

PAANZ Workshop Technology to reduce N leaching

FOR ALL DAIRY AND ARABLE FARMERS

If you're under pressure to mitigate N leaching, and improve efficiency and profitability on farm, then this workshop is for you.

DATE: Thursday 1st September 2016

VENUE: Japan Lecture Theatre,
University House, Massey University
Campus, Palmerston North

TIME: 10am - 4pm

COSTS: Attendees \$100 per person

Register here: paanzworkshopPN.lilregie.com

Register by: 29th August 2016



Precision Agriculture
Association New Zealand

TECHNOLOGY FOR SUSTAINABLE GROWTH

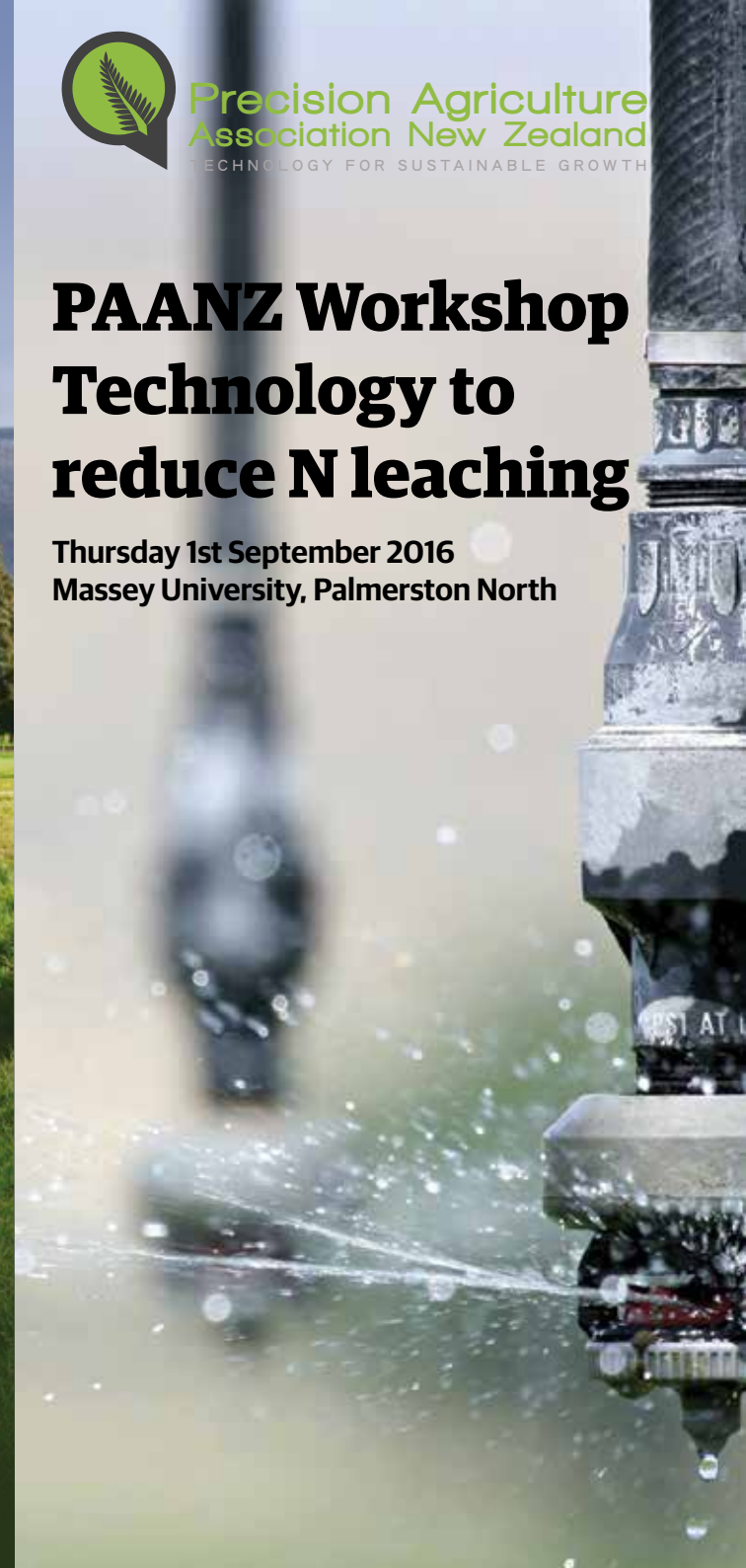


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Thursday 1st September 2016
Massey University, Palmerston North



Programme

START TIME : 10am

Workshop Chair

Mike Manning PAANZ committee member

Welcome

Craige Mackenzie PAANZ Chair

SESSION 1: 10.15am - 12pm

• **Craige Mackenzie - Greenvale Pastures**

Where are we and what can we do with nitrate leaching limits?

• **Dr Brendon Malcolm - Plant & Food Research**

What soils and what farming activities are leaching hot spots and why?

• **Dr Carolyn Hedley, Landcare, with Prof Ian Yule**
The ability of EM and Variable rate irrigation to reduce N leaching

Case study on risks, costs, benefits and providers as to what can be achieved in reducing nitrate leaching.

• **Dr Tony Davoren - Hydroservices**
The ability of soil moisture sensors, irrigation scheduling and water metering to reduce N leaching

Case study on costs benefits risks and providers.

• **Dr Ants Roberts - Ravensdown Limited**
Nitrogen Fertilisers

Applying the right amount at the right time and what happens to N leaching when we get it wrong.

• **Prof. Mike Hedley - Massey University**
Identifying seasonal dairy farm nitrogen (N) surpluses and reducing the risk of N loss to water

What dairy farm systems can one adopt to materially reduce the nitrate leaching whilst maintaining or improving profitability?

LUNCH: 12pm - 1.30pm

SESSION 2: 1.30pm - 3pm

• **Prof Ian Yule - Massey University**
Emerging PA Technologies in 1 to 3 years to reduce Nitrogen Leaching

Emerging PA Technologies in 3 to 8 years to reduce Nitrogen Leaching

• **Diana Mathers - FAR**
and Matthew Norris - Plant & Food Research
Flux meters in arable systems

SESSION 3: 3pm - 4pm

• **Q & A with presenters**

CLOSE and THANKS: Craige Mackenzie
