



## Wednesday 23 June: 8:00am – 5:30pm

8:00am **Registration**

8:30am **Housekeeping/General notices**

8:40am **Welcome.** Dan Brier, B+LNZ Genetics

9:00am **Genomic Introgression: A Future Tool For Breeders?**

Professor Dorian Garrick, Massey University

Genomic introgression (or Marker-Assisted Introgression) is widely used in plant breeding to stack attributes from different varieties into a new improved variety. Massey University's Professor Dorian Garrick opens the lid on this technology and on how it could be applied to a sheep breeding operation.

9:50am **Low Methane-emitting Sheep Are Now A Reality. What's Planned For The Future?** Suzanne Rowe, AgResearch

Following the launch of a methane breeding value in 2019, New Zealand sheep breeders can now select sheep with lower methane emissions. Dr Suzanne Rowe provides insight into the results to date and what's planned for this project beyond 2021.

10:30am **Morning tea**

11:00am **Open Mic Session: Important NZGE Updates**

Sarah Powdrell, B+LNZ Genetics

Sheep Genetics Operations Specialist Sarah Powdrell will facilitate this session on important updates and modules within the NZGE, presented by the NZGE Science and Technical team. Topics include Base Year and Index review, the inclusion of Wool in NZMW, Shedding BVs, the Maternal/Terminal evaluation strategy and expensive to record traits. We're expecting questions to flow thick and fast in both directions, so we've allowed generous time for some robust discussion.

1:00pm **Lunch**

2:15pm

**Bus to Pāmu Ahuriri Station**

2:30pm

**Welcome to Pāmu Ahuriri Station**

Pāmu staff

Pāmu's Ahuriri Station is an 1179ha property that was uplifted out of the sea during the 1931 Napier earthquake. It runs a mixed cropping, sheep and beef trading and finishing system. Being located behind the airport and having a public walking trail with significant Māori heritage going through the farm, the station is exposed to public perception. The coastal location and nature of the property presents a challenging environment for farming. Hear how the team have tailored their practices to respect the environment and heritage while running a profitable system.

**Breeding For Resistance To Parasites: Insights From Kikitango Stud**

Gordon Levet, Kikitango Stud

Northland breeder Gordon Levet has spent a lifetime breeding sheep for parasite resistance. While improving the resistance to parasites, the Kikitango Romneys flock consistently improved facial eczema tolerance and continued to make progress in lamb growth rates. Around 80% of their stud rams were undrenched and no ewes had any form of drench for at least 15 years. Gordon will take us through what he's learned from over 30 years of breeding for parasite resistance, and the possibilities for the future.

**Let's Talk Wool.**

Big Save Furniture team

Big Save Furniture has committed to using more renewable sources for their furniture, strong wool in its products and paying growers a fair price. Their wool sofa range is already proving a hit with consumers, and they've got more exciting product developments in the pipeline. Hear first-hand what they've got planned for wool within their business.

5:15pm

**Bus returns to Napier**

6:30pm

**Drinks and Dinner**

## Thursday 24 June: 8:00am – 3:30pm

8:00am	<b>Welcome</b>	11:45am	<b>B+LNZ Genetics Strategy And Science Programme Update</b> Dan Brier & Suzanne Keeling, B+LNZ Genetics
8:15am	<b>From The Coalface: Experiences And Insights Hosting The Low Input Progeny Test.</b> Robert Peacock, Orari Gorge Station  For the last three years, Orari Gorge Station has been home to the Low Input Sheep Progeny Test. Owner Robert Peacock shares his experiences hosting the trial. With failing drenches, staff shortages and on-farm costs rising, could a focus on low input traits offer solutions?		In 2019, B+LNZ Genetics' initial funding arrangement ended and it was integrated into B+LNZ as a separate business unit, with B+LNZ taking over sole funding of genetics activities. What does this mean for breeders and B+LNZ Genetics' sheep and beef science programmes? Sector Science Strategy Manager Suzanne Keeling provides an update on the new Facial Eczema research programme.
8:45am	<b>Doing The Science: "Low Input" Results.</b> Tricia Johnson, AgResearch  Members of the AgResearch team are heavily involved in measuring many aspects of the Low Input Progeny Test, including pneumonia, methane emissions and feed efficiency. Tricia Johnson takes us through the results and observations from the trial. When it comes to the philosophy of "low input" farming, what are the pros? The cons?	12:15pm	<b>Lunch</b>
9:15am	<b>Thinking Outside The Box: How Do We Adapt For The Future?</b> Panel Session: Sam McIvor (B+LNZ), Julia Jones (NZX), Tricia Johnson (AgResearch) & Paul Crick, Glenside Station.  Is change more significant for farming now than ever before, or does it just feel that way? In the face of changing consumer preferences, environmental regulations and technology advancements, what can (and should) we do about it? What opportunities exist for the New Zealand sheep industry and what role do breeders play in impacting that future.	1:15pm	<b>Afternoon Workshops – Pick'n'mix sessions (30min each)</b>  <b>1) Methane BVs: How To Make The Most Of My Measures?</b> Suzanne Rowe, AgResearch  <b>2) nProve For Breeders: A Hands-on Session</b> David Campbell, B+LNZ Genetics  <b>3) Visual Scores And Best Practice Guide: Developments To Date</b> Sharon McIntyre, B+LNZ Genetics  <b>4) Future Research Needs of Breeders</b> Suzanne Keeling, B+LNZ Genetics  <b>5) B+LNZ's Farm Planning And Resources</b> Ron Pellow, Beef + Lamb New Zealand
10:30am	<b>Morning tea</b>	3:15pm	<b>Closing Summary</b>
11:00am	<b>Beef + Lamb New Zealand Referendum Update</b> Sam McIvor, Beef + Lamb New Zealand  This year's referendum is your chance to have a say on the future of our industry. B+LNZ CEO Sam McIvor will provide an update on the referendum offer and how your levies are invested across B+LNZ work programmes. It's an opportunity to ask questions or provide feedback on what's important to you.		