INFORMING NZ BEEF

NZ Shorthorn Beef Recording Programme
Sire Report

June 2025

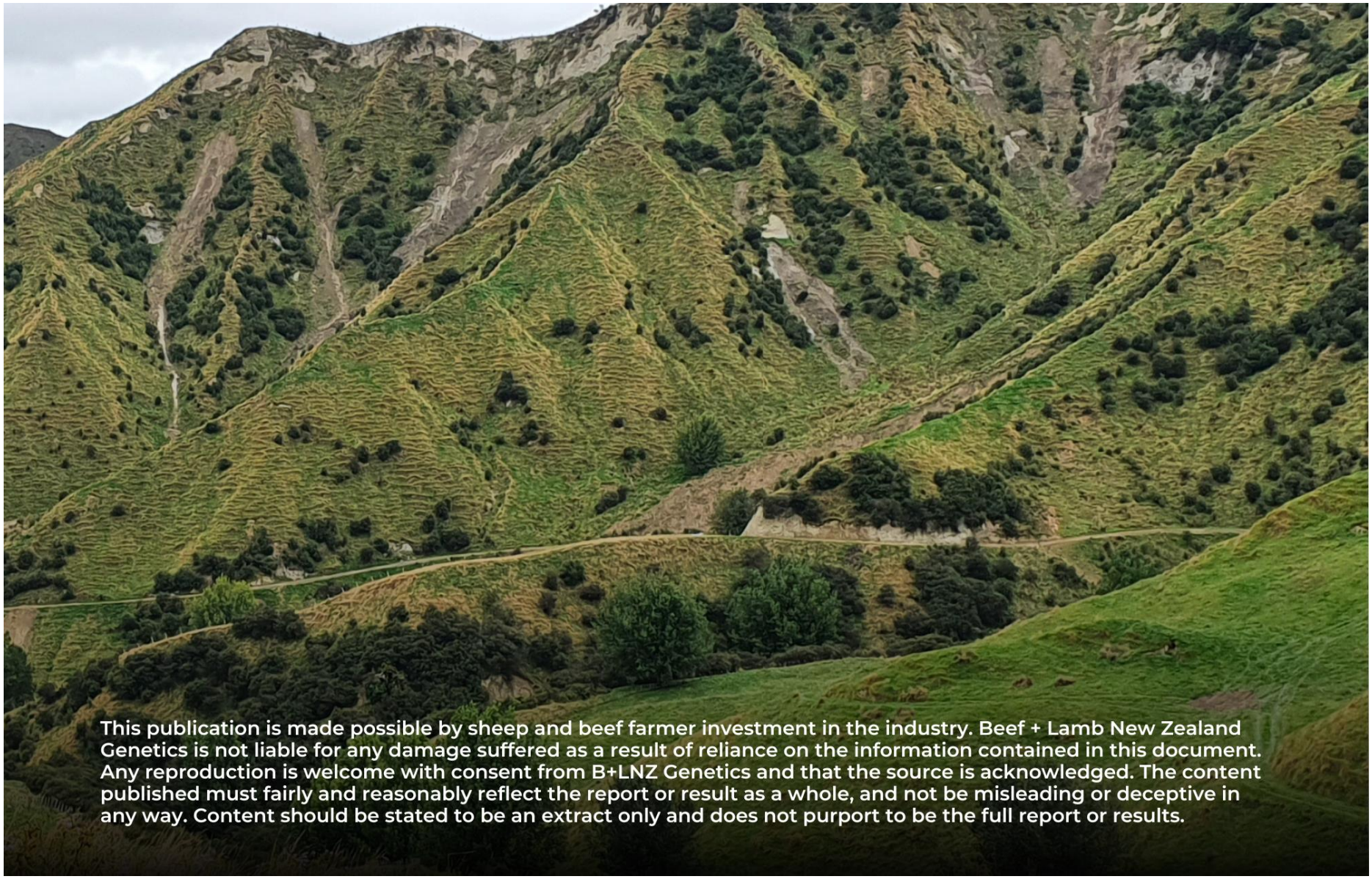

This publication is made possible by sheep and beef farmer investment in the industry. Beef + Lamb New Zealand Genetics is not liable for any damage suffered as a result of reliance on the information contained in this document. Any reproduction is welcome with consent from B+LNZ Genetics and that the source is acknowledged. The content published must fairly and reasonably reflect the report or result as a whole, and not be misleading or deceptive in any way. Content should be stated to be an extract only and does not purport to be the full report or results.

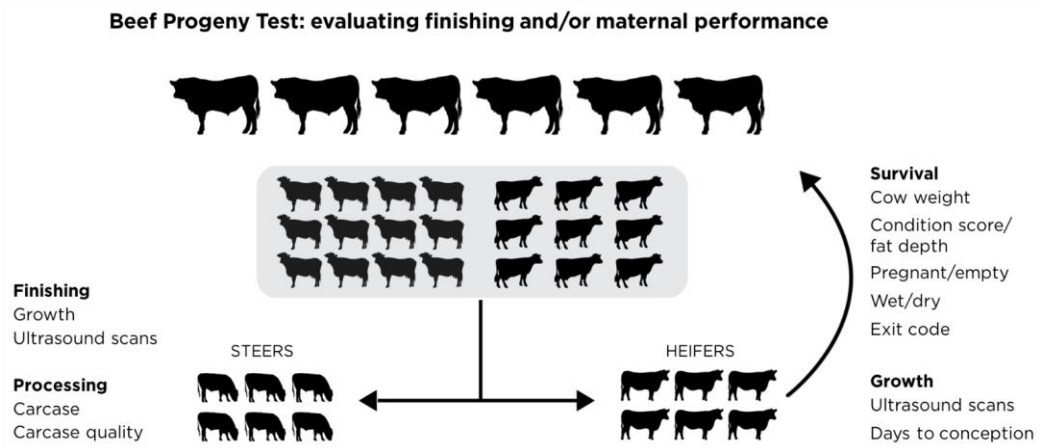
Table of contents

Introduction

This report provides an update on the traits recorded for the first two cohorts in the NZ Shorthorn Beef Recording Programme, reporting on sires used up until the 2023 mating, with all available data included.

The programme is being run on Bevan and Mary Proffit's steep hill country farm on the Parapara Range between Raetihi and Whanganui and compares bulls under New Zealand commercial farming conditions.

Data is collected from conception throughout the animal's life. Steers are assessed on their finishing performance and carcass traits, while replacement heifers are tracked for their maternal characteristics.



Acknowledgements

Programme partners: NZ Shorthorn Beef Association, Beef + Lamb New Zealand.

Industry partners: Craig Foote of Breedtech Services and Animal Breeding Services.

Participating herds: Thank you to the numerous bull owners and contributors that have supported the NZ Shorthorn Beef Recording Programme.

Background

The NZ Shorthorn Beef Recording Programme began with the 2022-mating season and has seen the first two cohorts of calves born in 2023 and 2024. The programme was initiated by the NZ Shorthorn Beef Association to collect performance data on Shorthorn bulls, with support from B+LNZ Genetics.

Over the past two mating seasons, approximately 350 females – primarily Shorthorn and Shorthorn-cross – have been artificially inseminated each year. Angus and Hereford Link sires to the B+LNZ across-breed Beef Progeny Test are included in the mating programme, creating the opportunity for the Shorthorn data to also be analysed in a multi-breed context. Around 250 cows are mated to Shorthorn sires, and about 50 each to Angus and Hereford link sires. The analysis reported here has included both the NZ Shorthorn Beef Recording Programme and the B+LNZ Beef Progeny Test datasets, with the Shorthorn bulls and link sires reported.

The same measurement design used in the B+LNZ Beef Progeny Test is applied, allowing for reliable evaluation of both maternal and terminal traits. In addition to growth and carcass traits, the test will explore heifer re-breeding success and temperament. This recording programme ensures that the Shorthorn breed's genetic potential can be more accurately compared to other breeds on a national level.

The test is running for three matings and heifers entering the herd each year will be monitored through till just after they 're-breed' as rising three-year-olds, taking the full analysis through to almost seven years.

Understanding the report

This report provides an indication on how sires are performing within the NZ Shorthorn Beef Recording Programme and can't be directly compared against BREEDPLAN EBVs, or EBVs from other evaluations. For selection purposes, it is strongly advised that BREEDPLAN or other evaluation EBVs and selection indexes be used.

The report is grouped into two sections – growth traits and ultrasound muscle scanning traits. Within the tables, the sires have been listed in ascending order by FIRST YEAR (progeny born), then alphabetically by BREED, then BULL NAME.

Bull Name and Animal ID: Both the registered bull name and Animal Identification number have been provided to help identify and search bulls on their relevant databases.

Progeny Born - (First Year/Last Year): refers to the first year and last year that progeny have been born to the sire and indicates if a sire has been used in more than one mating (sires are often used in multiple matings to provide linkage across years). It provides context when reviewing the number of recorded progeny. E.g. Sires with fewer progeny may have only been used in one mating.

Trait values and rankings

The progeny averages and rank are displayed for each trait. If there are no values displayed, progeny have not yet been recorded for that trait, or not enough progeny of that sire were recorded for the result to be reliable.

In most cases, higher-ranked sires have a higher value. E.g. the top ranked sire for Weaning Weight has the heaviest weight. When reviewing rankings, it is important to take into account the corresponding value figure as the difference between rankings may be minimal. E.g. in the example table provided on the next page, there is a 3kg difference between bulls ranked 2nd and 5th for Weaning Weight.

Interpreting the table

Bull Name / Animal ID = The name of the sire and it's Animal Identification number.

Progeny (N) = Number of recorded progeny (both sexes) by each sire. Excluding single animal contemporary groups and heifer progeny for carcase results. (except terminal heifers).

Progeny Born = The first year and last year that progeny has been born to the sire.

Total bulls: 100

Breed	Bull Name	Animal ID	First Year	Last Year	N	Weaning Weight (kg)	Rank
Breed A	NAME A	BLG000001	2019	2023	30	207	3
Breed A	NAME B	BLG000002	2020	2023	48	199	7
Breed B	NAME C	BLG000003	2021	2023	38	202	6
Breed B	NAME D	BLG000004	2019	2023	45	205	5
Breed B	NAME E	BLG000005	2018	2023	20	208	2
Breed B	NAME F	BLG000006	2023	2023	24	210	1
Breed C	NAME G	BLG000007	2022	2023	11	206	4

Total Bulls = The number of bulls that have progeny measured for the trait.

Trait values = The average performance of a sires' progeny. Values are calculated after adjusting for herd, management group, age of dam and age of animal (based on estimated conception date).

Trait rank = The ranking position of each sire for a particular trait, based on the number of bulls that have progeny measured for that trait. Rank 1 = the top-ranked sire.

Results

Table 1: Summary of adjusted progeny averages for growth traits.

Total bulls:	21												
Breed	Bull Name	Animal ID	First Year	Last Year	N	Weaning Weight (kg)	Rank	Yearling Weight (kg)	Rank	18 Month Weight (kg)	Rank	Hip Height (cm)	Rank
					Minimum	199.9		275.0		427.9		120.4	
					Average	205.1		280.0		437.9		122.9	
					Maximum	208.7		287.8		448.2		124.9	
Shorthorn	BROWNS SUPREME 20014	201120014	2023	2024	26	207.6	3	281.1	7	444.0	3	123.2	8
Shorthorn	GLENDHU OFAHENGAUE 19 927	228519927	2023	2023	13	207.0	5	278.8	10	434.8	11	124.9	3
Shorthorn	GLENDHU PROSPECTOR 20 22	228520022	2023	2024	28	206.5	7	286.7	2	443.6	4	124.9	2
Shorthorn	HINEWAKA BALANCE 72/16	222216072	2023	2024	23	205.3	12	280.2	8	445.9	2	122.9	10
Shorthorn	RAUPUHA HERITAGE 21030	211521030	2023	2024	23	203.7	17	276.2	15	435.9	10	122.3	12
Shorthorn	RAUPUHA Y LOCKYER 20029	211520029	2023	2023	14	204.1	16	278.1	12	434.6	12	120.4	16
Shorthorn	TURIWHATE YETI 105	234721105	2023	2024	28	206.3	8	278.9	9	437.2	9	124.7	5
Shorthorn	YAMBURGEN ANZAC L278 (IMP AUS)	AUYY L278	2023	2024	29	205.5	11	281.9	6	442.3	6	124.8	4
Angus	KAKAHU BOND 13007 *	NZE13300013007	2023	2024	40	207.7	2	287.8	1	443.5	5	123.9	6
Angus	LINTON 17070 (P) *	NZE20305017070	2023	2023	38	199.9	21	278.6	11	427.9	16	123.3	7
Hereford	ARDO AJAX 5014 *	0277155014	2023	2024	53	203.7	18	275.0	16	433.7	14	121.0	14
Hereford	LIMEHILLS STREAKER 150368 *	0677150368	2023	2024	48	204.8	14	283.1	3	448.2	1	123.0	9
Shorthorn	BROWNS SPIC N SPAN	201120019	2024	2024	16	207.3	4						
Shorthorn	HINEWAKA GIGABYTES 52/21	222221052	2024	2024	25	205.6	10						
Shorthorn	HIWIROA STOCKMAN 19037	232319037	2024	2024	19	203.1	20						
Shorthorn	MILL VALLEY KOKODA	234921017	2024	2024	27	204.8	13						
Shorthorn	YAMBURGAN GIGABYTES N4	AUYY N4	2024	2024	22	205.7	9						
Angus	HALLMARK STIRLING Q016 *	21224019Q016	2024	2024	47	204.4	15	282.7	4	438.1	8	120.9	15

Total bulls: 21													
Breed	Bull Name	Animal ID	First Year	Last Year	N	Weaning Weight (kg)	Rank	Yearling Weight (kg)	Rank	18 Month Weight (kg)	Rank	Hip Height (cm)	Rank
					Minimum	199.9		275.0		427.9		120.4	
					Average	205.1		280.0		437.9		122.9	
					Maximum	208.7		287.8		448.2		124.9	
Angus	STOKMAN REAL DEAL N247 *	NZE21043017N247	2024	2024	41	203.4	19	276.6	14	433.7	15	122.5	11
Hereford	NGAKOUKA PATU 2020 *	1557200020	2024	2024	46	208.7	1	277.0	13	434.0	13	124.9	1
Hereford	ORARI GORGE TARZAN 190091 *	0400190091	2024	2024	49	206.6	6	282.7	5	439.8	7	122.0	13

*The asterisk after the name denotes that these bulls are link sires. The number of progeny for those sires represent the total number of progeny across both the NZ Shorthorn Beef Recording Programme and the B+LNZ Beef Progeny Test.

Table 2: Summary of adjusted progeny averages for ultrasound scan traits.

Total bulls: 16													
Breed	Bull Name	Animal ID	First Year	Last Year	N	EMA (cm2)	Rank	Rib Fat (mm)	Rank	Rump Fat (mm)	Rank	IMF (%)	Rank
					Minimum	63.9		3.6		5.6		2.8	
					Average	64.9		4.0		6.2		3.1	
					Maximum	65.8		4.6		7.1		3.4	
Shorthorn	BROWNS SUPREME 20014	201120014	2023	2024	26	65.6	2	4.1	5	6.5	4	3.1	8
Shorthorn	GLENDHU OFAHENGAUE 19 927	228519927	2023	2023	13	65.3	4	4.1	7	6.2	9	3.0	11
Shorthorn	GLENDHU PROSPECTOR 20 22	228520022	2023	2024	28	65.0	9	3.6	16	5.7	15	3.0	12
Shorthorn	HINEWAKA BALANCE 72/16	222216072	2023	2024	23	65.8	1	4.3	3	6.6	3	3.3	4
Shorthorn	RAUPUHA HERITAGE 21030	211521030	2023	2024	23	64.3	14	4.1	6	6.2	10	2.9	13
Shorthorn	RAUPUHA Y LOCKYER 20029	211520029	2023	2023	14	65.1	8	4.5	2	6.5	5	3.2	7
Shorthorn	TURIWHATE YETI 105	234721105	2023	2024	28	64.5	12	3.7	15	5.7	14	3.1	9
Shorthorn	YAMBURGEN ANZAC L278 (IMP AUS)	AUYY L278	2023	2024	29	63.9	16	3.8	14	5.9	12	2.9	14
Angus	KAKAHU BOND 13007 *	NZE13300013007	2023	2024	40	64.9	10	4.1	8	6.2	11	3.3	5
Angus	LINTON 17070 (P) *	NZE20305017070	2023	2023	38	65.2	6	4.0	10	6.4	7	3.4	2
Hereford	ARDO AJAX 5014 *	0277155014	2023	2024	53	65.5	3	4.2	4	6.6	2	2.8	16
Hereford	LIMEHILLS STREAKER 150368 *	0677150368	2023	2024	48	65.2	7	4.6	1	7.1	1	3.3	3
Angus	HALLMARK STIRLING Q016 *	21224019Q016	2024	2024	47	64.5	13	4.1	9	6.3	8	3.2	6
Angus	STOKMAN REAL DEAL N247 *	NZE21043017N247	2024	2024	41	65.2	5	4.0	12	5.6	16	3.4	1
Hereford	NGAKOUKA PATU 2020 *	1557200020	2024	2024	46	64.0	15	3.9	13	5.9	13	3.1	10
Hereford	ORARI GORGE TARZAN 190091 *	0400190091	2024	2024	49	64.7	11	4.0	11	6.4	6	2.9	15

*The asterisk after the name denotes that these bulls are link sires. The number of progeny for those sires represent the total number of progeny across both the NZ Shorthorn Beef Recording Programme and the B+LNZ Beef Progeny Test.