

Choosing Terminal Sires




| Presented by Sharon McIntyre



Sale of 2-3 year old bulls



A large herd of elk is gathered in a lush green field. The elk are mostly brown with some lighter patches on their sides. In the background, there is a dense line of green trees, and beyond that, a range of rugged mountains with some snow-capped peaks under a clear blue sky. A blue rounded rectangle is overlaid on the image, containing white text.

But what were they like at 10-12 months of age?

Terminal Sires – Key Traits?

- A) Liveweight – Males & Females
- B) Increased carcass weights
- C) Meat Yield?
- D) All of the above



Terminal Sires – Key Traits?

A) Live weight of females

W12 BV kg

B) Income

C) Meat EMA BV or LEANY BV

D) All of Terminal Index \$/Hd
mated



Do BVs result in actual differences on farm?

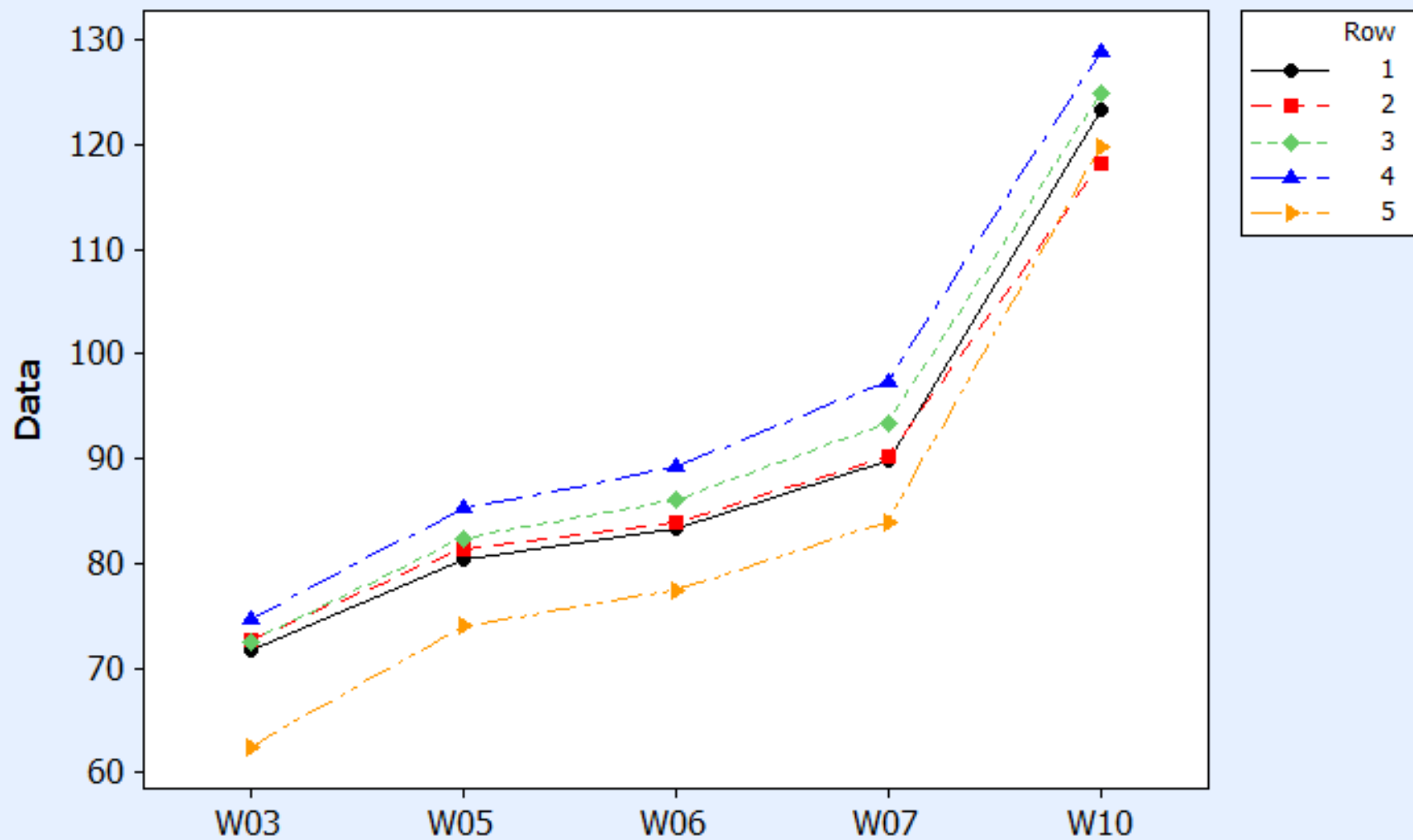
4 Wapiti Sires – look similar

Sires

1
2
3
4



Line Plot of W03, W05, W06, W07, W10



Do BVs result in actual differences on farm?

4 Wapiti Sires – look similar

<u>Sires</u>	<u>Prediction</u>	<u>Actual W10</u>	<u>\$/Head</u>
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1
2
3
4



Do BVs result in actual differences on farm?

4 Wapiti Sires – look similar

<u>Sires</u>	<u>Prediction</u>	<u>Actual W10</u>	<u>\$/Head</u>
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1
2
3
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<u>Sires</u>	<u>Prediction</u>	<u>Actual W10</u>	<u>\$/Head</u>
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1	+9.7kg	123kg	\$632
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2	+4.2kg	→ 118kg	\$605
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3	+11.4kg	124kg	\$639
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4	+16kg	→ 128kg	\$659
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Catalogue information

Breeders put a range of information in their catalogues

ONLY BVs and Indexes correct for birth date, age and remove environment/feeding differences

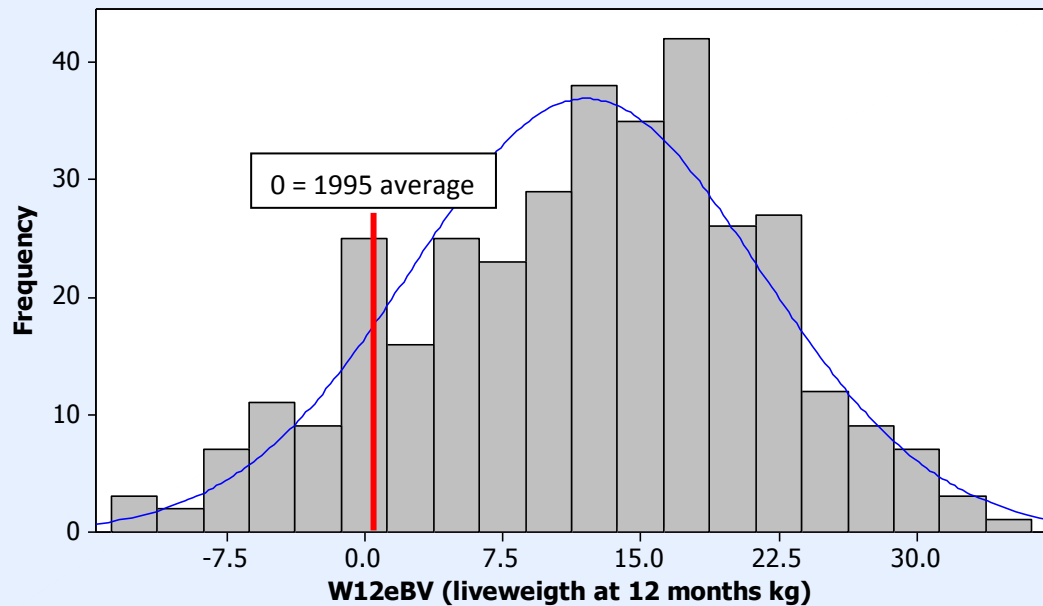
Raw data – not corrected

Raw eye muscle area – worst

Larger animal will have a bigger EMA – but is it above average for its size?

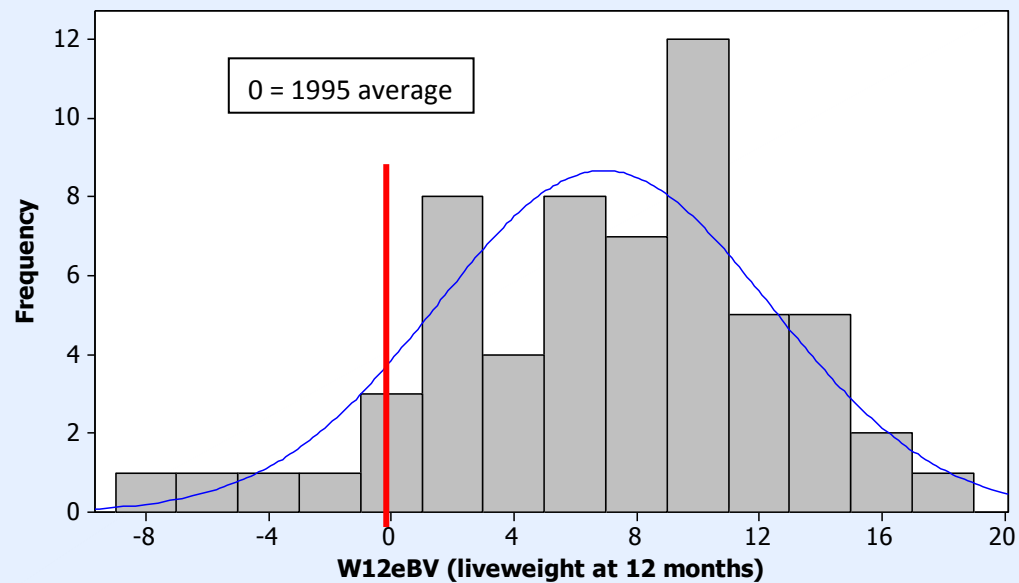
Range of Red W12eBV values

Normal

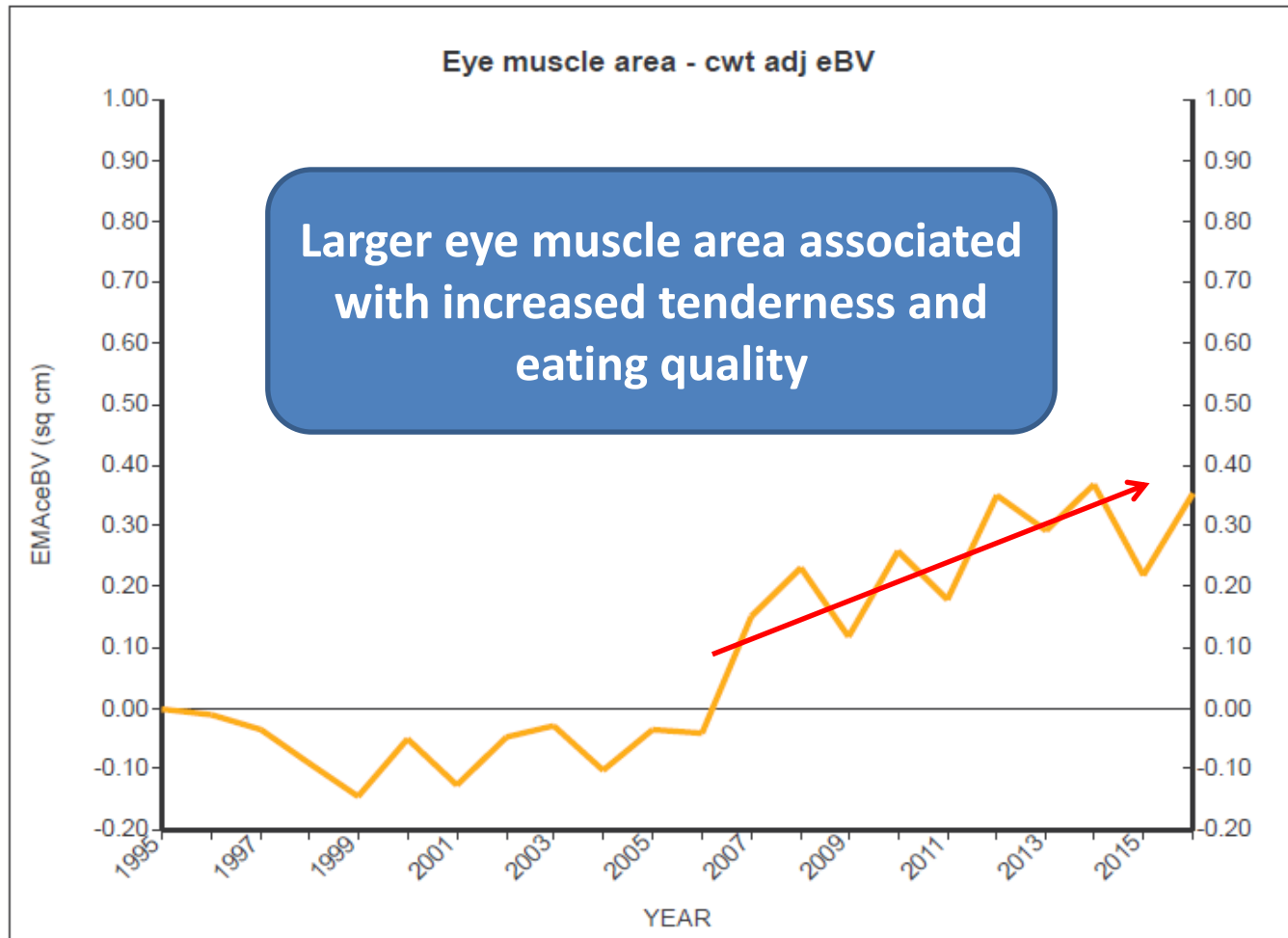


Range of Wapiti W12eBV values

Normal



Meat recording herds only



How to buy smart

2018 Connemara Sale Bulls						
		Growth	Meat	Index	Velvet	
Tag	Sire	W12 BV	EMA BV	Terminal \$	2 year	3 year
070/14	28/06	16.17	0.81	3072	3.6	
114/14	Hohepa	15.22	0.62	2912	4.4	
001/14	WB333	17.02	0.46	2769	4.2	
090/14	28/06	15.50	0.80	2737	3.2	
057/14	28/06	17.84	0.66	2723	2.8	
162/14	06/06	17.52	0.94	2573	3.2	
144/14	Hohepa	14.68	1.15	2517	3.6	
129/14	Hohepa	10.66	1.00	2489	4.0	
056/14	28/06	11.11	1.15	2458	2.8	

Top 10%

Top 25%

Top 50%

2018 Connemara Sale Bulls

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056/14	28/06	11.11	1.15	2458	2.8	
110/14	Hohepa	13.04	0.86	2214	4.0	
115/14	Hohepa	11.95	1.60	2211	3.4	
132/14	Hohepa	8.78	1.13	2050	3.4	

Terminal Sires

Quick gain for venison

Wapiti/Elk/High Growth Reds

Maternal sires

Breed better females

that are mated to better

males that then breed

better females - slower game



Problem – Older Males



Next Gen Conference

Get the new
improved model!



Management

Buy right size sires for your hinds/property

Hinds will need more feed when lactating

Back to BCS 3+ for mating

Higher growth rates weaners will need good feeding and animal health to achieve results



Carla



Deer Industry
New Zealand



Deer Select
Deer Industry Genetics

Use of high growth rate sires can improve profitability

