBA, QLD
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Irrigated and dryland cropping systems: How do soil, climate and markets define dryland and irrigated cropping system options on the Darling Downs?

ABOUT

The Darling Downs hold some of the most diverse, sustainable and technically advanced cropping farms in Australia. On this field trip you will learn how farmers can maximise water productivity at both the crop and cropping system level; how subsoil constraints condition the choice of crops and even farm activities (cropping / grazing); and how farmers are adopting transformational technologies such as sowing summer crops in winter, moving from furrow and overhead irrigation into subsoil micro-gravity irrigation.



LOCATION

Darling Downs (Pampas and Nangwee), Queensland, Australia

ITINERARY

TIME	Departure/arrivals
9.00am	Depart The Goods Shed, Toowoomba
10:00am-12:00pm	<p>Arrive at Pampas Farming Systems Trial</p> <ul style="list-style-type: none"> Welcome & Outline addressing: <ul style="list-style-type: none"> What is the problem? What is the research question? What was done? Experimental design, treatments, analysis of data What the results are showing so far? What does it mean for farmers? So what? What is new? What are the implications of the work? What will happen next? Field walk with questions and answers and discussions
12:00pm-12:30pm	Drive to Nangwee (lunch on bus)
1:00pm-3:00pm	<p>Arrive at Nangwee</p> <p>Panel of brief shed talks and Q&A with farmers, agronomists, and researchers:</p> <ul style="list-style-type: none"> New irrigation technologies such as micro-gravity irrigation have potential to significantly increase water use efficiencies and farmers returns. In this stop we will meet cotton growers that have adopted N-Drip technologies and will listen to researchers and N-Drip managers on the adoption of the technology. Can and should we consider sowing summer crops in winter (shed talk with Joe Eyre) Harvesting 20t/ha/year of grain sorghum (shed talk with Daniel Rodriguez)
3:00pm-4:00pm	Depart back to The Goods Shed, Toowoomba

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