

meatup

FORUM

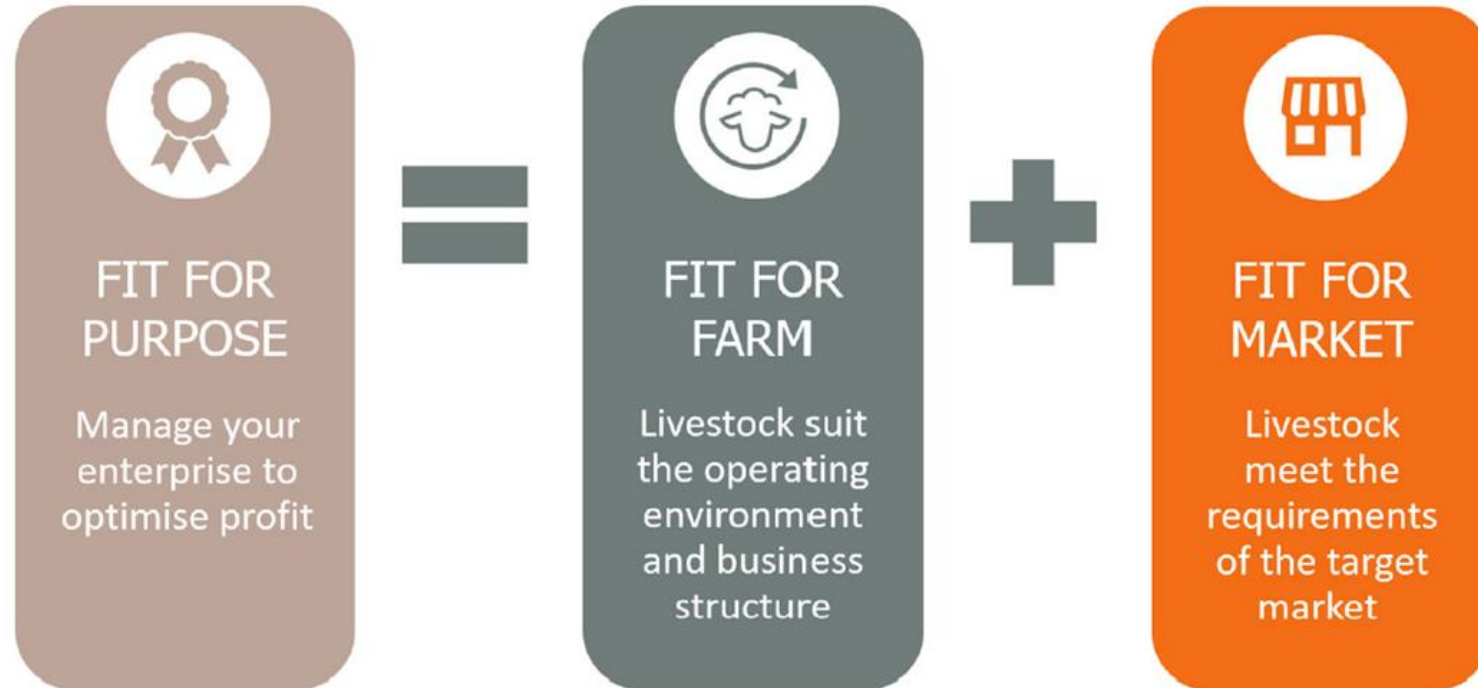
For the latest in red meat R&D

BredWell FedWell – breeding and feeding to maximise profit

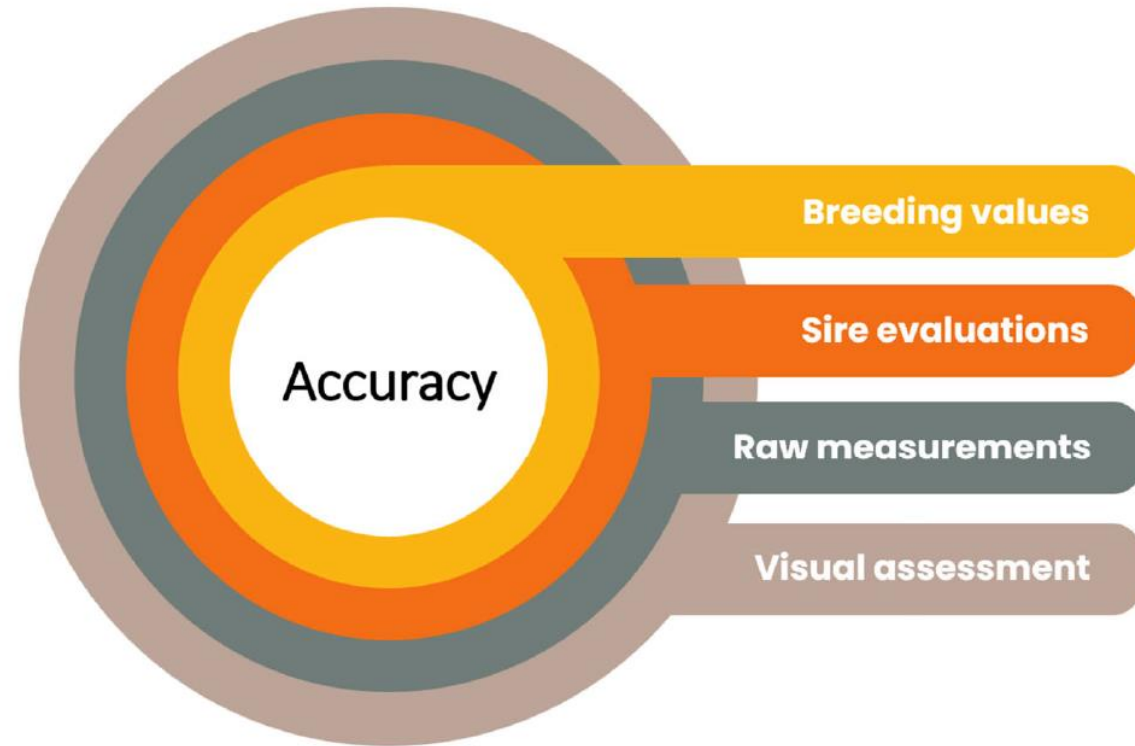
Dr Sarita Guy

MLA, Project Manager - Genetics Adoption

Defining your objectives



Breeding well

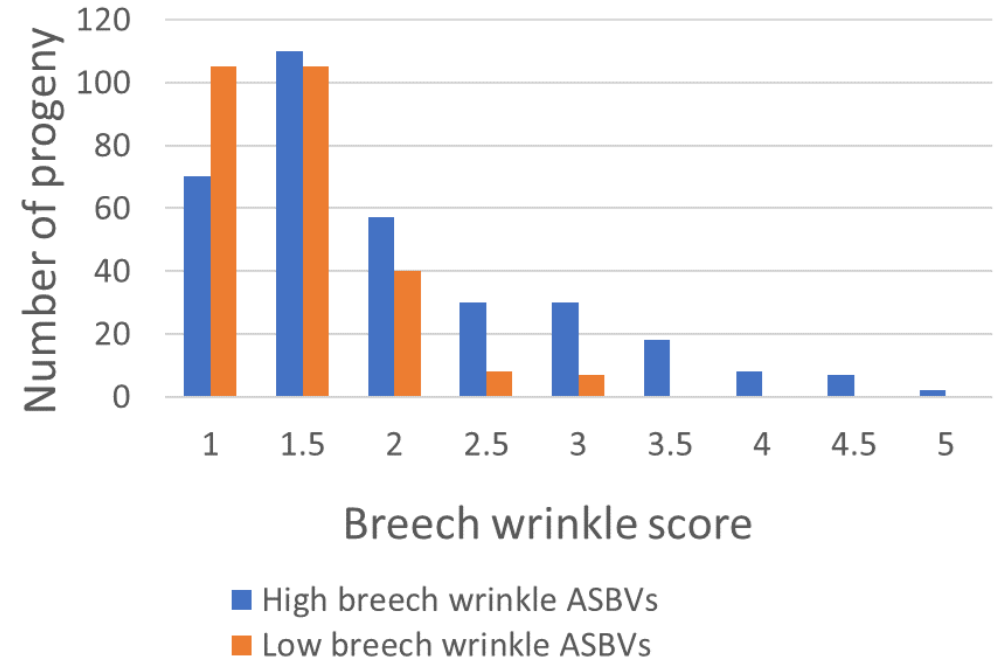
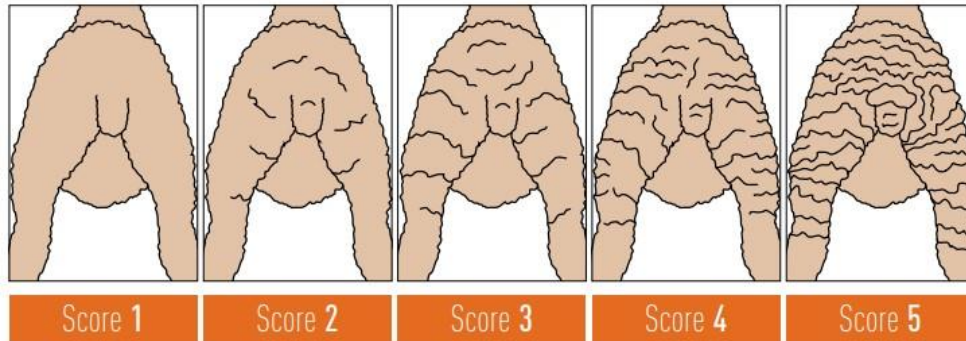




Do breeding values work?



Transition to a non-mulesed flock



It's not all about genetics...

$$\mathbf{P} = \mathbf{G} + \mathbf{E}$$

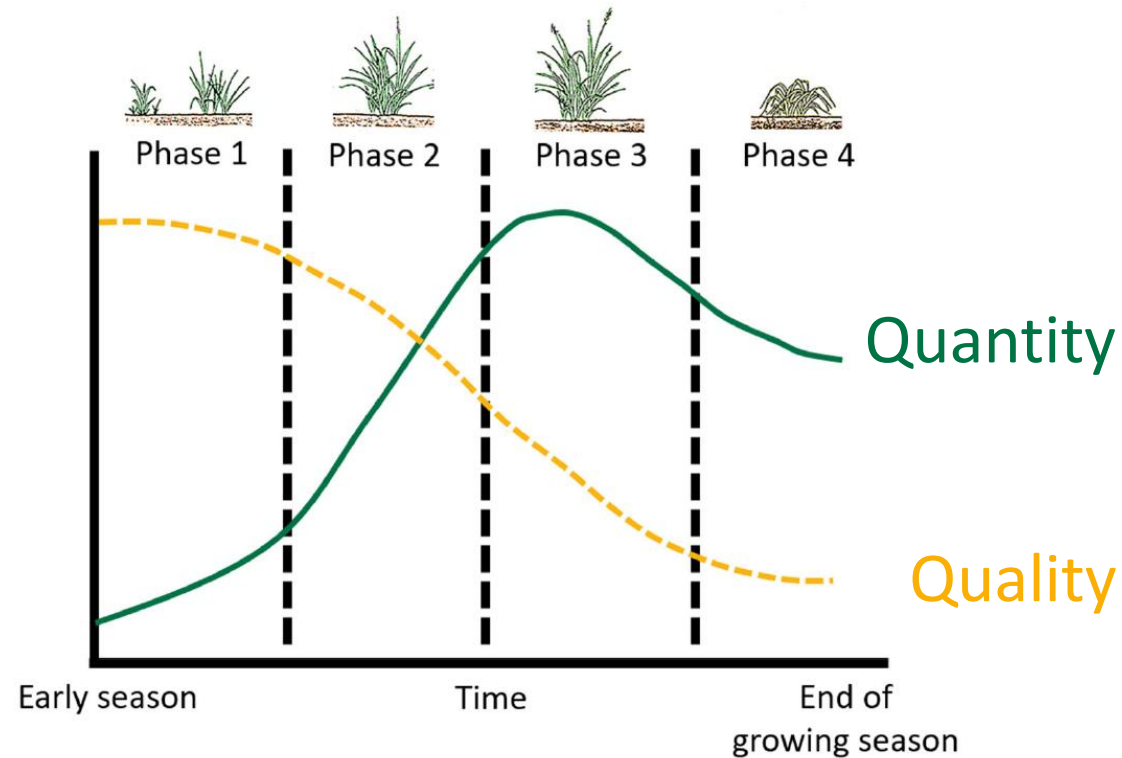
Phenotype
(performance)

Genes

Environment
(non-genetic factors)

Feeding well

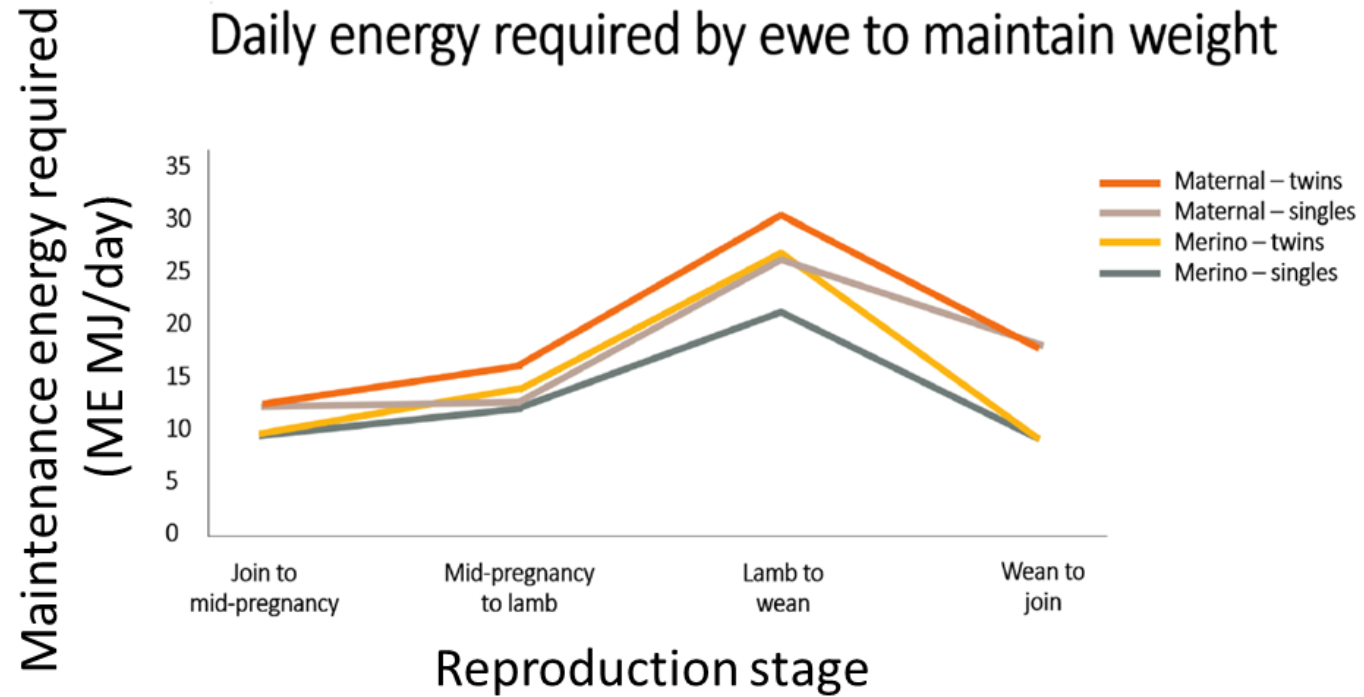
Feed supply



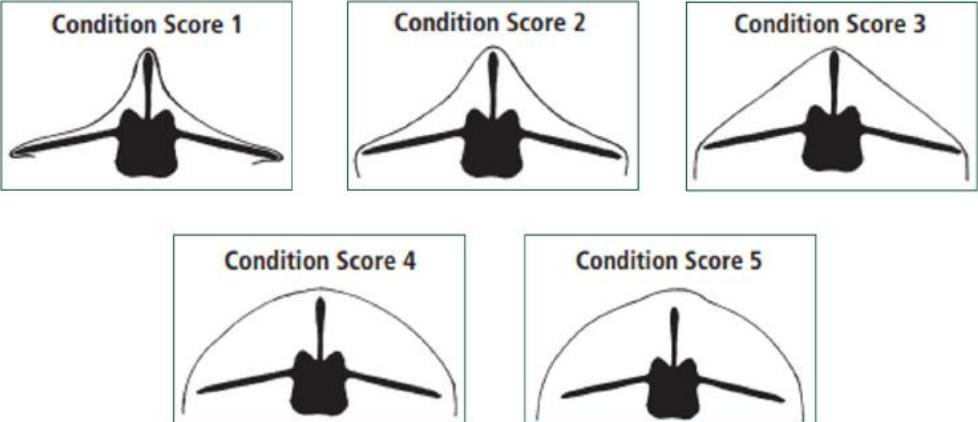
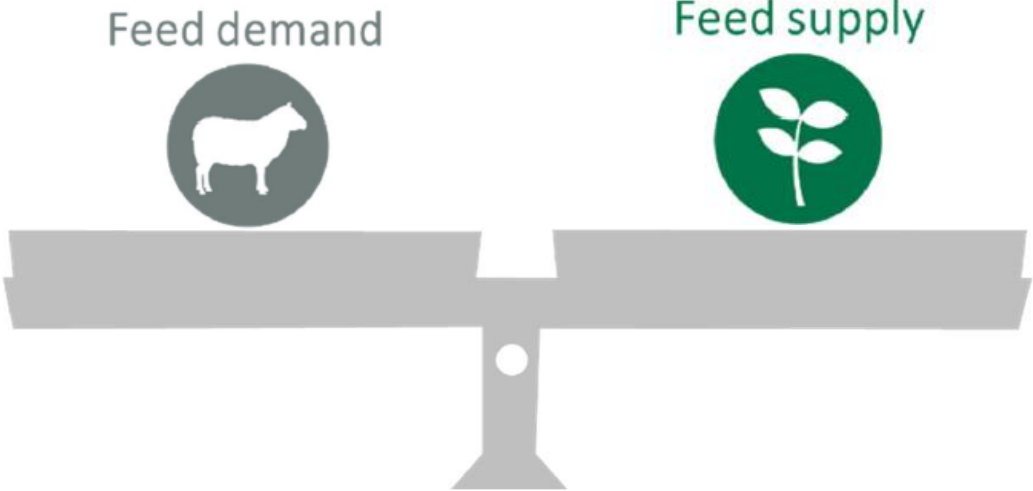
(Crude protein, ME, P, C, macronutrients, trace elements, fibre)

Feeding well

Feed demand



Feeding well



Source: Condition scoring of sheep brochure (Lifetime Wool/MLA)



BredWell FedWell

An introduction to
**Breeding and feeding
to maximise profit**



www.mla.com.au/bredwellfedwell

On the back of a decade of success



What you will learn



Develop a customised breeding plan aligned to profit drivers



Identify sires and select animals that help achieve objectives



Understand the fundamentals of feeding animals well to achieve objectives

BredWell FedWell workshops



Informative

Presentations and discussions
with deliverers and peers



Interactive

Practical and written activities
hosted on-farm



Individualised

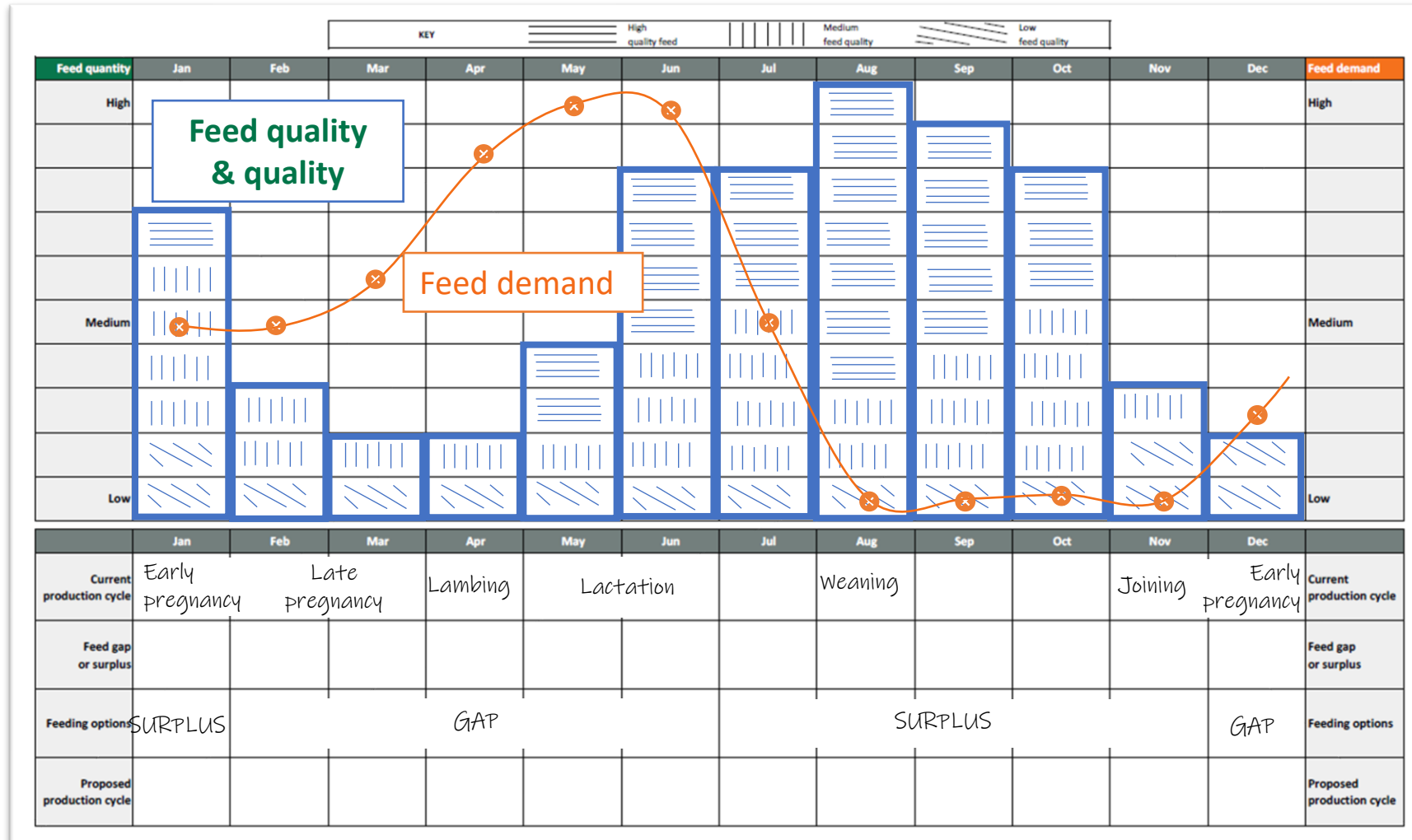
Learning outcomes you can apply
in your own enterprise



I want to...

Wedge	Trait groups	Production				Bred Well						
		A	B	C	D	E	F	G	I	J	H	L
		Goal	Current performance	Desired change	Difference	Selection trait	Include	ASBV	Current ASBV position	ASBV target	Priority	Timeframe
Pre-joining & joining	Reproduction	Increase lamb survival	100%	150%	50% +	Conception	Yes / No / Maybe	CON	0.05		NA/Low/Mod/High	5 years
Pregnancy							Yes / No / Maybe				NA/Low/Mod/High	
Lambing								Yes / No / Maybe			NA/Low/Mod/High	
Weaning & beyond	Growth	Increase turn-off weights	22.5kg	23.5kg	1kg +	weaning wt	Yes / No / Maybe	WWT	9.56	10.51	NA/Low/Mod/High	5 years
	Carcass						Yes / No / Maybe				NA/Low/Mod/High	
	Eating quality						Yes / No / Maybe				NA/Low/Mod/High	
	Wool	Increase amount of wool produced	4.5kg	4.7kg	.2kg	Greasy fw	Yes / No / Maybe	GFW	14.06	24.23	NA/Low/Mod/High	10 years
	Health and labour saving	Reduce worms				Lower worms	Yes / No / Maybe	WEC	-30.50	-53.13	NA/Low/Mod/High	5 years

Assessing feed supply and demand



Take home messages

- **Breed well in alignment with fit for purpose**
Genetic tools are available.
- **Feed well to maximise genetic investment**
Understand and match feed supply and demand.
- **MLA's refreshed BredWell FedWell workshop provides support**
Attend a sheep or beef workshop (from April 2023)
Host a workshop on your property



**BredWell
FedWell**

An introduction to
Breeding and feeding
to maximise profit



www.mla.com.au/bredwellfedwell

Tools and resources

MLA Genetics Hub



genetics.mla.com.au

MLA Feedbase Hub



Feed Calculators

Australian Feedbase Monitor

A world-first tool helping producers to improve grazing management, forage budgeting and ground cover.

[Access the Australian Feedbase Monitor](#)

Stocking rate calculator

Determine a paddock's carrying capacity for either cattle or sheep.

[Access the Stocking rate calculator](#)

Pasture Tools and Calculators

Feedbase planning and budgeting tool

This tool is designed to help you to plan your rotational grazing systems, determine pasture growth rates, determine how long your paddocks will last and calculate t

[Access the Feedbase planning and budgeting tool](#)

Pasture Improvement Calculator

The costs and benefits of resowing pastures to livestock, soils and the environm

www.mla.com.au/feedbase-hub

Tools and resources

Lifetime Ewe Management



www.rist.edu.au

Profitable Grazing Systems



Pasture Principles
PayDirt
Lifting Lamb Survival

www.mla.com.au/pgs