



# Field tour 4

**Adapting to variability and change:** How do farmers from the northern region manage climate variability and prepare for climate change?

**SITES: UQ GATTON AND USQ TOOWOOMBA**

20TH AUSTRALIAN AGRONOMY CONFERENCE

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18–22 SEPTEMBER 2022, EMPIRE THEATRE, TOOWOOMBA, QLD  
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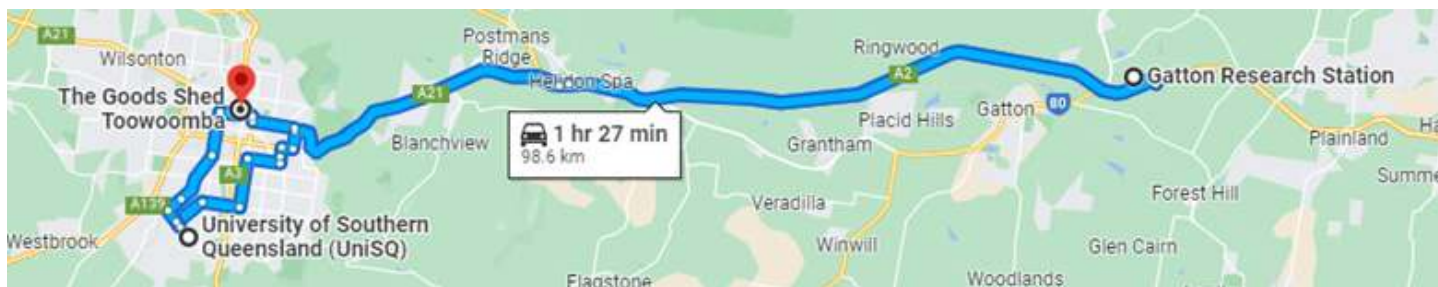
## **Adapting to variability and change: How do farmers from the northern region manage climate variability and prepare for climate change?**

### **ABOUT**

Managing farming systems and coping with climate change has been the focus of many farmers in the Northern region. Diversifying cropping systems and managing difficult pests, weeds and diseases will be crucial for farmers to adapt to climate variability and change. This field tour will look at the benefits of incorporating pulses into farming systems in the Northern region to diversify farmers income; managing herbicide resistance and the role of integrated weed management systems; the incursion of new pests (Fall Armyworm); advances in crop pathology and the integration of climate and crop modelling research with the latest Agri-Technologies.

# LOCATION

Department of Agriculture & Fisheries, Gatton & The University of Southern Queensland (UniSQ) Toowoomba Queensland, Australia



# ITINERARY

TIME	Departure/arrivals
9:00am	Depart The Goods Shed, Toowoomba
9:45am-10:40am	<b>Arrive at DAF Gatton</b> <ul style="list-style-type: none"> <li>Welcome &amp; outline for the first stop</li> <li>Pulse Research with Dr Fernanda Dreccer</li> </ul>
10:40am-11:00am	Morning tea
11:00am-11:45am	<ul style="list-style-type: none"> <li>Soil water research with Dongxue Zhao</li> <li>Fall army worm research trial with Trever Volp</li> </ul>
11:45am-12:00pm	Make way to bus & Depart DAF Gatton and drive to UniSQ
12:45pm	<b>Arrive UniSQ, Toowoomba</b> <ul style="list-style-type: none"> <li>Lunch</li> </ul>
1.30pm	<ul style="list-style-type: none"> <li>Tour of Agricultural Science and Engineering Precinct with Gavin Ash</li> <li>Centre for Crop Health researchers with Dante Adorada</li> <li>Space Agriculture with Jacob Humpal</li> <li>High throughput phenotyping tools with Derek Long</li> <li>Climate Variability</li> </ul>
3.00pm	Tour of USQ hypersonic facility (wind tunnel)
3:30pm	Depart UniSQ, Toowoomba
3:45pm	Arrive at The Goods Shed





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