




## Agronomy Society 50<sup>th</sup> Anniversary Symposium

12–13 April 2022 - Lincoln University, New Zealand

**THEME: Environmental impact & solutions for arable & horticultural farm systems**

DAY 1: Tuesday 12 April (10:00 am – 5:00 pm)		
10:00 am	ARRIVAL & MORNING TEA	
10:30 am	<b>President's Welcome</b>	Craig McGill Massey University
10:40 am	Ambling in Arable	
11:10 am	<b>Nutrient management for arable systems</b>	
11:15 am	Irrigation scheme nutrient management in an arable dense area	Eva Harris Irrigo Centre
11:35 am	Nitrogen Use Efficiency	Dirk Wallace, FAR
11:55 am	Soil testing for improved nitrogen management	Mike Beare, Plant & Food Research
12:20 pm	Decision rules for crop nitrogen management	Murray Craighead, Nutrient Solutions
12:45 pm	LUNCH	
1:30 pm	<b>Soil protection</b>	
1:35 pm	Changes and impacts of tillage in cropping systems	Trish Fraser, Plant & Food Research
1:55 pm	Catch crops to reduce nitrogen leaching	Peter Carey, Brendon Malcolm Agritech/Plant & Food Research
2:15 pm	Soil structure & water storage	Wei Hu, Plant & Food Research
2:35 pm	Modelling as an instrument to improve soil protection	Rogério Cichota, Plant & Food Research
2:50 pm	AFTERNOON TEA	
3:25 pm	<b>Future farm systems</b>	
3:30 pm	Precision Ag for Future Farm Systems	Ian Yule, PlantTech Research Institute
3:55 pm	Future proofing farming – precision principles in vegetable systems	Dan Bloomer, Landwise
4:15 pm	Reducing pesticide/fungicide use in New Zealand arable systems	Hamish Marr, Marr Farms
4:35 pm	Riparian Setbacks – an update	Abie Horrocks, FAR
5:00 pm	Wrap up and Finish	

6:30 pm	<b>Anniversary Dinner (Tuesday)</b> <ul style="list-style-type: none"> <li>• Drinks/Meal</li> <li>• Sponsor talk</li> <li>• Keynote speaker - Michael Dunbier</li> </ul>	
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**DAY 2: Wednesday 13 April (8:30 am – 3:00 pm)**

8:30 am	<b>ARRIVAL + MORNING TEA</b>	
8:45 am	<b>Greenhouse gases and carbon sequestration</b>	 FUTURE SHAPERS
8:50 am	Mitigating GHG emissions from arable and vegetable cropping systems	Steve Thomas, Plant & Food Research
9:10 am	Toitu - research into GHG auditing	Martin Barry, Toitū Envirocare
9:35 am	Greenhouse gas emissions from cropping systems	Sam McNally, Plant & Food Research
10:00 am	Greenhouse gas emissions from perennial horticultural systems	Brent Clothier, Plant & Food Research
10:25 pm	Pine versus native trees for sequestration	Bradley Case, AUT
10:40 am	<b>MORNING TEA</b>	
11:10 am	<b>Options for horticultural diversification</b>	
11:15 am	Climate change & cropping systems	Jim Salinger, University of Tasmania
11:40 am	Farming diversification and processing opportunities	Dennis Carter, Carter Seed Management
12:00 pm	Hops – what is the potential and the Hapi project	Dave Dunbar, Freestyle Hops
12:20 pm	Tomatoes - opportunities	Helen Barnes, TomatoesNZ
12:40 pm	<b>LUNCH</b>	
1:25 pm	<b>Extracting value from commodity products</b>	
1:30 pm	Pure oil – a value added story	Nick Murney, Pure Oil NZ
1:50 pm	Hemp – can it live up to the hype?	Jo Townshend, Midlands Holdings
2:10 pm	OATS: adding value	Keith Armstrong Global Oats Ltd
2:30 pm	Diverse products for diverse markets	Ivan Lawrie, FAR
2:50 pm	Wrap up and Finish	

