



Day 1 Wednesday 23 May

08:00 – 09:00 REGISTRATION

(Hover and Click Links for Details)

9:00 – 10:30 Session 1: Sustainable Production (Chair, Dan Bloomer)

- 9:00 Introductions
- 9:10 Platinum Sponsor – Hawke’s Bay Regional Council
- 9:20 Sustainable Crop Production: Field and Farmscape Management (Dan Drost – Utah State University)
- 10:00 Future Proofing Vegetable Production (Dan Bloomer – LandWISE)
- 10:20 Sixty Second Sponsor Slots

10:30 – 11:00 Netafim Morning Tea

11:00 – 12:40 Session 2: Precision Drainage (Chair, Simon Wilcox)

- 11:00 Drainage: Data capture, planning and application (Will Bignell - DroneAg)
- 11:40 Levelling the MicroFarm – what to do afterwards? (Dan Bloomer – LandWISE)
- 11:55 Precision Drainage for Permanent Crops (Tim Herman – NZ Apples and Pears)
- 12:10 Start-up and app developer pitches

12:30 – 13:30 Lunch

13:30 – 15:00 Session 3: How accurate? (Chair, Brendan Powell)

- 13:30 Platinum Sponsor – BASF Crop Protection
- 13:40 SBAS – an augmented satellite signal for New Zealand and Australia (John Ahearn – GPS Control Systems)
- 13:55 Maintaining Data Quality in field sensor networks (Mark Bart – Metris)
- 14:15 Using GIS for Farm Management (Thomas Taylor - Ravensdown)
- 14:30 LandWISE AGM

15:00 – 15:30 Apatu Group Afternoon Tea

15:30 – 17:00 Session 4: Managing Nitrogen (Chair, Ollie Knowles)

- 15:30 Practical Use of Variable Rate Spreading (Michael Nichols – Redbank Farming – Tasmania)
- 16:00 Mapping and Modelling – implications for Nitrogen application (Bruce Searle – Plant & Food Research)
- 16:20 The Quick Test for Nitrates (Matt Norris – Plant & Food Research)
- 16:40 Wood chip filters for nitrogen removal (Aldrin Rivas – Lincoln AgriTech)
- 17:00 Wrap up Day 1

18:00 – 18:30 Pre-Dinner Drinks

18:30 – 21:30 Conference Dinner





Day 2 Thursday 24 May

08:30 – 09:00 REGISTRATION

(Hover and Click Links for Details)

9:00 – 10:30 Session 5: Managing Crop Health (Chair, John Evans)

- 9:00 Introductions
- 9:05 Platinum Sponsor– Power Farming
- 9:15 UAV sensing and site specific risk assessment for disease management (Sarah Pethybridge – Cornell University)
- 9:50 Mapping Onions – what did we learn? (Dan Bloomer – LandWISE)
- 10:10 Automated Insect traps (Taylor Welsh – Plant & Food)

10:30 – 11:00 Ballance Agri-Nutrients Morning Tea

11:00 – 12:30 Session 6: From Plant to Planning (Chair, Mark Burgess)

- 11:00 A robotic platform for canopy monitoring (Matthew Warner and Nicholas Woon – Acuris Systems)
- 11:20 Understanding the customer to make orchard data easy (Matty Blomfield – Hectre)
- 11:40 Vineyard sensing and forecasting – the “Grape Yield Analyser” (Armin Werner – Lincoln AgriTech)
- 12:00 Information from grapevine to desk for timely decision making (Shane Wood – Vinea)
- 12:20 Outline Field Event

12:30 – 13:30 Lunch

13:30 – 15:30 Session 7: Horizons Regional Council Practical Session

- 13:45 UAS Demonstration
- 14:00 (Repeated concurrent demonstrations) Acuris Robot, Electric Weeding pH and EC mapping, Quick Test Nitrogen
- 14:20

Afternoon Tea

15:30 CONFERENCE FINISH

Friday 25 May - The Technical Sessions – registration by application

9:00 – 12:30 Part 1: Implementing new technologies to manage crop health

What farmers and growers actually want – examples from cropping and horticulture
Some technologies and systems available.

12:30 – 13:00 Lunch

13:00 – 17:00 Part 2: Collaboration

Opportunities for joint activities/research

