

It's ewe time!

Making More From Sheep



The New Ewe Mark Ferguson



Event
partners:

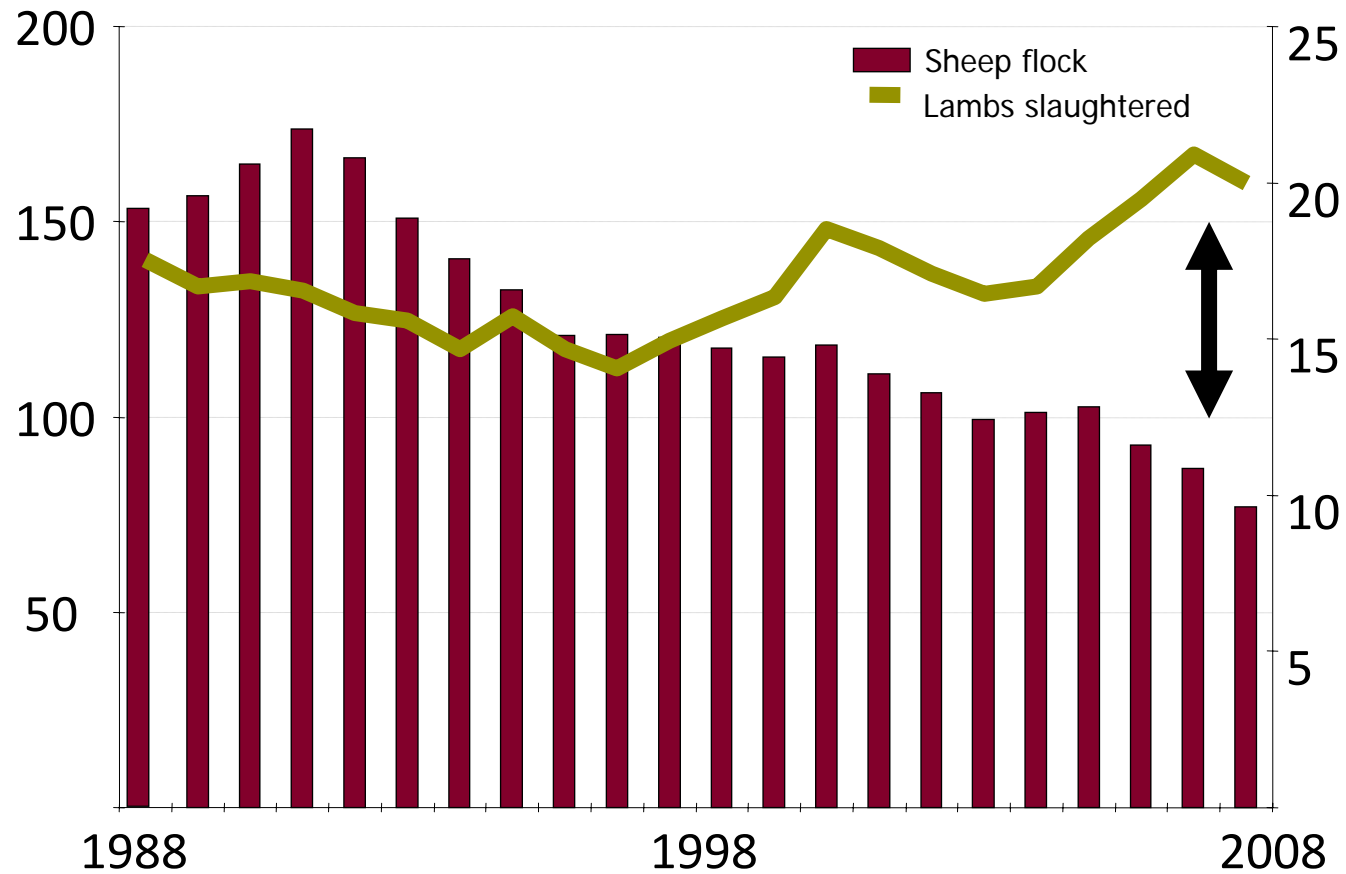


Event
supporters:



State
primary
industry
agencies

Are we eating our future?





Reproduction

- More than ever before extra lambs are worth big bucks!

	Lambs \$/kg	Ewes \$/head	Shippers \$/head	Value of an Extra Lamb
The Past	3.00	40	60	\$32



Reproduction

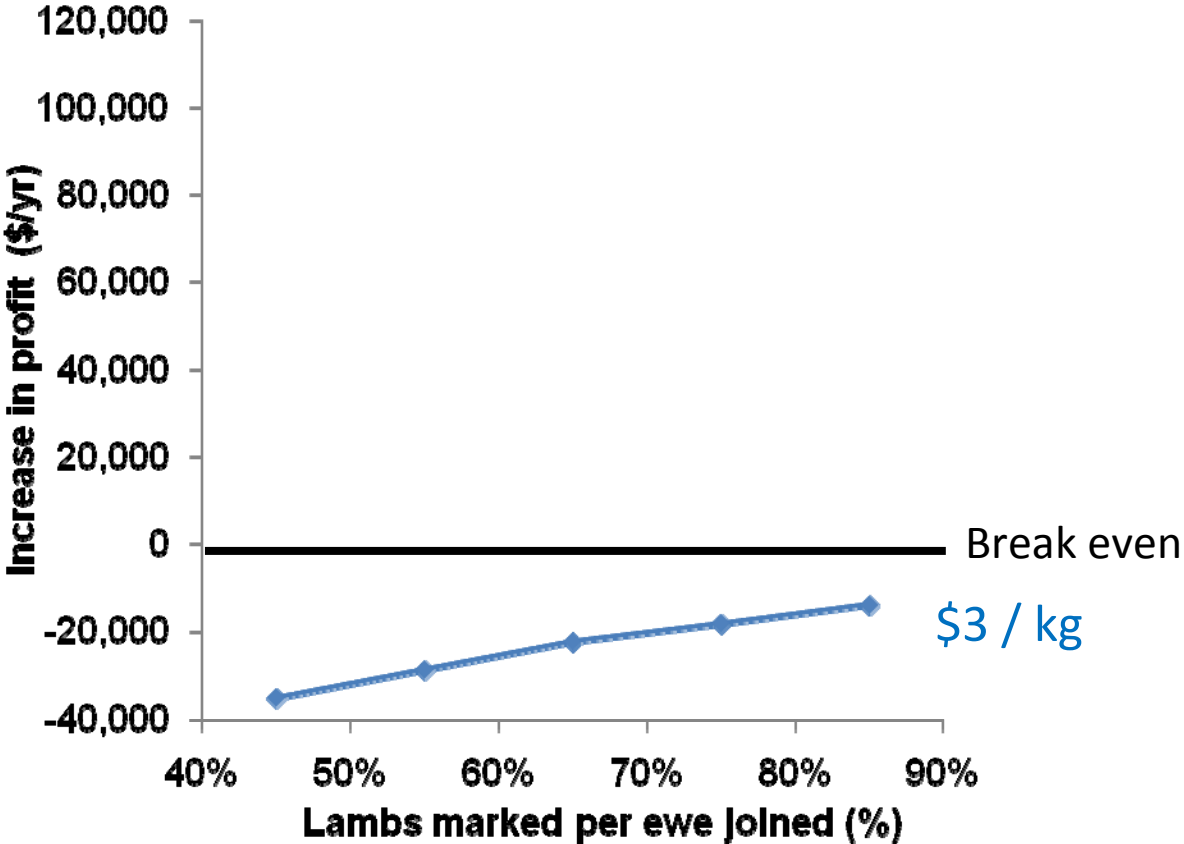
- More than ever before extra lambs are worth big bucks!

	Lambs \$/kg	Ewes \$/head	Shippers \$/head	Value of an Extra Lamb
The Past	3.00	40	60	\$32
Current	5.10	90	120	\$62



Reproduction

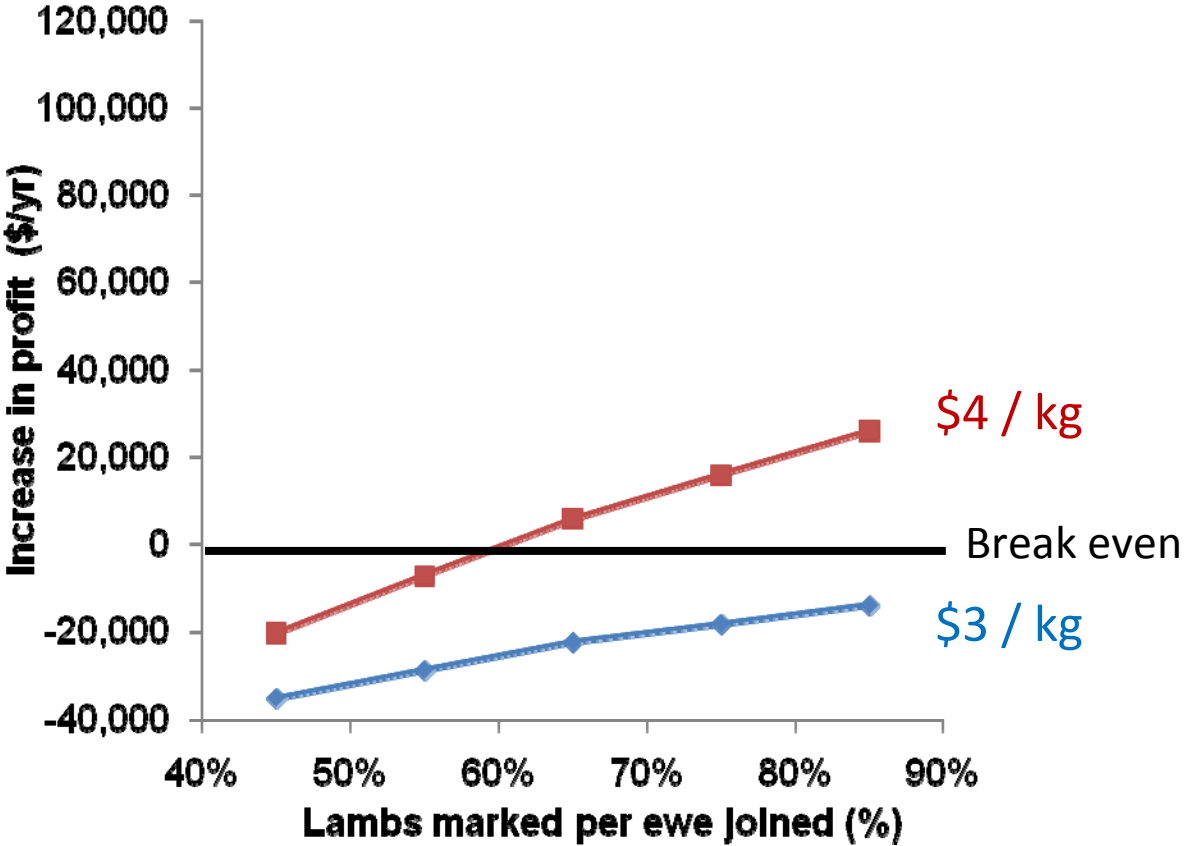
mating ewe lambs





Reproduction

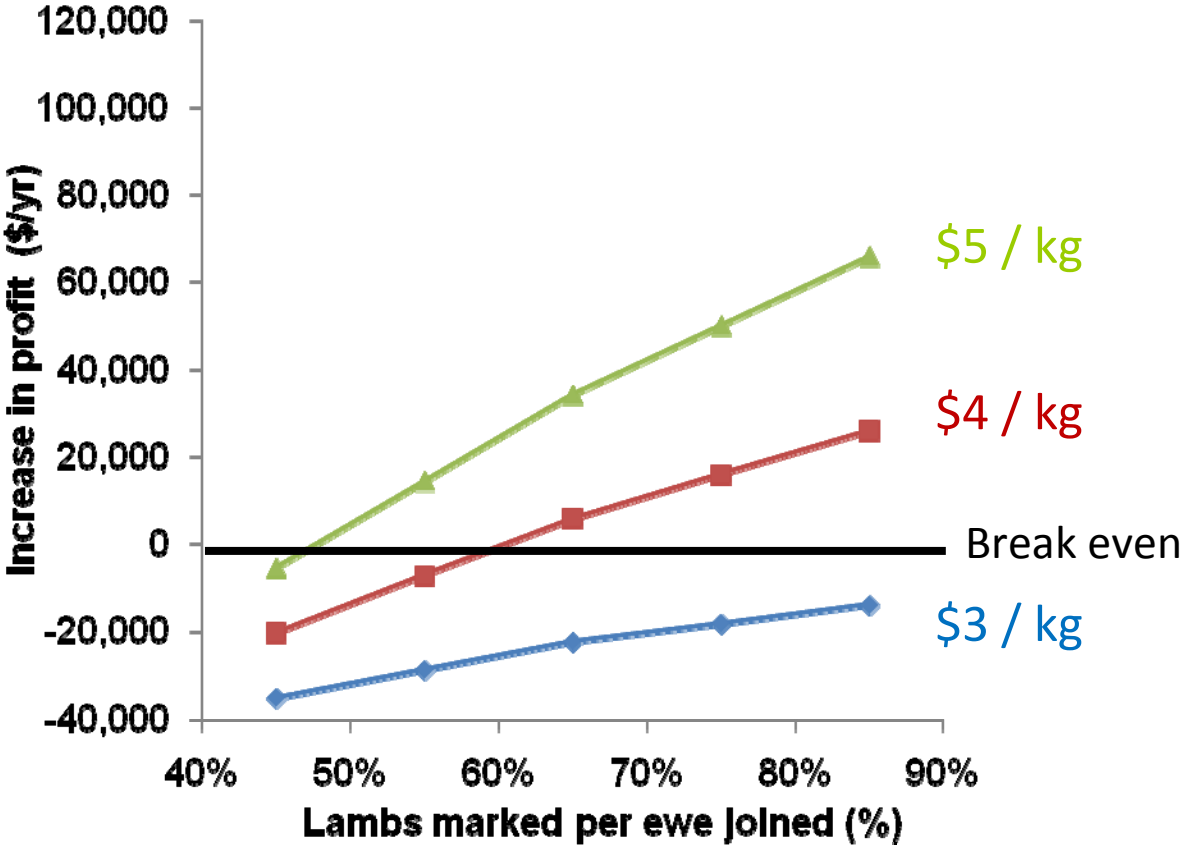
mating ewe lambs





Reproduction

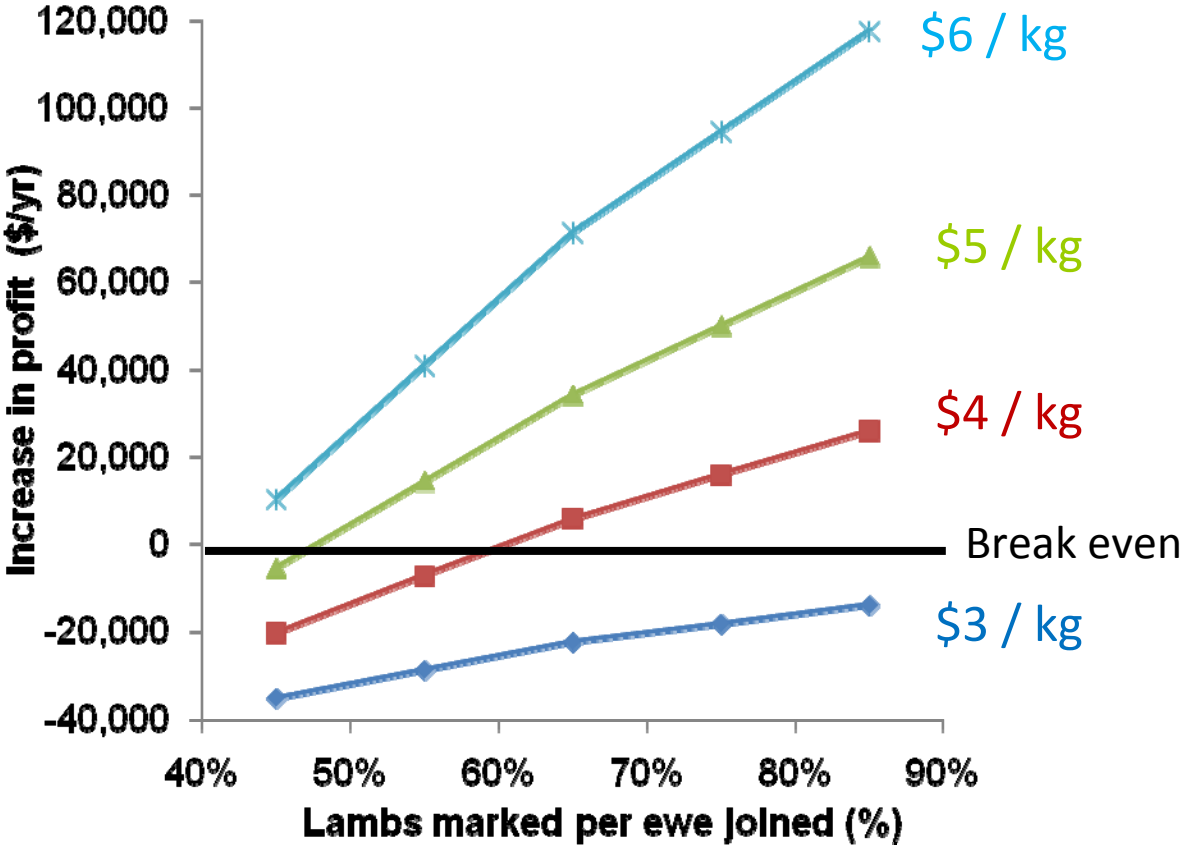
mating ewe lambs





Reproduction

mating ewe lambs



Do not miss the opportunity

- Breed ewes that capitalise on the market conditions
- Enhance reproductive output
- Breed them...
- ...and feed them
- Start NOW!

Tools for the future

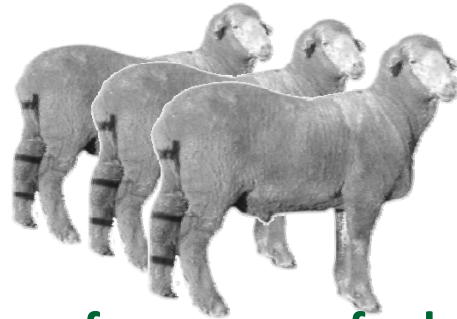
- 2.7 million years ago our predecessors picked up a rock and turned it into a tool – the rat race began
- Throughout history those who first had the tools had the upper hand
- The tool to shape the new ewe is the Australian Sheep Breeding Value

- **ASBV**



What is an ASBV?

Making More From Sheep



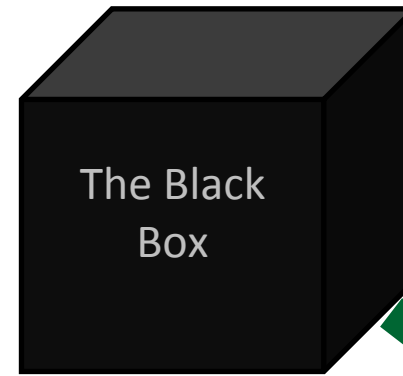
performance of relatives
compared to their mob mates



Individuals performance
compared to mob mates



Heritability, correlated traits,
clever software



Environmental effects

- Birth type
- Rear type
- Age of dam
- Date of birth





Growth



Reproduction



Wool



Easy Care



Growth



Reproduction



Wool

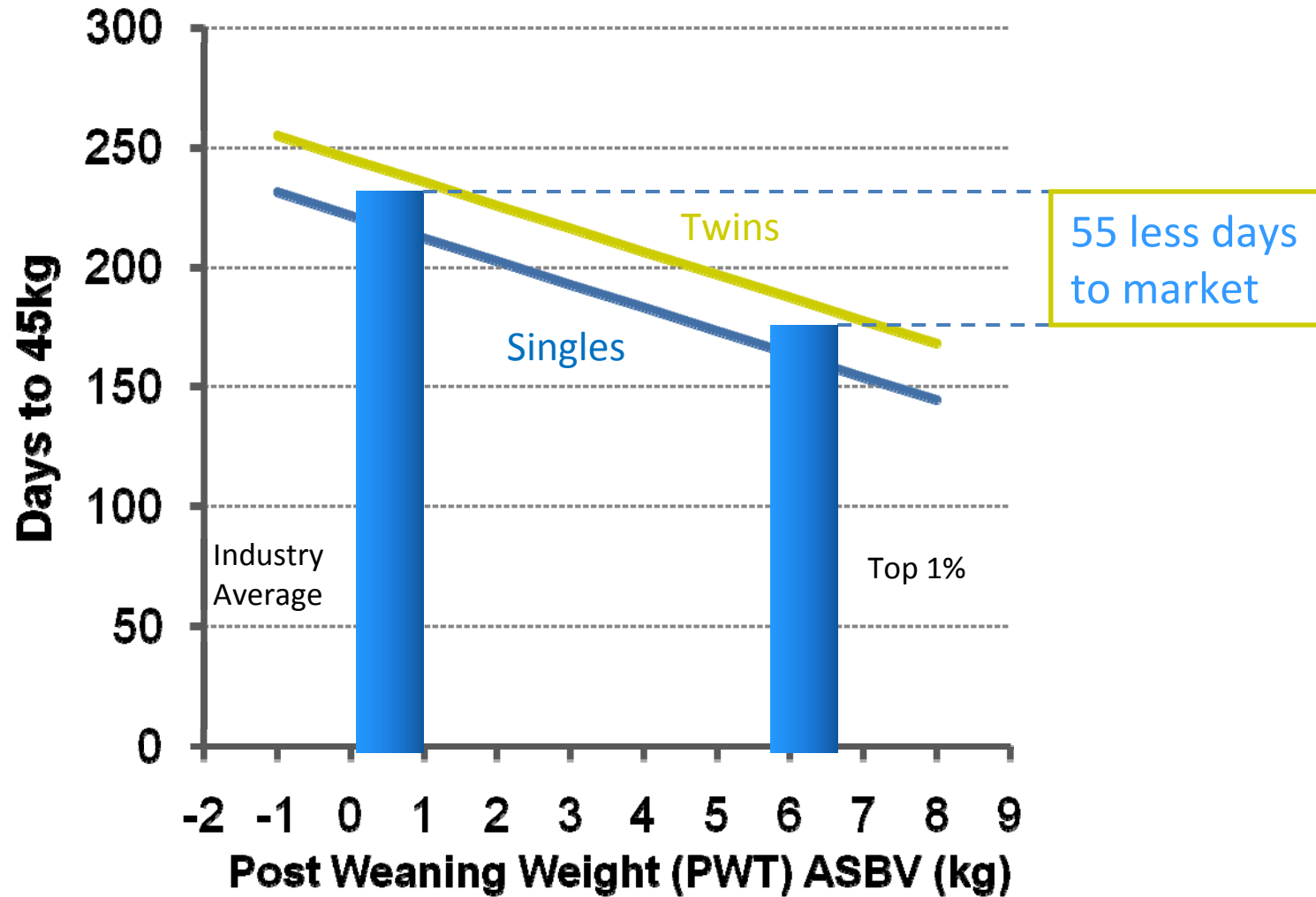


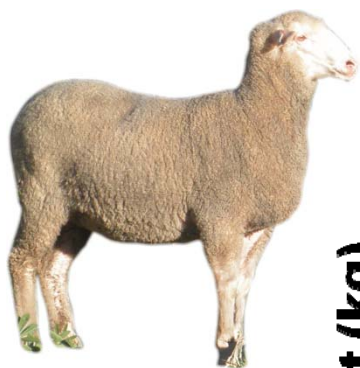
Easy Care



Growth

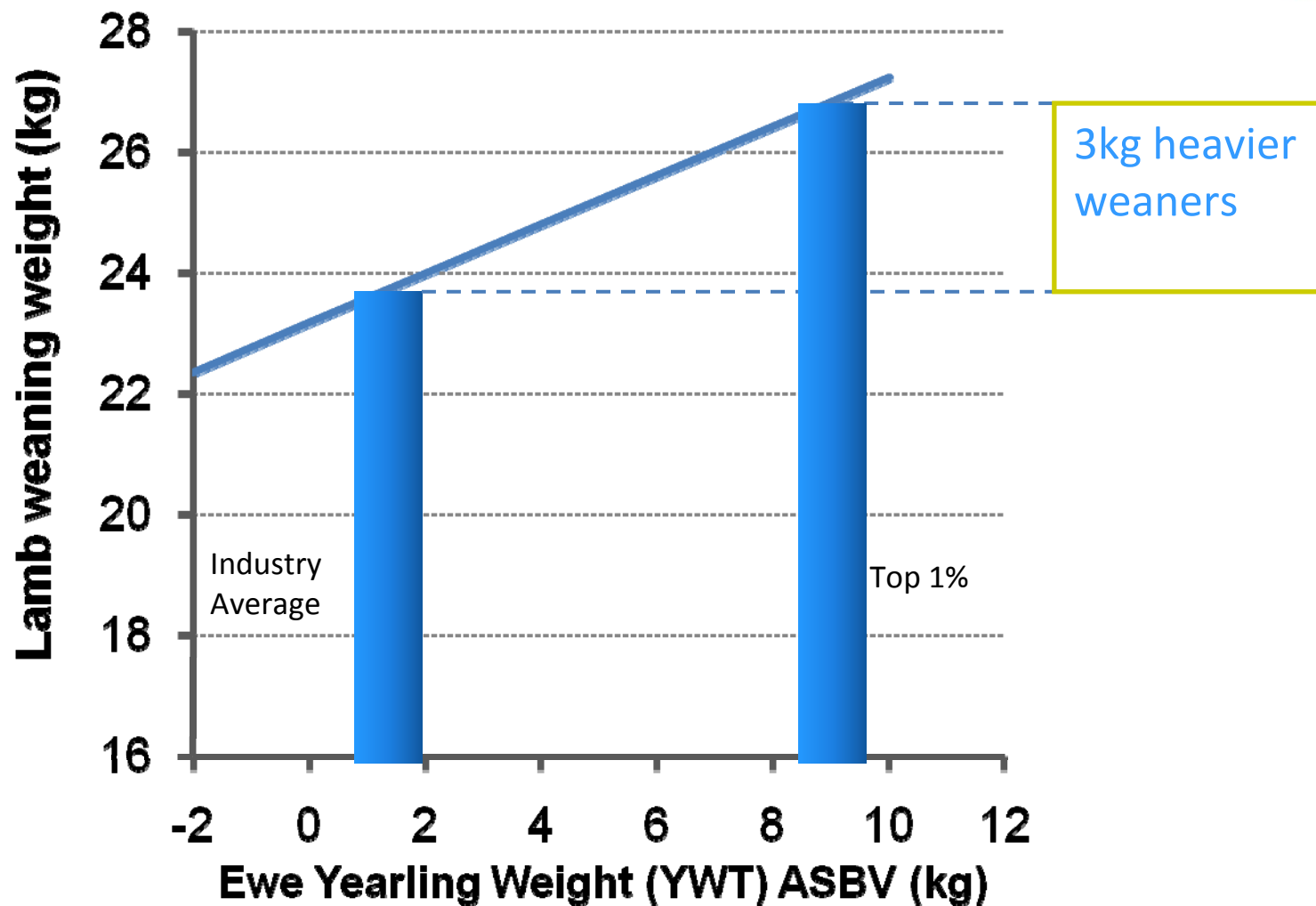
Making More From Sheep





Growth

Making More From Sheep







Reproduction



Wool

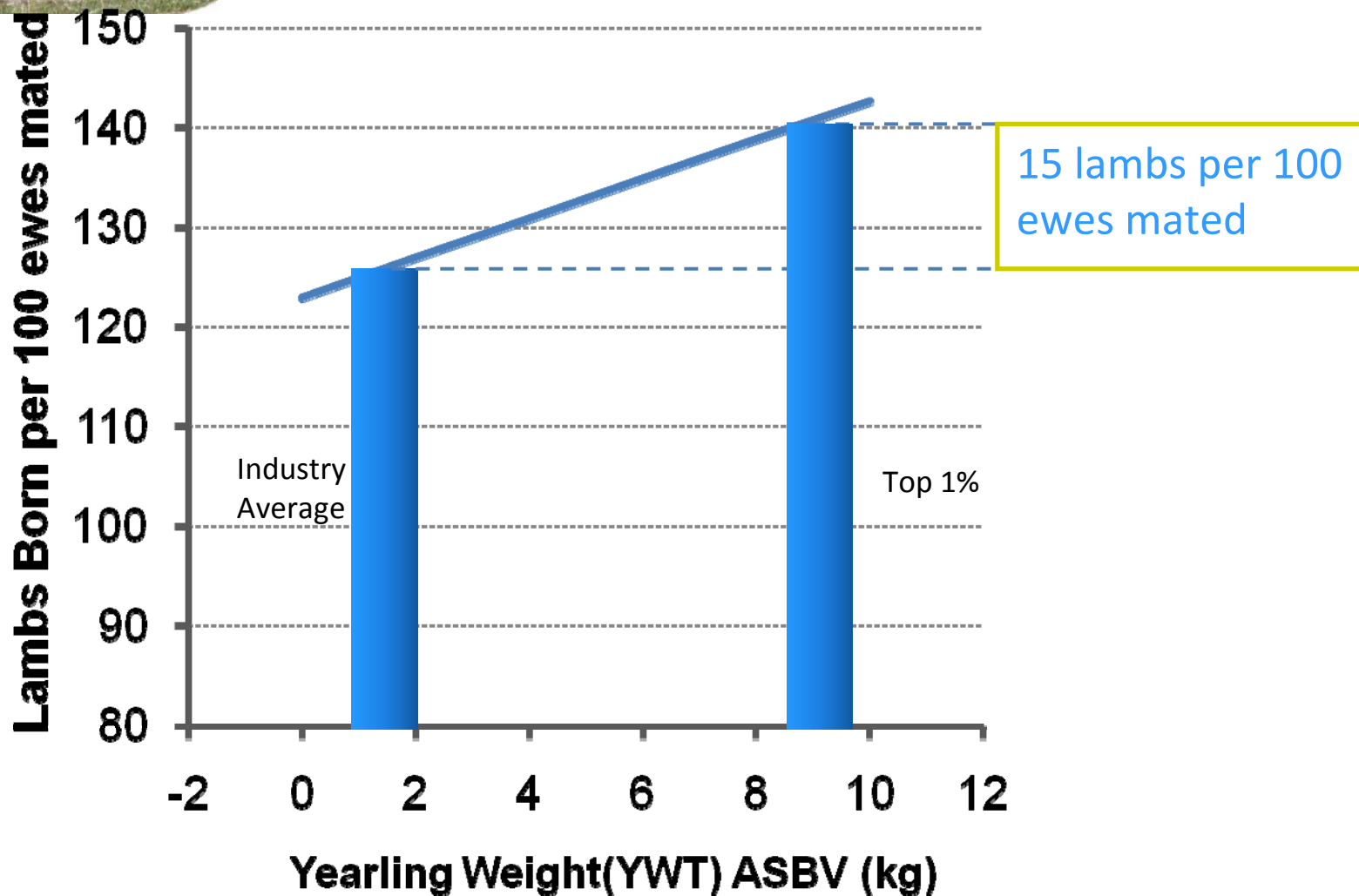


Easy Care



Reproduction & growth

Making More From Sheep



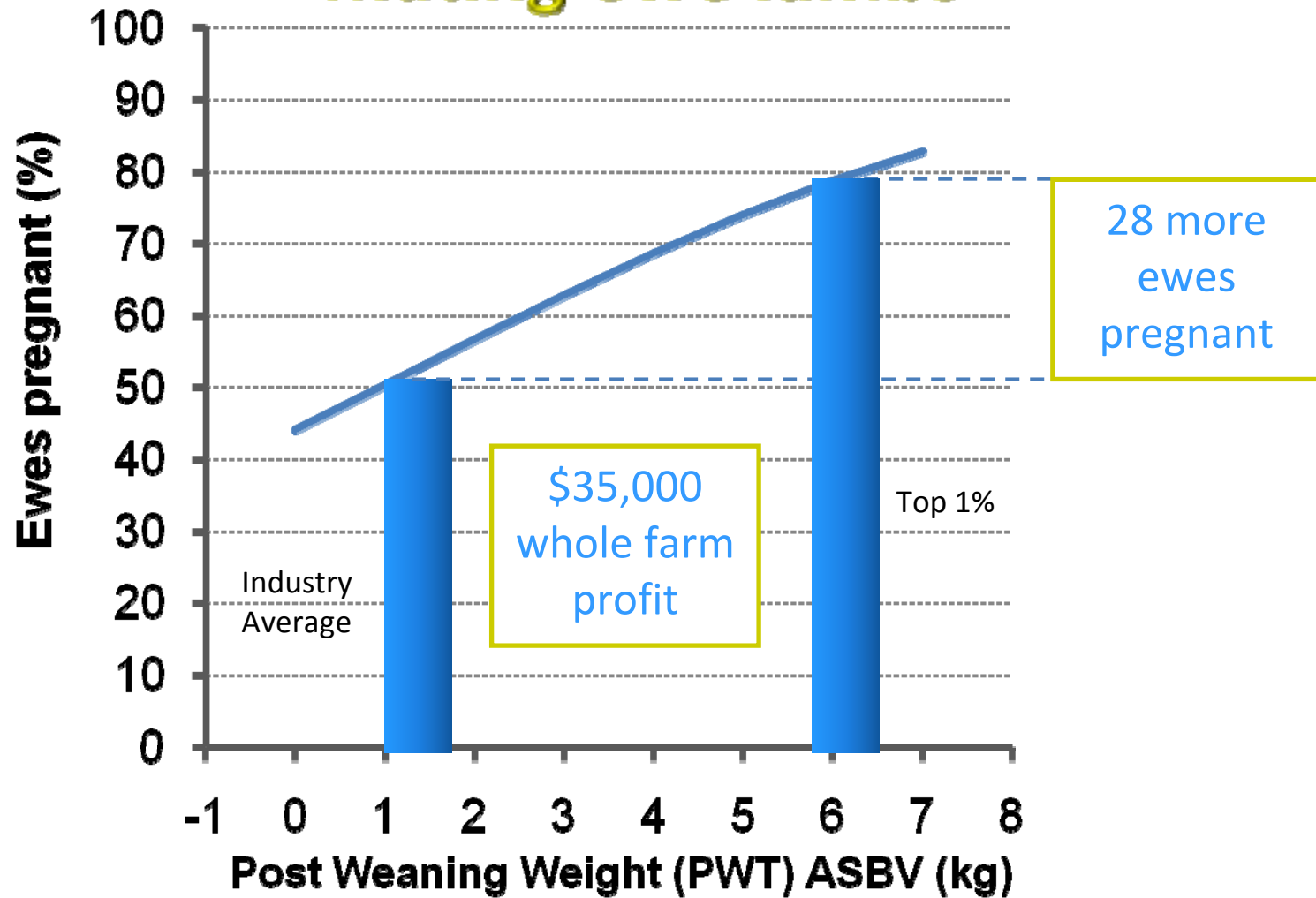


Reproduction

Making More From Sheep



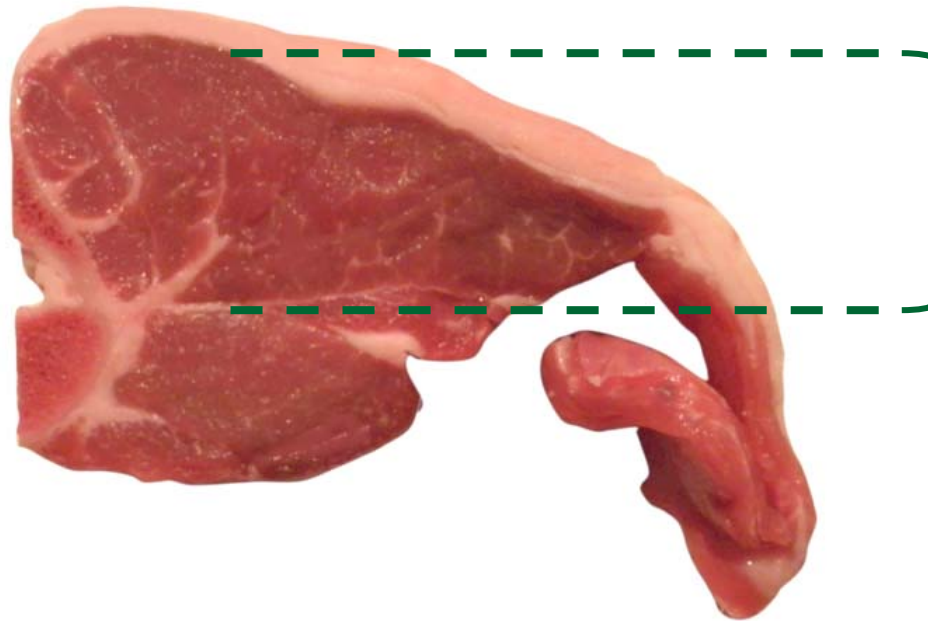
mating ewe lambs





Reproduction

& muscling

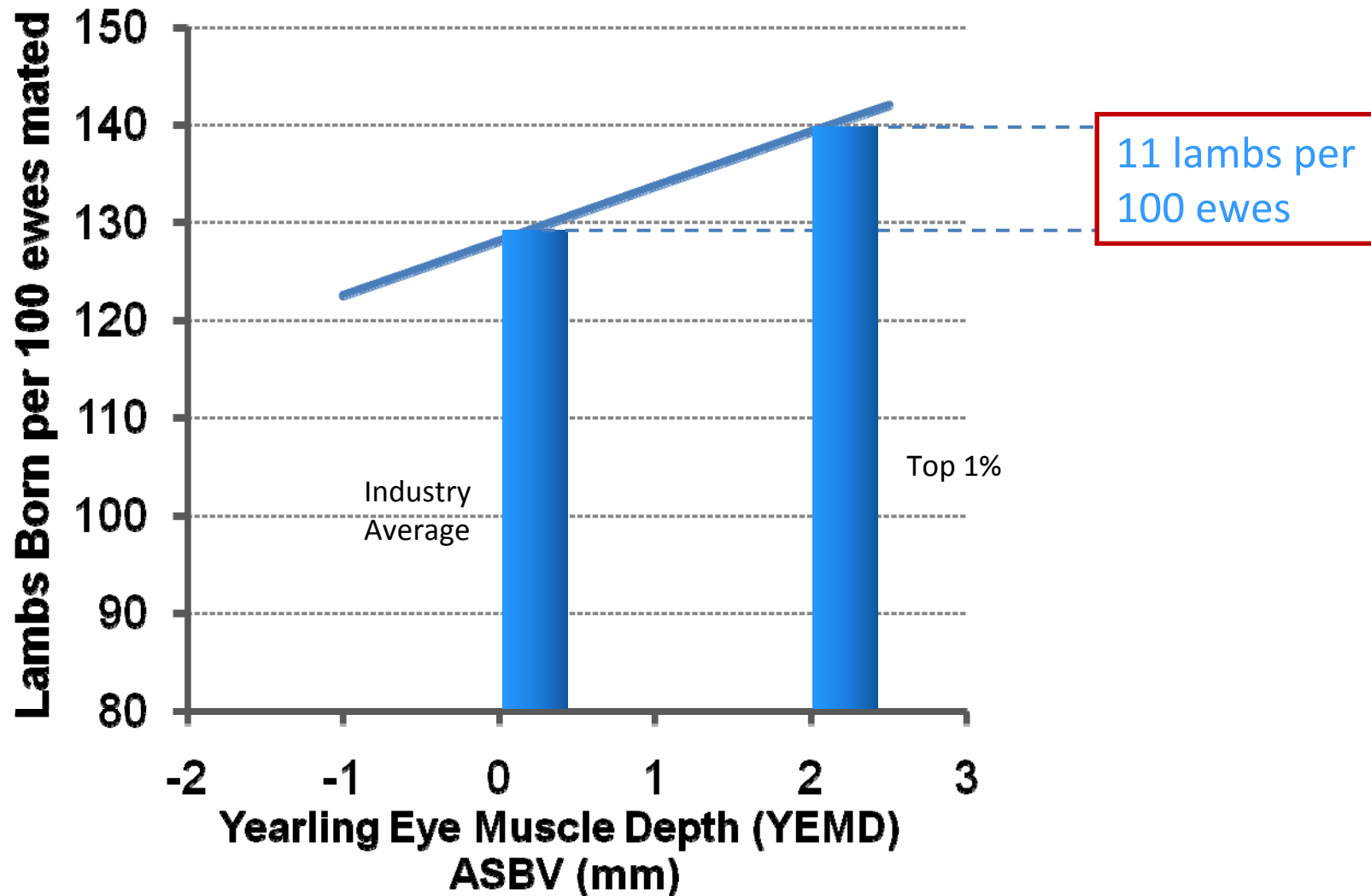


Eye Muscle Depth



Reproduction

& muscling





Wool



Easy Care



Wool



Easy Care



Making More From Sheep



Wool

the valuable bi-product

	Ewe fleece value = \$25
Meat Price \$/kg	
\$3	
\$4	
\$5	



Making More From Sheep



Wool

the valuable bi-product

	Ewe fleece value = \$25
Meat Price \$/kg	Extra lambs required to break even
\$3	
\$4	
\$5	



Wool

Making More From Sheep



the valuable bi-product

	Ewe fleece value = \$25
Meat Price \$/kg	Extra lambs required to break even
\$3	>50
\$4	
\$5	



Making More From Sheep



Wool

the valuable bi-product

Ewe fleece value = \$25	
Meat Price \$/kg	Extra lambs required to break even
\$3	>50
\$4	>50
\$5	



Making More From Sheep



Wool

the valuable bi-product

Ewe fleece value = \$25	
Meat Price \$/kg	Extra lambs required to break even
\$3	>50
\$4	>50
\$5	37



Easy Care



Easy Care



Easy Care

Making More From Sheep



Get rid of the optional extras....

- Wrinkle
- Wool on legs
- Wool on heads
- Horns
- Worms
- Dags



Easy Care

Making More From Sheep



We are slow learners!!

- Wrinkly sheep get struck more often – Belschner *et al.* 1930s
- Wrinkly sheep have less lambs – Dun *et al.* 1960s
- Woolly faced ewes have less lambs – Mullaney 1960s
- Horns have to go – Ferguson 2000s

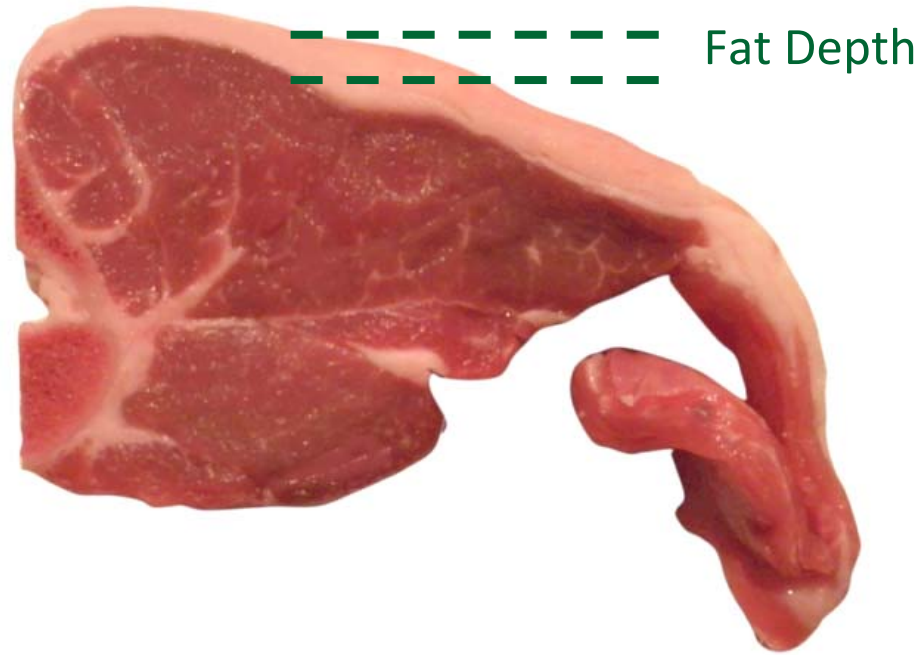


Easy Care

Making More From Sheep



& FAT





Easy Care

Making More From Sheep



& FAT

When times are tough
its good to be **FAT...**

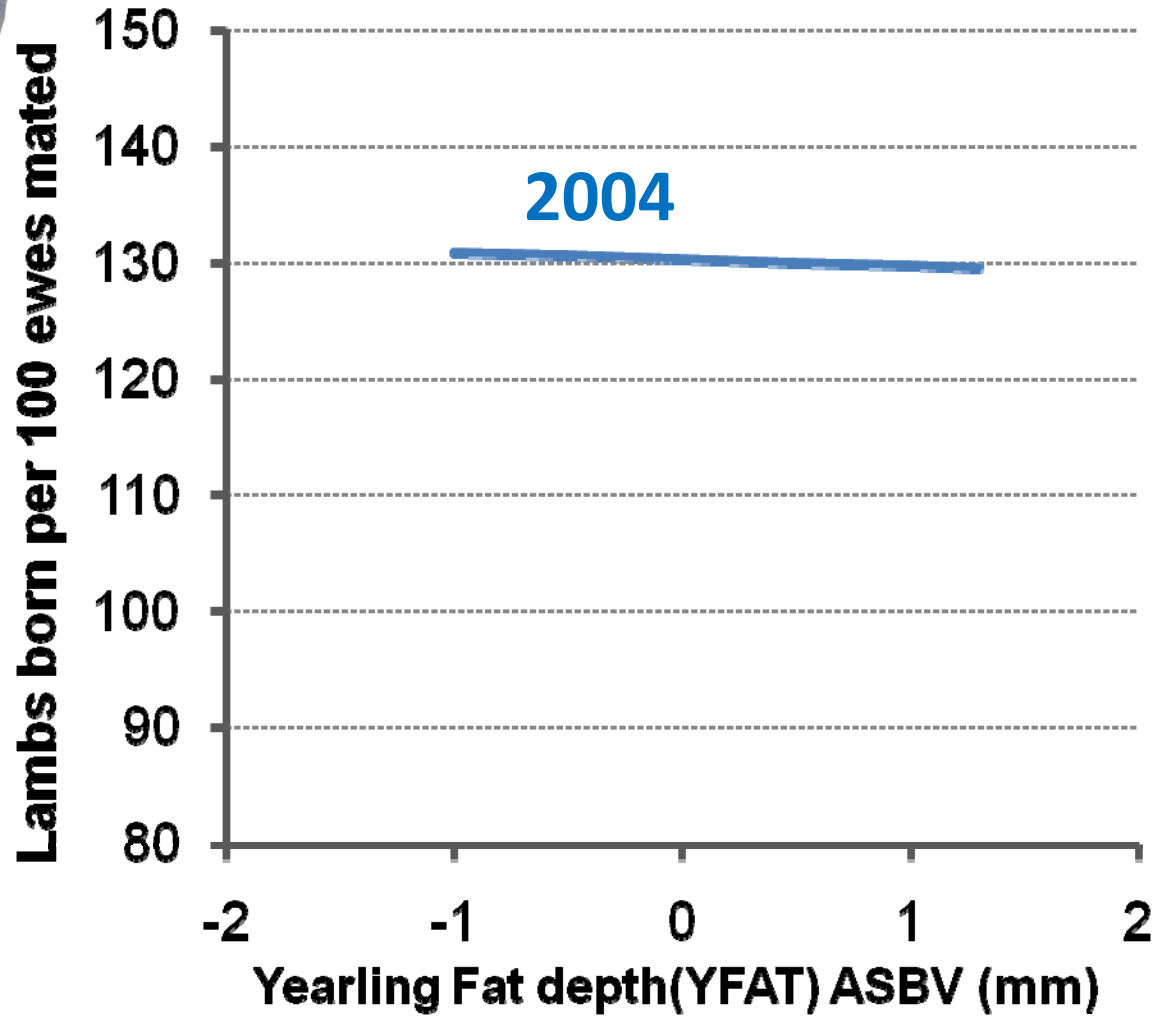


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& FAT



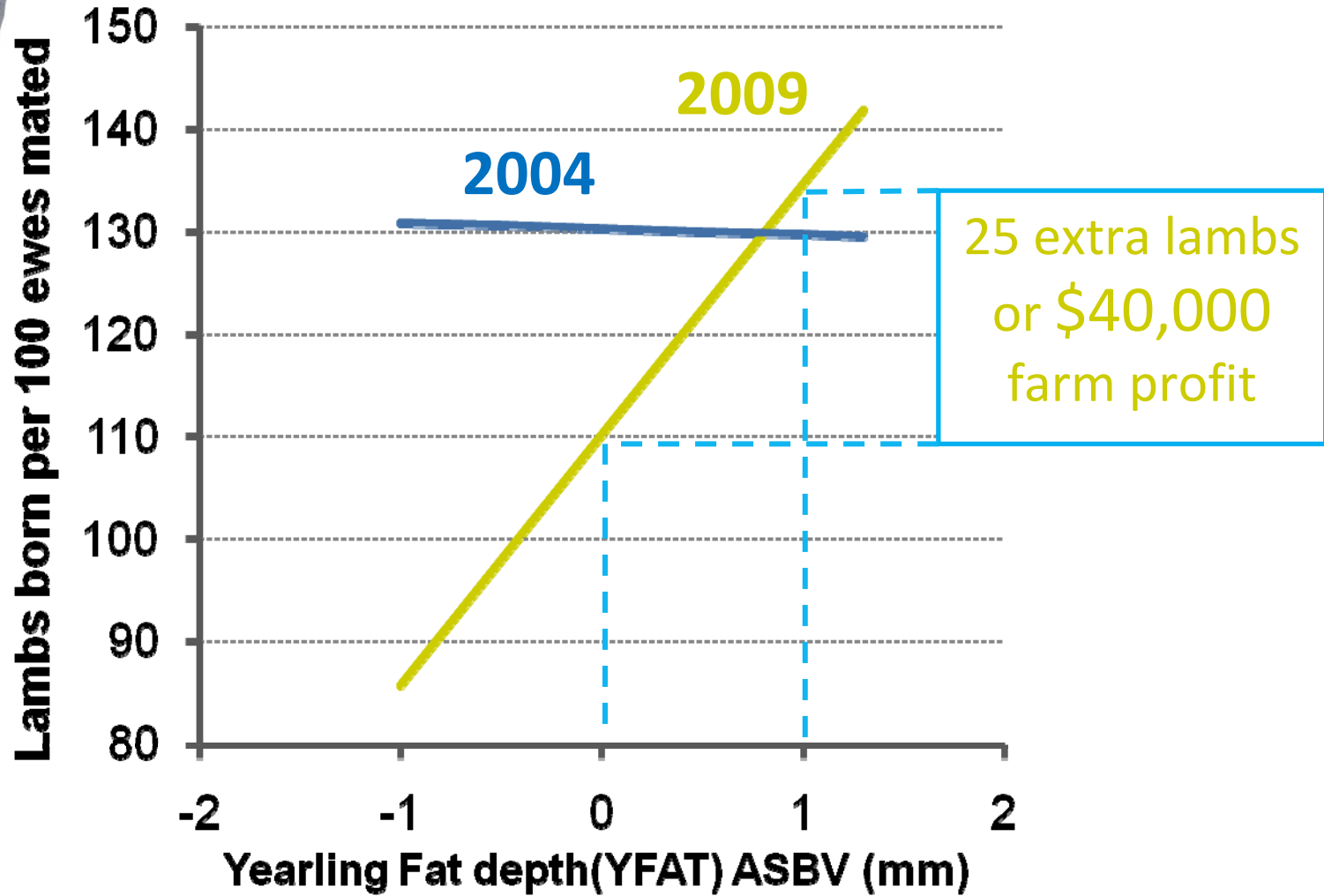


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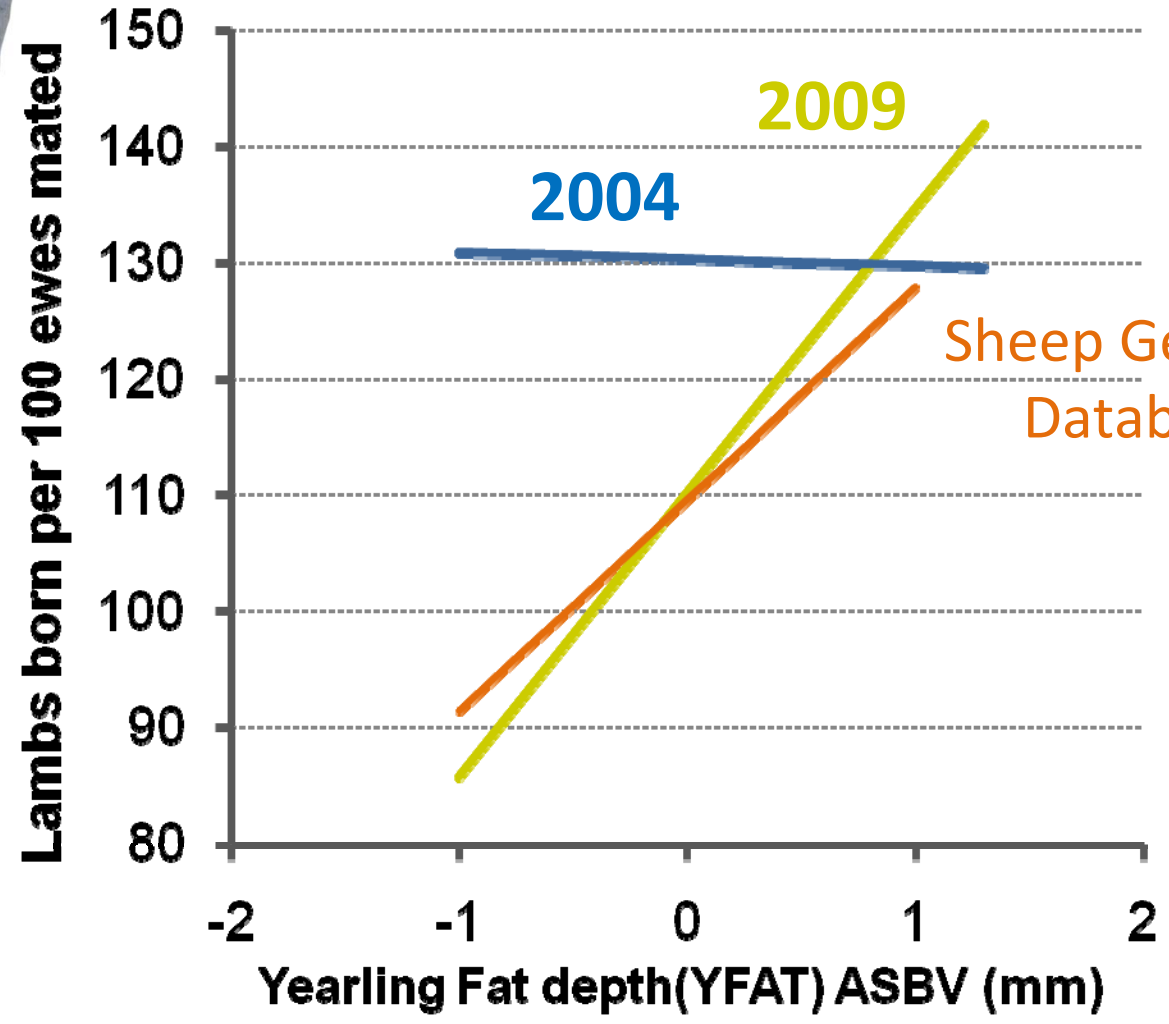


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& FAT



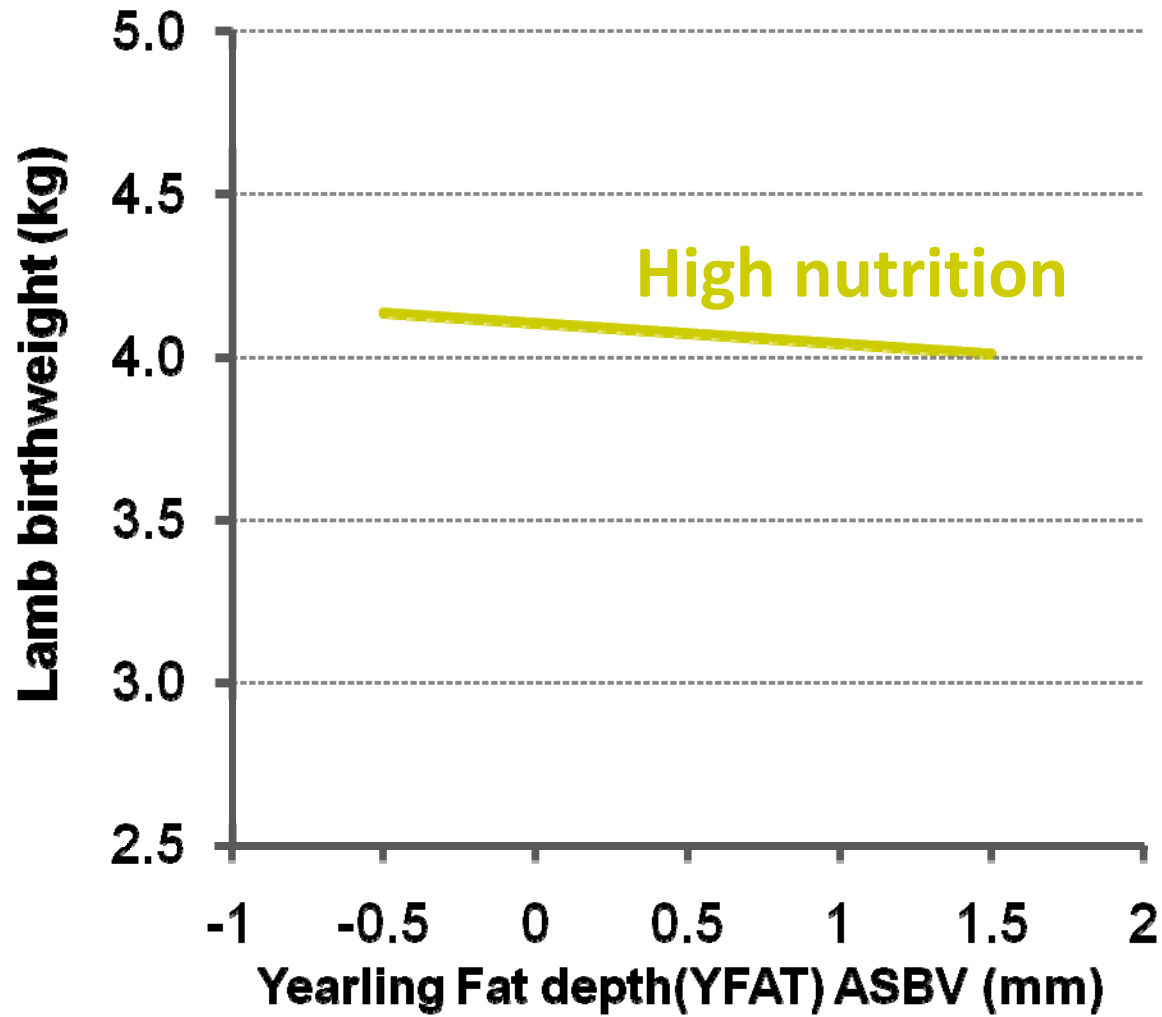


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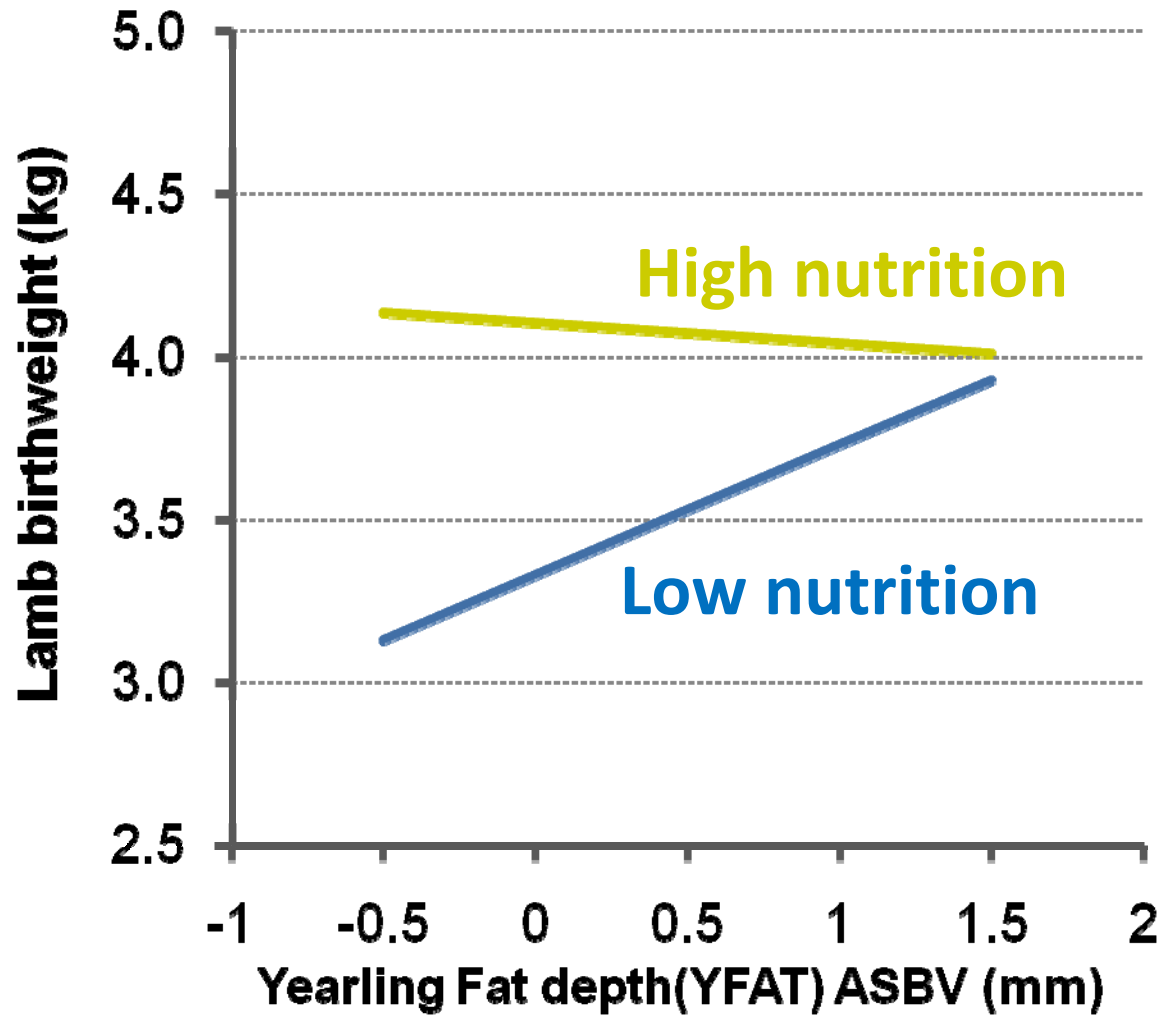


Easy Care

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& FAT



THE BLUE PRINT


- ✦ Fertile at 7-8 months
- ✦ Weaning heavy twins
- ✦ Well muscled
- ✦ Resilient to tough times
- ✦ Wrinkle and dag free
- ✦ Worm free
- ✦ Polled
- ✦ Bare head and legs
- ✦ Quality wool



A photograph of two sheep in a field, with a white text box overlaid on the right side. The sheep are looking towards the right. The background shows a field with some trees and a fence.

The future is bright: **Future Park 099337**
Poll Merino, 30kg at weaning, 70kg at 10 months
and was 50 days pregnant with twins!

WWT: +5.1kg
PWT: +7.1kg
PEMD: +1.6mm
PFAT: +0.5mm

The logo for ASBV MerinoSelect, featuring a stylized sheep's head in the center. The word "MERINOSELECT" is written in a semi-circle above the head, and "ASBV" is written in a bold, sans-serif font below the head.

Acknowledgements:



SHEEP CRC



CSIRO