

Orchard Intensification and Robotics Field Day Mango & Avocado

Thursday November 8th 8:30am – 12:30pm
DAF Walkamin Research Station, Kennedy Highway

Presentation Session 8:30am – 10:05am

Small Tree High Productivity Initiative Update – Mango & Avocado

Dr. Ian Bally (Mareeba DAF) & Helen Hofman (Bundaberg DAF)

Robotics and Automation in Tropical Tree Crops

Learnings from local Nuffield Scholar Mr. Matt Fealy (Blue Sky Produce)

Orchard intensification, yield estimation and automated harvest

Dr. Kerry Walsh, (Rockhampton Central Queensland University)

Transforming Mango Futures – Commercial scale high-density trials on farms

Dr. Geoff Dickinson (Mareeba DAF)

Field Walk 10:30am – 12:30pm Small Tree High Productivity Initiative Mango Research Site
5 Year old trees

**Low, medium & high density plantings, Limb bending, Pruning & trellising training ,
Measuring and improving light interception in the orchard , Yield assessments, Vigour
reducing rootstocks**

Dr. Ian Bally, Dr. Paula Ibell, Dr. Kare Mahmud (Mareeba DAF)

Imaging technology for mapping flowering & fruit load and automated harvest

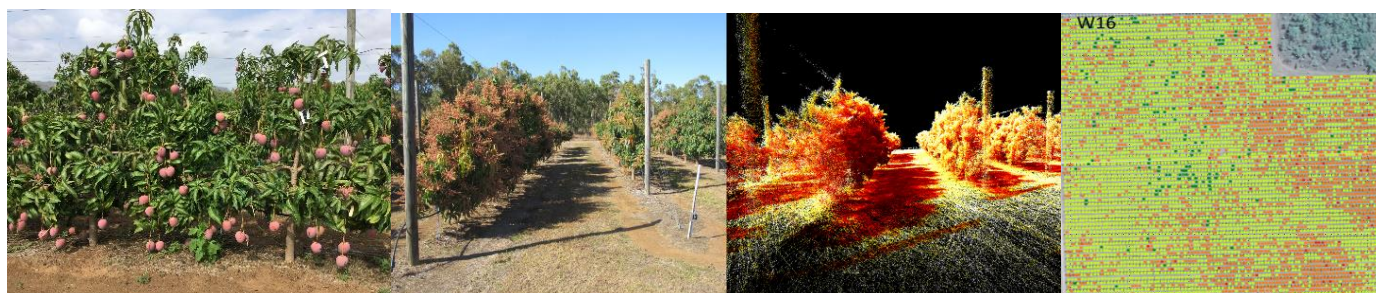
Dr. Kerry Walsh (Rockhampton CQU)

Insect population dynamics in intense systems

Mr. Stef De Faveri & Mrs. Jodie Cheesman (Mareeba DAF)

Economics of trellis systems

Dr. James Drinnan (Mareeba DAF)



Guests will be required to use footbath prior to entry onto farm. Please wear covered shoes and sun protective clothing

RSVP to Ebony Faichney at ebony.faichney@daf.qld.gov.au or 0491212948

