UNLOCKING THE **PERFECT SHEEP**(s)

...KNOWLEDGE IS POWER
...KNOWLEDGE IS SAFETY
...KNOWLEDGE IS HAPPINESS

Thomas Jefferson 1817

EBVS HELP YOU BUY THE RIGHT RAMS:

> Ensure you buy the genes that make you money

> Improve accuracy of selection for profit drivers

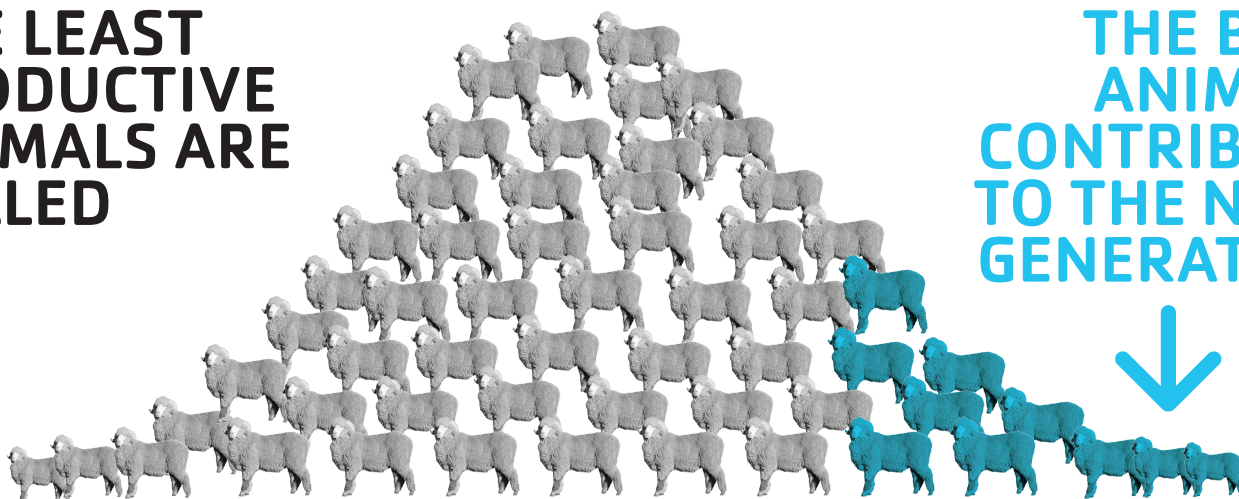> Use a well thought out breeding objective and good stockmanship

EID TO HELP KEEP THE RIGHT EWES:

> High level of data accuracy

> Traceability for life

> No need for additional tags or raddle

> Performance data at the animal level

> Make decisions on accumulated individual data

YEMD +2.5

&

THE LEAST PRODUCTIVE ANIMALS ARE CULLED

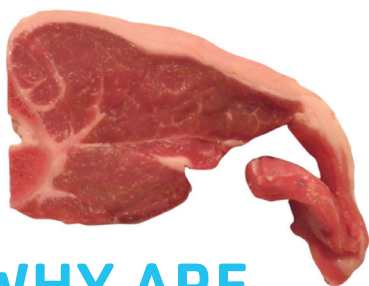## THE BEST ANIMALS CONTRIBUTE TO THE NEXT GENERATION

NEW ZEALAND **MERINO**™

www.perfectsheep.co.nz

MAKE EVERY RAM BUYING DECISION A GOOD ONE...

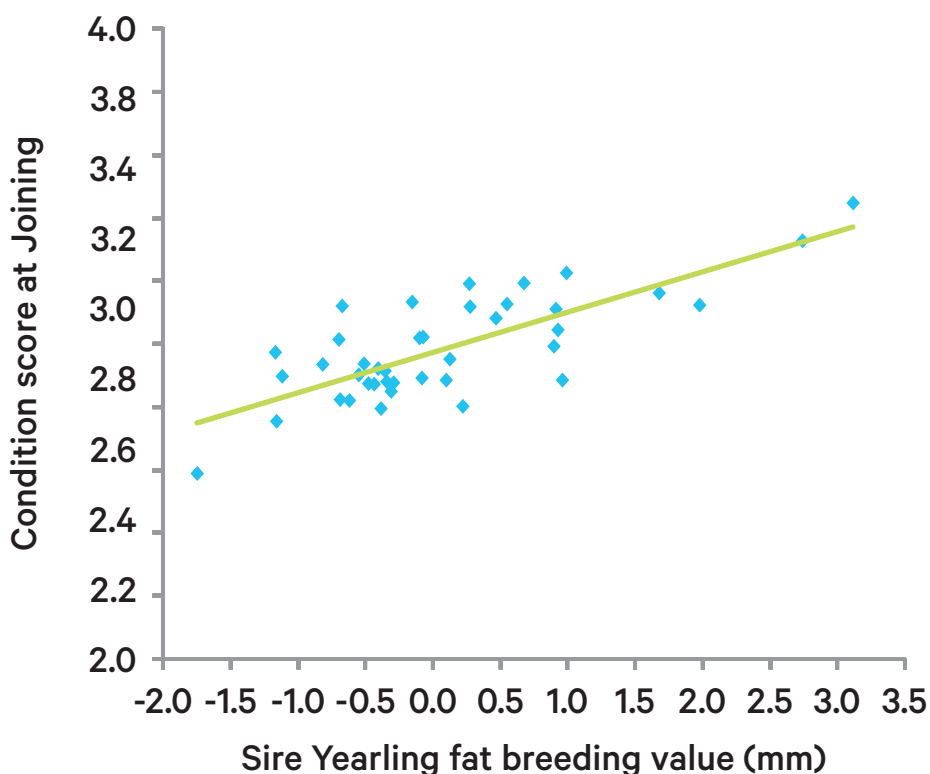## OMARAMA STATION BUYS RAMS FROM EARNSCLEUGH WITH A BALANCE OF LOOKS AND PERFORMANCE.

	2013 drop ram average	Industry benchmark
Yearling weight	+5.7kg	Top 30%
Fleece weight	+10%	Industry Average
Muscle	+1.3mm	Top 20%
Fat	+0.3mm	Top 40%
Lambs weaned	+7%	Top 15%

WHY ARE MUSCLE & FAT PART OF RAM SELECTION?

X-axis: Sire Yearling fat breeding value (mm)
Y-axis: Condition score at Joining

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PERFECT SHEEP(s)

The benefits of making data driven decisions are mostly small, but they accumulate to make a significant difference.
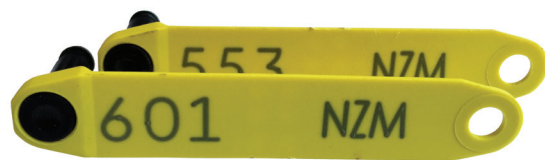
OMARAMA STATION HAVE ALREADY LEARNT:

1. How responsive their ewes are to liveweight at tupping

2. Which ewes are most likely to deliver twin lambs

3. At a similar liveweight, their preferred type of ewes are producing more lambs

GOING FORWARD:

1. Further reproduction and liveweight data will determine the animals to keep

2. Fleece information from individuals can be added to the data

3. Environmental effects such as birth type will be recorded and taken into account
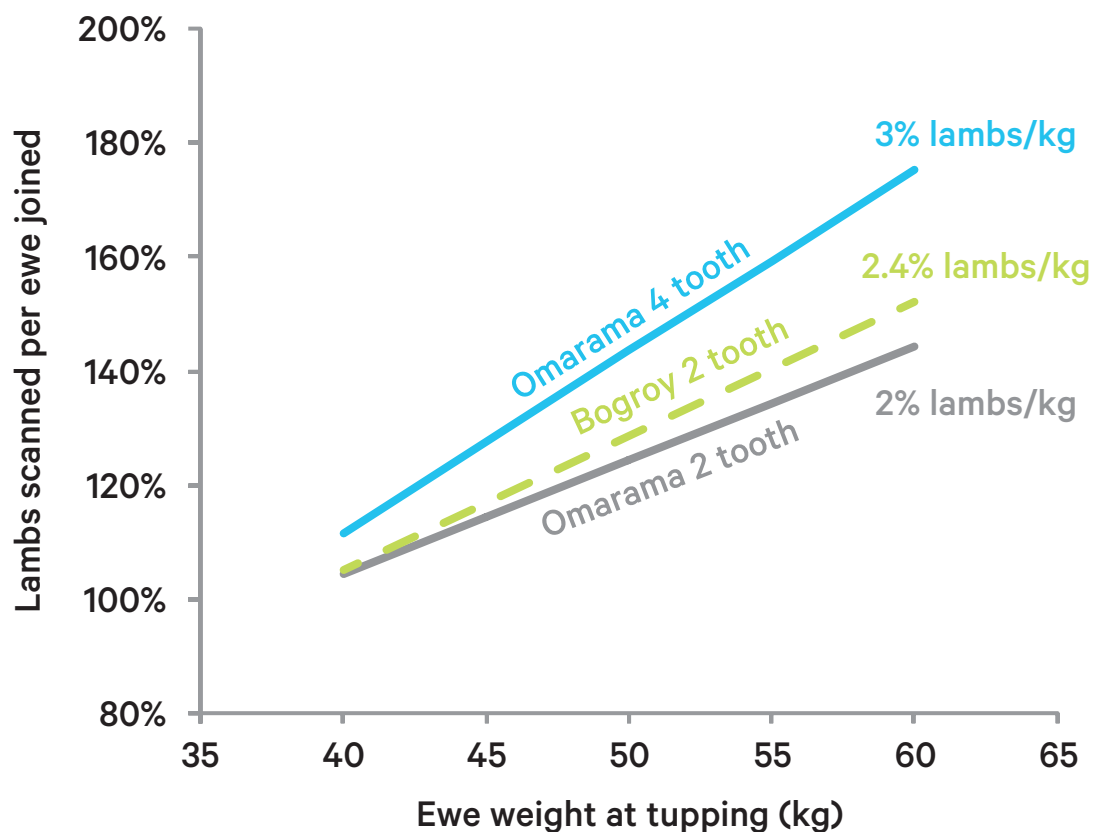
NEW Flock Average

CULL

BREED

NEW ZEALAND
MERINO

?
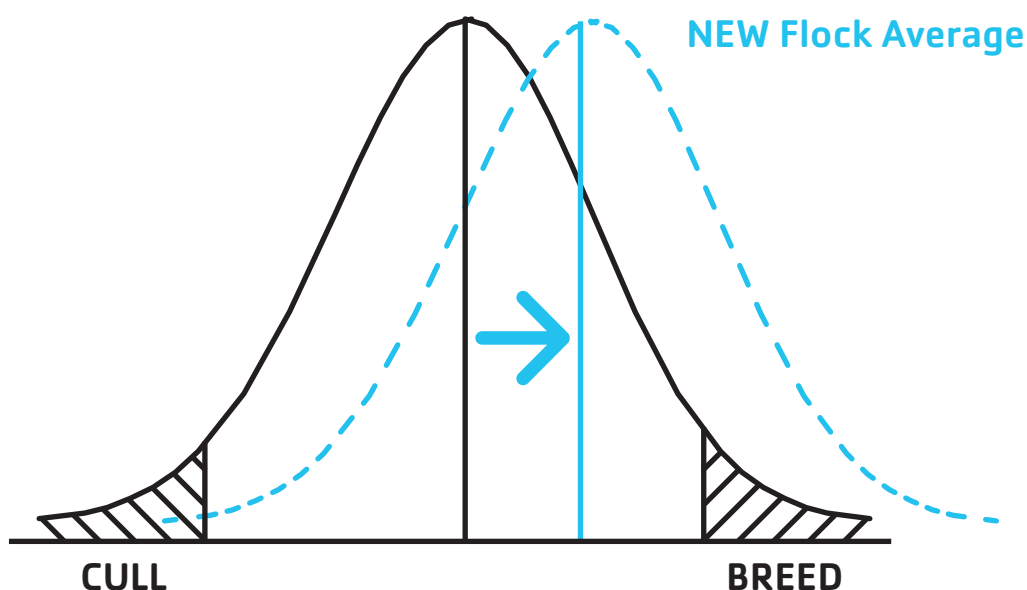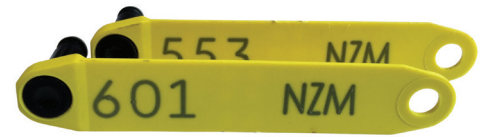
Is it worth getting extra weight on young ewes at Omarama?

Ewe weight collected at tupping, scanning and weaning.

Pregnancy status recorded at scanning.
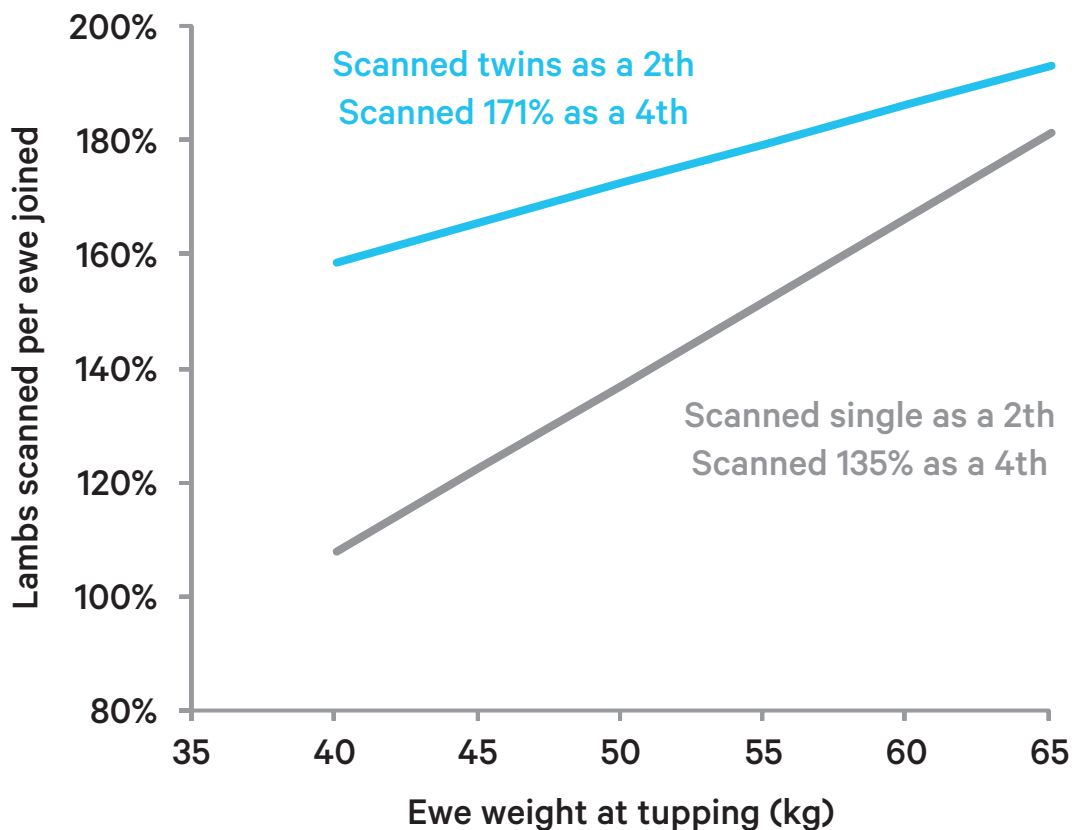

Lambs scanned per ewe joined

200%

180% — 3% lambs/kg

160% — 2.4% lambs/kg

Omarama 4 tooth

140% Bogroy 2 tooth

2% lambs/kg

120%

Omarama 2 tooth

100%

80%

35   40   45   50   55   60   65

Ewe weight at tupping (kg)
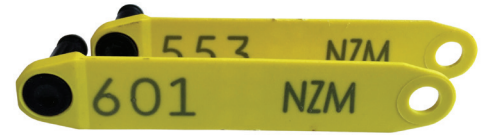
Do ewes that scan with twins as two tooths scan with twins the next year?

Ongoing collection of ewe scanning and liveweight data – efficiently and error free.

Scanned twins as a 2th
Scanned 171% as a 4th

Scanned single as a 2th
Scanned 135% as a 4th

Lambs scanned per ewe joined (y-axis: 80%, 100%, 120%, 140%, 160%, 180%, 200%)

Ewe weight at tupping (kg) (x-axis: 35, 40, 45, 50, 55, 60, 65)

?
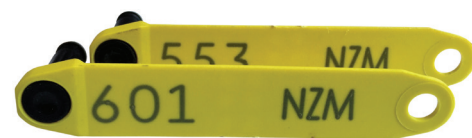
Is the type we are selecting as preferred replacements the right type?

Alistair Campbell classing ewe hoggets annually.

Classer's grade recorded against the EID along with performance data.

Lambs per ewe to the ram

	Royal	Plain	Heavy
2 tooth	118%	112%	112%
4 tooth	160%	135%	126%

Weight of ewes at tupping (kg)

	Royal	Plain	Heavy
2 tooth	46.4	45.8	45.5
4 tooth	48.4	48.9	47.8

ROYALS
Ideal type for Omarama Station: Good carcass, low wrinkle, long stapled wool
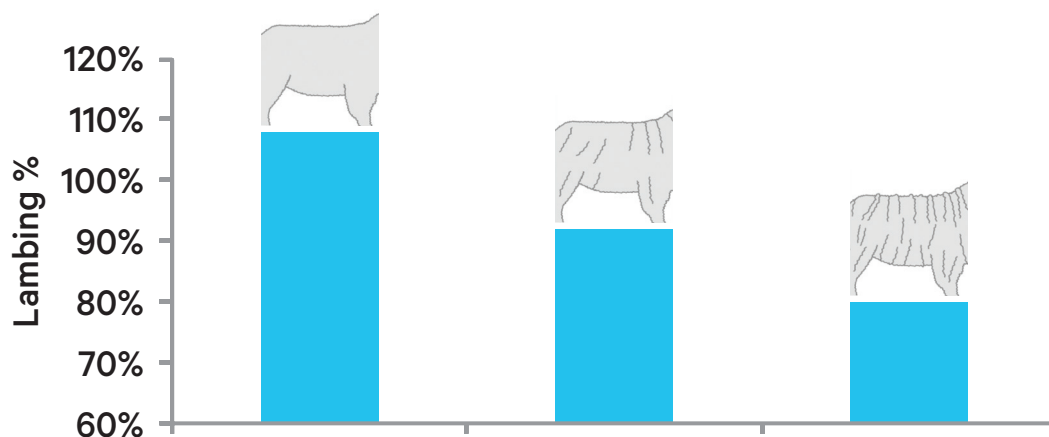
PLAIN
OK carcass, OK wool, shorter staple

HEAVY
Lesser carcass, wrinkly, short stapled wool

WRINKLE SCORE vs LAMBING %

Lambing %

120%
110%
100%
90%
80%
70%
60%

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