Research Scientist

NSW GOVERNMENT | Department of Primary Industries

Purpose

My research improves the accuracy of selecting stock for meat yield, meat quality and other traits important in Merino dual-purpose production systems, such as wool. This helps Merino producers diversify their business and meet consumer demands.

The data will result in Merino Australian Sheep Breeding Values (ASBVs) which will give producers greater confidence in selecting genetics to improve their wool and meat production.

A typical day in your role

This role has a great mix of office and field work. I collect and analyse a lot of data and run it through software programs. I love 'crunching numbers'! And I search the data outputs for and identify heritable traits which can be selectively bred to improve Merino production.

Personal attributes

- curiosity
- high attention to detail
- problem solving skills
- passion to create solutions for farmers.

Quote

"This role is about being interested in the detail and wanting to put the pieces of the puzzle together, to come up with answers useful to farmers. It's being a detective who helps farmers".

Education and training

Bachelor of Science and PhD focusing on Sheep and Wool Production at the University of New South Wales, Sydney.

Dr Sue Mortimer

Research Officer Quantitative Genetics | Livestock Systems

For more detail about Sue's role watch her video