



BEEF PROGENY TEST

Growth, Ultrasound Muscle Scanning and Carcase Report

AUGUST 2025



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Introduction

This report provides an update on the traits recorded for all cohorts in the original Beef Progeny Test (2014-2019 matings) and includes measurements collected on progeny in the iNZB across-breed Progeny Test – reporting on sires used up until the 2023 mating, with all available data included.

Now in its fifth year, the across-breed Beef Progeny Test (BPT) continues to make strides, with around 30 bulls nominated as sires for the 2024-mating season. At the Kepler Farm site in Southland, the programme achieved a record 70% conception rate via artificial insemination.

Data is collected from conception throughout the animal's life - including processing data from calves born into the programme and reproductive data from heifers born in 2021 and 2022.

Acknowledgements

Progeny Test properties: Whangara Farms (Gisborne), Pamu's Rangitaiki Station (Taupo), the Black family's Mendip Hills Station (North Canterbury), Lone Star Farms' Caberfeidh Station, (South Canterbury) and Tautane Station (Herbertville), Pāmu's Kepler farm and Rimanui Farm's Lochinver Station.

Project co-funders: Beef + Lamb New Zealand, Ministry for Primary Industries through its Sustainable Food and Fibre Futures fund and The NZ Meat Board.

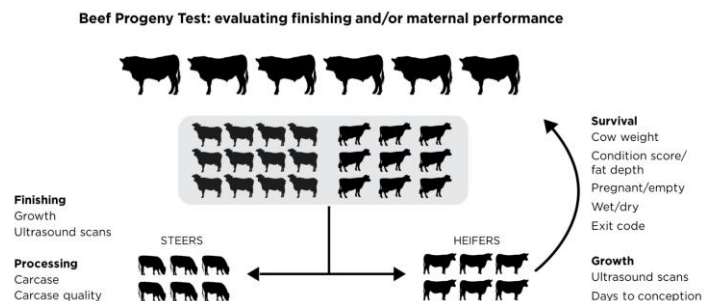
Industry partners: AbacusBio, Beef Breed Societies, Craig Foote of Breedtech Services and Silver Fern Farms.

Participating herds: Thank you to the numerous bull owners and contributors that have supported the Progeny Test. For a list of sires in each cohort, including copies of earlier reports, please visit our website: <https://www.blznzgenetics.com/progeny-tests>

Background

What is the Beef Progeny Test?

The Beef Progeny Test (BPT) compares bulls under New Zealand commercial farming conditions. It was established in 2014 on five large properties across New Zealand. The last mating was in 2019 with final measurements collected in 2023 on three properties – Whangara Farms, Pamu's Rangitaiki Station and Mendip Hills Station.



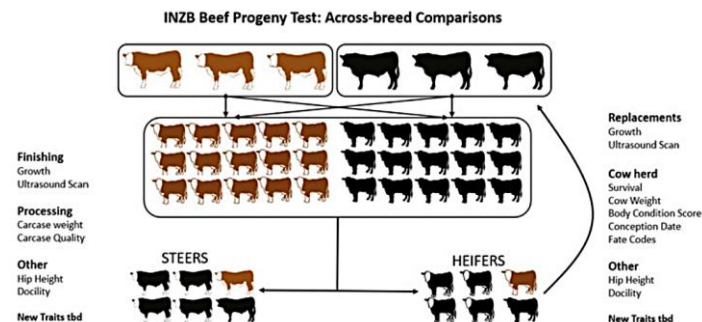
Steers were assessed on their finishing performance and carcass traits, while replacement heifers were tracked for their maternal characteristics.

Some bulls were included to provide genetic links to other programmes, where carcass data is being collected (e.g. the Australian Angus Sire Benchmark Programme, Hereford Progeny Test, Angus Sire Alliance and the B+LNZ Genetics Dairy Beef Progeny Test).

Please see our website for copies of past reports
<https://www.blznzgenetics.com/progeny-tests/beef-progeny-tests>

The INZB across-breed Beef Progeny Test

The across-breed BPT is a component of the Informing NZ Beef (INZB) programme and builds on data gathered from the original BPT. It has been run at Pāmu's Kepler farm (Te Anau) since its first mating in 2020. A North Island-based site at Lochinver Station, (Rangitaiki Plains) was included in 2022.



The programme is fundamental to a multi-breed evaluation, linking different breeds and using New Zealand-collected data to accurately estimate hybrid vigour. At Kepler, Angus and Hereford cows are run side-by-side with crosses undertaken both ways. The same Angus and Hereford bulls used at Kepler are used at Lochinver. Simmental sires have also been added to the mix at Lochinver (across Angus cows).

The Test retains pure-bred and first-cross heifer progeny (as commercially viable), evaluating them under natural service for at least their first two matings. Trait measurements collected are similar to the original BPT programme.

Understanding the sire report

This report provides an indication on how sires have performed in the Beef Progeny Test and how sires are currently performing in the ongoing iNZB across-breed Progeny Test. These results 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.

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. For the Ossification trait, lower values are better as they indicate younger physiological maturity at slaughter. Therefore, the top-ranked sire for Ossification has the smallest value. See appendix for trait definitions.

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.

Some additional traits are recorded in the trial but not included in the sire report because the trait showed very little sire variation, i.e. - it is not under significant genetic control. These traits include pH, fat colour and meat colour.

Interpreting the tables

The report is grouped into three sections – growth traits, ultrasound muscle scanning traits and carcass quality traits (processing data).

Within the tables, the sires have been listed in ascending order by FIRST YEAR (progeny born), then alphabetically by BREED, then BULL NAME.

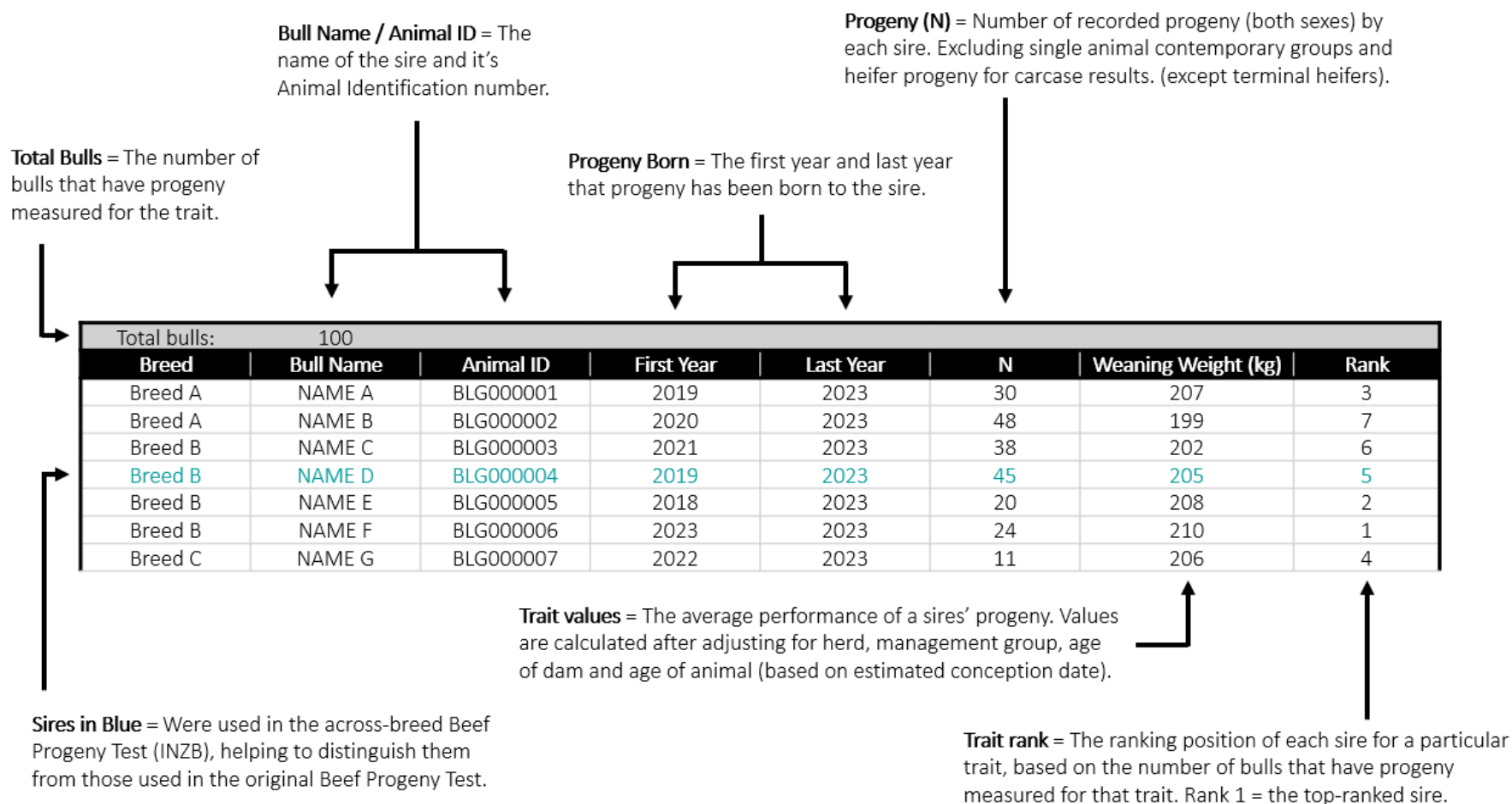
Bull Name and Animal ID: Both the registered bull name and Animal Identification number have been provided to help identify and search bulls on their relevant databases.

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.

Updated Breeding Value Estimation

The analysis for ultrasound muscle scanning traits has been updated to adjust for the weight of the animals at time of scanning. This adjustment enables comparisons of muscularity and fatness, rather than absolute size. Similarly, carcass traits have been adjusted for carcass weight to remove the influence of carcass weight differences on fat and muscle traits. This differs from the approach in past reports, so some re-ranking of sires may occur. Both approaches (adjusted vs unadjusted for weight) are used in different genetic evaluations, with the adjusted approach adopted for this report being similar to that used by BREEDPLAN for carcass traits.

Interpreting the table



Results

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

Total bulls: 278											
Breed	Bull Name	Animal ID	First Year	Last Year	N	Weaning Weight (kg)	Rank	Yearling Weight (kg)	Rank	18-Months Weight (kg)	Rank
Minimum						198.2		264.8		416.2	
Average						205.2		280.3		440.3	
Maximum						214.4		294.0		470.5	
Angus	CONNALLY REVENUE 7392	US17220531	2015	2016	22	207.6	47	280.5	135	436.8	174
Angus	EF COMPLEMENT 8088	US16198796	2015	2016	19	201.5	258	273.9	235	438.6	148
Angus	FOSSIL CREEK HERO H006	NZE18681012006	2015	2015	22	202.9	225	276.8	201	438.2	153
Angus	G A R MOMENTUM	US17354145	2015	2016	17	205.1	141	282.0	101	438.0	155
Angus	GLANWORTH WAIGROUP 1213	1215401213	2015	2015	22	200.0	274	279.2	152	437.2	169
Angus	H P C A INTENSITY	US17366506	2015	2016	21	206.6	82	285.1	47	443.7	89
Angus	LINTON 13007	NZE20305013007	2015	2015	17	203.9	188	271.1	251	423.1	256
Angus	MATAURI OUTLIER F031	14647010F031	2015	2016	32	206.9	73	287.7	19	451.7	20
Angus	MATAURI REALITY 839	14647008839	2015	2016	25	205.8	117	282.2	99	436.5	178
Angus	NGAPUTAHU EUREKA E38	NZE21095009E38	2015	2016	24	203.2	215	277.1	192	433.8	209
Angus	PA SAFEGUARD 121	US16772185	2015	2017	37	204.3	171	281.9	104	444.2	82
Angus	PINEBANK 64/10	1199001064	2015	2016	21	204.8	155	275.5	219	428.2	248
Angus	RENNYLEA EDMUND E11	AUNORE11	2015	2016	27	206.2	96	286.9	24	443.0	95
Angus	RISSINGTON 135057	NZE145720135057	2015	2015	21	205.5	127	280.9	128	432.0	226
Angus	RISSINGTON 135262 (ET)	NZE145720135262	2015	2015	22	208.4	28	286.3	30	450.0	32
Angus	RISSINGTON ANALYST 135252 (ET)	NZE145720135252	2015	2015	27	207.5	54	282.8	81	441.8	111
Angus	RISSINGTON PROMINENT 100104	NZE145720100104	2015	2015	22	208.1	35	283.4	74	452.5	17
Angus	RISSINGTON RESOLUTE 120992 (ET)	NZE145720120992	2015	2015	13	205.0	148	282.1	100	436.2	181
Angus	S A V BRUISER 9164 (US)	US16396531	2015	2016	17	207.5	51	287.8	18	445.2	69
Angus	STORTH OAKS H114	NZE19507012H114	2015	2016	30	203.8	192	283.8	66	443.7	85
Angus	STORTH OAKS H2	NZE19507012H2	2015	2016	28	202.9	226	280.9	126	437.9	158
Angus	STORTH OAKS H41	NZE19507012H41	2015	2015	17	206.4	86	287.2	20	445.6	61

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Minimum						198.2		264.8		416.2	
Average						205.2		280.3		440.3	
Maximum						214.4		294.0		470.5	
Angus	TANGIAU KAINO H29	16883012H29	2015	2016	27	204.3	170	278.6	164	438.6	147
Angus	TE MANIA 11 553	NZE16932011553	2015	2016	24	206.0	106	278.9	162	438.4	150
Angus	TOTARANUI 238 (ET)	NZE12922011238	2015	2016	27	211.1	4	284.3	56	448.5	43
Angus	TURIHAUA CRUMP E5	17691009E5	2015	2016	24	203.2	213	281.3	118	436.2	183
Angus	TURIHAUA LIBERATION	17691007C27	2015	2015	34	202.8	232	274.1	234	430.7	235
Hereford	BEECHWOOD TURK	0051100094	2015	2015	12	206.2	100	277.3	185	431.7	228
Hereford	BLUESTONE 120061	1683120061	2015	2016	29	203.9	191	277.2	189	434.0	206
Hereford	KOANUI ROCKET 0219	0216000219	2015	2016	21	205.1	143	279.5	148	442.5	104
Hereford	MATARIKI HOLY SMOKE	0281070390	2015	2016	12	209.7	14	282.6	87	443.4	90
Hereford	NITHDALE ELVIS 040021	0400040021	2015	2016	13	208.5	27	285.4	41	445.1	71
Hereford	OKAWA DAVIS 7046	0617070046	2015	2015	19	205.7	120	283.6	71	442.8	99
Hereford	OKAWA MARSHALL 0109	0617100109	2015	2016	15	202.1	244	280.0	141	439.5	139
Hereford	OTAPAWA SPARK 3060	0347033060	2015	2015	27	207.1	68	283.0	80	440.9	119
Hereford	WAIKAKA TURNING POINT 110015	0328110015	2015	2016	13	206.3	92	281.9	105	442.9	97
Hereford	WIRRUNA DAFFY D1 (IMP AUS)	AUWNAD1	2015	2016	22	204.5	163	270.9	253	425.6	253
Simmental	GLEN ANTHONY Y-ARTA AY02 (ET)	0299AY0002	2015	2016	12	205.9	108	275.4	221	440.8	120
Simmental	GLENSIDE ATOMIC A5	1312AA0005	2015	2015	11	208.6	26	283.0	77	452.8	16
Simmental	KERRAH A456	1667AA0456	2015	2016	15	209.4	16	290.2	6	445.6	60
Simmental	KERRAH XFACTOR AX187 (ET)	1667AX0187	2015	2016	12	207.2	66	288.8	13	445.9	58
Simmental	KERRAH YES SIR AY393	1667AY0393	2015	2016	15	203.8	194	284.3	54	447.8	44
Simmental	RISSINGTON AB5185	0049AB5185	2015	2016	10	210.7	9	292.4	3	459.2	3
Simmental	RISSINGTON NEW STANDARD AU158	0049AU0158	2015	2015	15	212.2	2	292.6	2	470.5	1
Simmental	TOKAWEKA HANDSOME AH801	0079AH0801	2015	2015	15	206.1	102	281.4	115	446.3	54
Simmental	WAIKITE AA2036	1455AA2036	2015	2016	11	207.1	67	283.6	68	450.8	23
Stabilizer	FOCUS BIG GENE 121293	N/A	2015	2017	25	208.0	37	282.2	98	442.1	108
Stabilizer	FOCUS FORCEFUL 135159	N/A	2015	2016	20	203.7	198	270.0	255	416.2	260
Stabilizer	FOCUS FOREFRONT 121599	N/A	2015	2016	29	198.8	277	274.6	231	429.2	245

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Maximum						214.4		294.0		470.5	
Stabilizer	FOCUS PORTERHOUSE 135361	N/A	2015	2016	30	204.1	181	276.7	204	427.9	249
Stabilizer	FOCUS TRINITY 135263	N/A	2015	2016	18	202.2	243	280.9	127	437.3	168
Angus	DEER VALLEY ALL IN (US)	US17307074	2016	2017	28	207.2	64	289.5	9	449.8	33
Angus	FOCUS 131511	NZE194730131511	2016	2017	21	205.3	132	276.9	197	440.3	129
Angus	FOCUS 131539	NZE194730131539	2016	2017	24	204.5	164	278.3	168	431.0	232
Angus	FOCUS 143143	NZE194990143143	2016	2017	24	207.6	49	286.0	34	449.5	34
Angus	KAKAHU BOND 13007 *	NZE13300013007	2016	2022	31	206.9	72	288.3	17	443.1	93
Angus	KAKAHU JUBILANT 13054	NZE13300013054	2016	2017	22	207.4	58	277.9	176	436.9	171
Angus	LINTON 13543	NZE20305013543	2016	2017	18	203.6	203	279.2	154	440.7	124
Angus	MEADOWSLEA F540	19134010540	2016	2019	21	205.9	109	284.7	50	438.8	145
Angus	MT MABLE FAT BOY 373	12188006373	2016	2017	23	200.6	270	272.2	244	425.4	254
Angus	STORTH OAKS EVEREST J20	NZE19507013J20	2016	2017	33	203.9	186	283.9	64	445.2	65
Angus	STORTH OAKS J29	NZE19507013J29	2016	2017	43	202.3	241	275.9	215	436.4	179
Angus	STORTH OAKS JACK J7	NZE19507013J7	2016	2018	31	209.3	17	285.9	36	459.0	4
Angus	TE MANIA GARTH G67	VTMG67	2016	2016	25	206.8	79	288.5	15	450.8	24
Angus	TE MANIA JONAH 13588	NZE16932013588	2016	2017	29	205.7	118	279.5	147	446.0	57
Angus	TURIHAUA SIR CRUMBLE E222	17691009E222	2016	2017	29	206.3	94	282.8	84	444.9	75
Angus	TUWHARETOA REGENT D145 (AUS)	AUBNAD145	2016	2018	45	207.6	48	284.9	49	450.6	26
Angus	VAR RESERVE 1111 (US)	US16916944	2016	2017	18	205.9	112	276.6	205	435.2	194
Angus	WAITANGI D213	NZE18954008D213	2016	2017	24	203.9	189	278.3	169	444.5	79
Angus	WHANGARA 12323	NZE13649012323	2016	2017	25	208.9	21	283.4	73	451.9	18
Charolais	CENTREWOOD 130516	001130516E	2016	2017	14	205.3	131	281.4	116	437.0	170
Charolais	KAITOKO COMMODORE C22	471070022E	2016	2017	12	208.6	24	283.7	67	445.0	72
Charolais	SILVERSTREAM GEDDES G102	083110102D	2016	2017	13	201.6	254	284.2	58	429.5	244
Hereford	ARDO FARGO 1154	0277111154	2016	2018	27	202.9	223	269.5	256	431.6	229
Hereford	COLRAINE CODE WORD 13 139	1660130139	2016	2018	18	201.9	248	275.2	223	450.5	28
Hereford	EFBEEF U208 FORTUNE Y848 (US)	US43187500	2016	2017	23	202.9	224	273.6	236	420.7	259

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Average						205.2		280.3		440.3	
Maximum						214.4		294.0		470.5	
Hereford	GRASSMERE SPARK 555	0200080555	2016	2017	19	201.4	259	276.7	202	434.3	204
Hereford	KOANUI CHIEFLY 2510	0216122510	2016	2018	16	206.4	89	281.8	107	439.1	141
Hereford	KOANUI UNANIMOUS 0408	0216100408	2016	2018	13	203.1	220	279.9	142	440.7	122
Hereford	LIMEHILLS STAMPER 120719	0677120719	2016	2017	17	207.7	46	280.8	130	441.7	113
Hereford	MONYMUSK GALLANT	0272110089	2016	2017	11	204.2	177	276.8	199	443.1	94
Hereford	OKAWA MAJOR 2008	0617120008	2016	2017	14	206.2	98	283.1	75	443.0	96
Hereford	ORARI GORGE MISCHIEF 120083 *	0400120083	2016	2022	31	210.6	10	288.8	14	441.3	117
Hereford	WIRRUNA ECHUCA (AUS)	AUWNAE99	2016	2018	26	207.0	71	281.2	119	438.8	144
Simmental	CDI RIMROCK 325Z (US)	2700121	2016	2017	13	208.9	22	286.0	35	445.2	66
Simmental	GLENSIDE CATALYST C23	1312AC0023	2016	2016	14	202.1	247	271.3	250	432.6	220
Simmental	HOOKS YELLOWSTONE 97Y (US)	US2612546	2016	2016	15	207.0	70	277.5	182	437.3	167
Simmental	KERRAH AX49	1667AX0049	2016	2017	12	205.1	142	279.8	145	436.1	186
Simmental	KERRAH BANDWAGON B306	1667AB0306	2016	2016	14	201.5	257	271.0	252	434.3	202
Simmental	KERRAH BANKER B464	1667BB0464	2016	2017	14	204.0	185	283.0	79	443.7	86
Simmental	RISSINGTON AC244	0049AC0244	2016	2016	10	204.4	166	280.5	134	444.5	80
Simmental	RIVERBEND TAMARACK 60N PF (CAN)	CA618651	2016	2017	12	204.8	156	273.3	238	434.6	200
Simmental	WAIKITE AB2038	1455AB2038	2016	2017	14	201.0	265	276.1	212	439.1	140
Simmental	WAIKITE AC2016	1455AC2016	2016	2018	11	206.7	80	282.7	86	445.0	73
Simmental	WAIKITE AMPLE AA2241	1455AA2241	2016	2017	14	202.2	242	278.3	170	436.4	180
Stabilizer	FOCUS BIG GENE 121292	N/A	2016	2019	41	202.5	239	282.3	94	442.3	107
Angus	BRAVEHEART OF STERN	1217000784	2017	2018	21	203.4	207	280.1	139	442.4	105
Angus	EARNSCLEUGH TUSOCK 144307	210130144307	2017	2018	21	207.8	40	286.3	31	454.9	10
Angus	EMBLAZON 999 (US)	US16665803	2017	2018	20	203.3	209	277.8	179	434.4	201
Angus	GLANWORTH WAIGROUP 14163	12154014163	2017	2018	27	203.1	219	283.6	69	442.1	110
Angus	GRAMPIANS LOTTERY K13	NZE21150014K13	2017	2018	21	201.9	249	275.4	220	428.8	246
Angus	H P C A PROCEED (US)	US16956101	2017	2017	33	207.4	56	280.0	140	436.1	187
Angus	KAKAHU 14003	NZE13300014D003	2017	2018	24	205.0	147	284.3	55	444.3	81

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Minimum						198.2		264.8		416.2	
Average						205.2		280.3		440.3	
Maximum						214.4		294.0		470.5	
Angus	LINTON 15077	NZE20305015077	2017	2018	17	202.8	228	280.4	136	440.8	121
Angus	PATHFINDER GENESIS G357 (AUS)	SMPG357	2017	2017	45	207.9	38	286.9	25	449.1	35
Angus	PINEBANK 97/11	1199001197	2017	2018	22	205.2	135	282.8	82	450.1	30
Angus	RENNYLEA K163	AUNORK163	2017	2018	26	205.0	145	281.7	109	439.6	136
Angus	RISSINGTON PREMIUM CUT C487	NZE14572015C487	2017	2018	18	207.5	52	286.2	32	445.4	62
Angus	SEVEN HILLS 129/14	NZE21159014129	2017	2017	32	203.9	187	283.6	70	437.8	161
Angus	STORTH OAKS ANGUS PRIME K5	NZE19507014K5	2017	2018	24	201.3	260	275.7	216	426.2	251
Angus	STORTH OAKS K122	NZE19507014K122	2017	2019	42	204.3	169	282.7	85	448.8	40
Angus	STORTH OAKS K134	NZE19507014K134	2017	2018	19	208.1	34	283.9	63	459.0	5
Angus	THOMAS UP RIVER 1614 (US)	AAA 17091363	2017	2018	30	207.8	39	284.5	53	443.4	92
Angus	TURIHAUA MYTHOLOGY F236	17691010F236	2017	2018	20	206.5	84	284.6	51	442.1	109
Angus	VAR GENERATION 2100 (US)	AAA 17171587	2017	2017	16	202.8	233	276.8	200	435.1	196
Angus	WAITAWHETA K44 AB	18938014K44	2017	2018	26	210.7	8	290.0	7	450.7	25
Angus	WR JOURNEY-1X74 (ET)	US16924332	2017	2018	27	205.7	119	282.6	89	443.7	88
Charolais	BLELACK DIGGER	UKMBM0038543	2017	2018	17	206.5	83	276.4	208	445.2	68
Charolais	HEMINGFORD JERICO J95	803140095E	2017	2018	13	204.0	184	276.0	214	439.8	133
Charolais	SILVERSTREAM FRAMPTON F17	083100017E	2017	2018	13	207.1	69	284.1	60	449.0	36
Charolais	WHANANAKI APOLLO A78	484050078E	2017	2018	12	203.2	218	276.1	213	438.0	157
Hereford	ARDO ACHILLES 120	0277100120	2017	2018	17	200.2	272	271.6	247	432.4	222
Hereford	ARDO BISMARCK 4256	0277144256	2017	2018	21	202.5	237	277.7	181	432.2	225
Hereford	GRASSMERE GALANT 9	0200140009	2017	2018	24	208.1	33	277.2	188	444.5	78
Hereford	INJEMIRA ANZAC K220 (AUS)	IHSK220	2017	2017	17	205.9	111	278.3	167	446.1	56
Hereford	KOANUI TECHNO 3062	0216133062	2017	2018	20	206.2	99	277.1	193	442.9	98
Hereford	MATARIKI 140255	0281140255	2017	2018	22	203.9	190	271.5	248	437.5	166
Hereford	ORARI GORGE OLIGARCH 140025	0400140025	2017	2017	10	207.2	62	284.2	57	445.4	64
Hereford	SHF ALL STAR (US)	US43379326	2017	2018	18	201.0	263	276.4	209	438.5	149
Hereford	TE TAUMATA FOUNDATION 14684	0308140684	2017	2018	21	205.0	149	278.0	174	439.6	137

Total bulls: 278											
Breed	Bull Name	Animal ID	First Year	Last Year	N	Weaning Weight (kg)	Rank	Yearling Weight (kg)	Rank	18-Months Weight (kg)	Rank
Minimum						198.2		264.8		416.2	
Average						205.2		280.3		440.3	
Maximum						214.4		294.0		470.5	
Hereford	TLELL 29F RED CEDAR 8N (CAN)	CA02826570	2017	2018	19	199.6	275	281.7	108	432.6	219
Simmental	GLENSIDE CRUMPY C4	1312AC0004	2017	2018	17	205.2	136	281.5	114	438.8	146
Simmental	GLENSIDE DUMP TRUCK D12	1312AD0012	2017	2018	15	207.2	63	284.2	59	446.9	51
Simmental	HOOKS BEACON 56B (US)	US2854180	2017	2018	14	204.4	168	281.8	106	430.3	237
Simmental	KERRAH CAPTAIN C400	1667AC0400	2017	2018	15	206.8	74	286.4	29	457.3	8
Simmental	LEAFLAND CAPTAIN C1	1614AC0001	2017	2018	16	207.7	44	285.6	40	450.1	31
Simmental	MR NLC UPGRADE U8676 (US)	US2474338	2017	2018	20	205.6	123	285.1	46	446.8	52
Simmental	RISSINGTON AD372 (ET)	0049AD0372	2017	2018	15	207.7	45	288.9	12	458.6	6
Simmental	RISSINGTON DESTINED AD8	0049AD0008	2017	2018	16	207.2	65	279.2	153	444.9	76
Simmental	WAIKITE ZACKARIAS AZ0176	1455AZ0176	2017	2018	18	205.8	115	289.5	10	453.0	14
Simmental	WS PRIME BEEF Z8 (US)	US2675742	2017	2018	14	203.4	208	279.0	160	437.7	164
Stabilizer	STABILIZER 140082	N/A	2017	2018	19	200.9	269	271.7	246	432.8	215
Stabilizer	STABILIZER 140850	N/A	2017	2019	28	200.9	267	269.1	258	423.4	255
Angus	ARDROSSAN HONOUR H255 (AUS)	AUNAQH255	2018	2019	22	204.2	175	271.8	245	436.1	185
Angus	BLUE MOUNTAIN BRILLIANZ O5	210530135	2018	2019	18	206.8	75	279.8	143	438.0	156
Angus	FOCUS GENETICS 163069	NZE194990163069	2018	2019	22	204.2	174	282.5	90	438.1	154
Angus	GRAMPIANS BUZZ L11	NZE21150015L11	2018	2018	17	204.9	152	281.6	113	436.2	182
Angus	KAKAHU 16159	NZE13300016159	2018	2019	21	205.3	133	276.7	203	436.7	175
Angus	LD CAPITALIST 316 (USA)	US17666102	2018	2018	23	206.4	88	277.2	186	436.9	172
Angus	LINTON 16042	NZE20305016042	2018	2018	30	204.7	159	280.8	129	440.5	127
Angus	MILLAH MURRAH LOCH UP L133 (AUS)	AUNMML133	2018	2019	20	205.9	110	281.7	112	445.2	67
Angus	PA FULL POWER 1208 (USA)	US16981588	2018	2019	27	206.4	87	282.4	92	441.5	115
Angus	QUAKER HILL MILE HIGH 4EX31 (USA)	US18078212	2018	2019	27	209.0	19	286.0	33	448.5	42
Angus	REILAND HILARY H874 (AUS)	AUNLRH874	2018	2019	14	210.0	11	283.1	76	442.7	100
Angus	RISSINGTON 160136	NZE145720160136	2018	2019	18	206.7	81	285.4	42	441.4	116
Angus	RISSINGTON RESOLVED C116	NZE14572015C116	2018	2019	22	203.5	204	269.2	257	432.3	223
Angus	SEVEN HILLS 85/15	NZE21159015085	2018	2019	21	204.4	167	277.1	191	432.9	214

Total bulls: 278											
Breed	Bull Name	Animal ID	First Year	Last Year	N	Weaning Weight (kg)	Rank	Yearling Weight (kg)	Rank	18-Months Weight (kg)	Rank
Minimum						198.2		264.8		416.2	
Average						205.2		280.3		440.3	
Maximum						214.4		294.0		470.5	
Angus	STORTH OAKS L94	NZE19507015L94	2018	2019	26	214.4	1	287.2	21	447.3	48
Angus	SYDGEN EXCEED 3223 (USA)	US17501893	2018	2019	31	202.1	246	277.0	194	430.2	239
Angus	TE MANIA 15380	NZE16932015380	2018	2019	16	209.1	18	284.6	52	448.7	41
Angus	TE MANIA MULLER 16305 *	NZE16932016305	2018	2022	35	210.8	7	285.3	44	453.1	13
Angus	TOTARANUI 15151	NZE12922015151	2018	2018	19	207.4	57	281.7	111	434.0	207
Angus	TURIROA 16M013	15603016M013	2018	2019	14	207.4	59	289.1	11	450.9	22
Angus	WHENUAPAPA CRUMBLE 8-10	212110108	2018	2019	15	203.6	202	281.2	121	443.7	87
Charolais	HEMINGFORD ICONIC I9	803130009E	2018	2018	10	207.3	61	284.0	62	450.2	29
Charolais	PALGROVE XCEPT (AUS)	AUPKX488	2018	2019	11	204.6	160	273.1	239	432.7	218
Charolais	SILVERSTREAM LANDIS L179	083150179E	2018	2019	13	206.3	91	277.3	184	439.6	138
Charolais	SPARROWS BRAXTON 519C (USA)	PMC367500	2018	2019	18	204.0	183	274.2	233	433.4	212
Hereford	ARDO AJAX 5014 *	0277155014	2018	2022	35	202.6	235	275.6	218	435.0	197
Hereford	CRAIGMORE IKE 140260	0169140260	2018	2019	19	202.1	245	275.6	217	432.3	224
Hereford	DAYS ROBIN HOOD H38 (AUS)	AUDAYH38	2018	2019	23	201.8	252	271.3	249	440.5	128
Hereford	GRASSMERE GALLANT 152	0200150152	2018	2019	29	206.4	85	276.2	211	435.6	189
Hereford	KOANUI LEGIT 6444 *	0216166444	2018	2022	37	199.0	276	270.1	254	431.0	234
Hereford	LIMEHILLS STREAKER 150368 *	0677150368	2018	2022	32	204.0	182	281.2	120	446.4	53
Hereford	OKAWA HOGAN 3156	0617130156	2018	2018	17	206.3	95	279.0	158	440.7	123
Hereford	ORARI GORGE PATTON 150051	0400150051	2018	2019	22	202.5	238	272.4	243	429.9	241
Hereford	ORARI GORGE QUANTUM 160091	0400160091	2018	2019	17	201.0	264	282.0	102	439.7	134
Hereford	WESTHOLM TRUST R 58	0421160058	2018	2019	20	205.8	116	274.9	228	437.6	165
Simmental	CCR COWBOY CUT 5048Z (USA)	US2703910	2018	2019	13	203.3	211	283.0	78	438.3	152
Simmental	JANEFIELD ED AE1	1671AE0001	2018	2019	13	206.8	77	279.2	155	435.4	193
Simmental	POTAWA ADMIRAL	1665AA0007	2018	2018	11	206.1	103	277.2	187	441.8	112
Simmental	RISSINGTON AA0809	0049AA0809	2018	2019	13	203.6	200	283.4	72	447.1	50
Simmental	RISSINGTON EXCEED AE203	0049AE0203	2018	2019	10	201.6	255	279.3	150	435.1	195
Simmental	WAIKITE AY0097	1455AY0097	2018	2019	17	207.7	43	290.4	5	456.8	9

Total bulls: 278											
Breed	Bull Name	Animal ID	First Year	Last Year	N	Weaning Weight (kg)	Rank	Yearling Weight (kg)	Rank	18-Months Weight (kg)	Rank
Minimum						198.2		264.8		416.2	
Average						205.2		280.3		440.3	
Maximum						214.4		294.0		470.5	
Simmental	WS RED MOON D76 (USA)	US3115609	2018	2019	18	201.0	266	275.2	222	431.8	227
Angus	CONNEALY LEGENDARY 644L (USA)	US18534952	2019	2020	18	205.0	151	279.0	156	434.8	199
Angus	KAKAHU LACHLAN 15095	NZE13300015095	2019	2020	29	205.4	128	280.8	131	431.4	230
Angus	LINTON 16107	NZE20305016107	2019	2020	19	201.8	251	277.8	178	435.4	190
Angus	RISSINGTON 17014	NZE14572017014	2019	2020	19	204.2	176	280.6	133	434.1	205
Angus	STORTH OAKS JOURNEY M31	NZE19507016M31	2019	2020	20	201.8	250	274.4	232	426.1	252
Angus	STORTH OAKS M10	NZE19507016M10	2019	2020	22	208.6	25	282.2	96	460.0	2
Angus	STORTH OAKS M119	NZE19507016M119	2019	2020	17	200.6	271	281.7	110	441.7	114
Angus	SYDGEN BLACK PEARL 2006 (USA)	US17236055	2019	2020	23	207.4	60	280.8	132	443.4	91
Angus	TE MANIA MATRIX 16018	NZE16932016018	2019	2020	16	201.6	253	281.1	122	436.7	176
Angus	WAITANGI M203 *	NZE18954016M203	2019	2022	28	205.1	139	277.1	190	430.0	240
Angus	WAITANGI M214	NZE18954016M214	2019	2020	20	204.9	153	276.9	198	435.7	188
Charolais	HEMINGFORD NEXT DIRECTION N64	803170064E	2019	2020	19	203.6	199	275.1	224	437.8	159
Charolais	KAKAHU GERRY 140506	001140506E	2019	2020	11	206.2	101	279.8	144	435.4	192
Charolais	SILVERSTREAM MANHATTEN M171	083160171D	2019	2020	15	203.0	222	274.9	227	433.9	208
Gelbvieh	GLADSTONE RED BARON PN19 ET (AI)	MCCPN19	2019	2020	10	203.7	196	272.5	242	430.3	238
Hereford	LIMEHILLS STARTER 160062	0677160062	2019	2020	30	204.3	172	278.8	163	447.5	46
Hereford	MATARIKI 110637 *	0281110637	2019	2022	32	205.6	124	278.2	171	439.9	132
Hereford	MATARIKI J215	0281160215	2019	2020	33	206.8	78	287.2	23	441.2	118
Hereford	OKAWA STAMPER 160124	0617160124	2019	2020	36	200.1	273	264.8	260	422.9	257
Hereford	WIRRUNA MATTY M288 (AUS) *	WNAM288	2019	2022	40	203.8	193	273.0	240	439.6	135
Limousin	MANGATARA 335L	N/A	2019	2020	20	205.4	129	277.9	175	434.3	203
Limousin	MANGATARA JOOL	N/A	2019	2020	16	198.2	278	268.2	259	422.0	258
Shorthorn	ORENA BALANCE 15012	209315012	2019	2020	11	204.8	154	277.4	183	431.4	231
Simmental	GLEN ANTHONY AE12	0299AE0012	2019	2020	29	203.7	195	278.9	161	444.8	77
Simmental	GLENSIDE FRONTIER F19	1312AF0019	2019	2020	24	209.7	15	282.8	83	453.2	12
Simmental	HOOKS DELEGATE 64D (USA)	US3132798	2019	2020	31	205.6	122	277.7	180	440.5	126

Total bulls: 278											
Breed	Bull Name	Animal ID	First Year	Last Year	N	Weaning Weight (kg)	Rank	Yearling Weight (kg)	Rank	18-Months Weight (kg)	Rank
Minimum						198.2		264.8		416.2	
Average						205.2		280.3		440.3	
Maximum						214.4		294.0		470.5	
Simmental	KERRAH EPIC E303	1667AE0303	2019	2020	28	211.9	3	294.0	1	450.5	27
Simmental	OWHATA AE7	1689AE0007	2019	2020	15	208.3	30	286.8	27	451.9	19
Simmental	RISSINGTON AF184	0049AF0184	2019	2020	23	206.1	104	285.3	43	437.8	163
Simmental	RISSINGTON AF44	0049AF0044	2019	2020	25	201.3	261	275.0	225	427.0	250
Simmental	WAIKITE AE2009	1455AE2009	2019	2020	15	210.0	12	289.6	8	457.3	7
South Devon	BURTERGILL HENRY 1105	VAN11005PZ	2019	2020	17	203.3	212	288.4	16	452.9	15
Stabilizer	STABILIZER 165287	N/A	2019	2020	27	201.6	256	285.6	39	444.1	83
Stabilizer	STABILIZER 165292	N/A	2019	2020	33	205.2	138	285.7	38	447.2	49
Stabilizer	STABILIZER 16S38	N/A	2019	2020	12	206.4	90	281.0	123	442.7	102
Angus	CLUNES CROSSING DUSTY M13 (AI) (IMP AUS)	AUQMUM13	2020	2020	21	208.4	29	279.3	151	429.5	242
Angus	FOCUS 173075 (P) *	NZE194990173075	2020	2023	71	207.7	41	286.5	28	444.9	74
Angus	LINTON 17070 (P) *	NZE20305017070	2020	2022	31	203.1	221	280.1	138	428.7	247
Angus	RISSINGTON SURE FIRE P399 *	NZE145720180399	2020	2021	33	209.0	20	285.8	37	440.0	130
Hereford	CAPETHORNE 1617 *	0065160017	2020	2021	33	208.0	36	284.0	61	447.7	45
Hereford	FOULDEN HILL FLAME 11 0155	1731110155	2020	2020	20	207.6	50	285.2	45	451.2	21
Hereford	GLENBRAE NIGHTRIDER 1761	0730170061	2020	2020	28	203.6	201	274.7	230	445.4	63
Hereford	LIMEHILLS ANZAC 170279	0677170279	2020	2020	29	205.3	134	273.4	237	436.1	184
Hereford	OTAPAWA VOODOO 7007	0347177007	2020	2020	25	203.5	205	278.4	166	430.7	236
Simmental	GLENSIDE G2	1312180002	2020	2020	21	205.5	125	284.9	48	448.8	39
Simmental	KERRAH FUNDAMENTAL F509	1667AF0509	2020	2020	31	208.7	23	286.9	26	449.0	37
Simmental	RISSINGTON 180061	0049180061	2020	2020	13	202.8	229	278.4	165	431.0	233
Angus	RISSINGTON ACCELERATE 17002	NZE14572017002	2021	2022	12	204.5	165	279.0	157	436.5	177
Angus	TE MANIA 16360	NZE16932016360	2021	2022	10	202.8	227	276.6	206	434.8	198
Angus	HALLMARK STIRLING Q016	21224019Q016	2022	2023	39	204.7	158	282.4	93	437.8	160
Angus	STOKMAN REAL DEAL N247	NZE21043017N247	2022	2023	31	203.2	214	276.9	196	433.6	211
Angus	STORTH OAKS Q125	NZE19507019Q125	2022	2023	34	210.9	5	287.2	22	443.9	84
Hereford	KCF BENNETT RESOLVE G595	US44105347	2022	2023	23	206.0	107	282.5	91	438.4	151

Total bulls: 278											
Breed	Bull Name	Animal ID	First Year	Last Year	N	Weaning Weight (kg)	Rank	Yearling Weight (kg)	Rank	18-Months Weight (kg)	Rank
Minimum						198.2		264.8		416.2	
Average						205.2		280.3		440.3	
Maximum						214.4		294.0		470.5	
Hereford	KOANUI MAJOR P469	0216180469	2022	2023	39	203.3	210	282.2	95	442.3	106
Hereford	MONYMUSK OUTBACK 190061	0272190061	2022	2023	43	208.3	31	282.2	97	448.9	38
Hereford	OKAWA SARACEN 7036	0617170036	2022	2023	34	203.5	206	281.9	103	447.4	47
Hereford	ORARI GORGE TARZAN 190091	0400190091	2022	2023	40	204.6	161	282.6	88	439.9	131
Angus	FOCUS 204092	194810204092	2023	2024	32	204.1	180	279.0	159	432.7	217
Angus	FTM TMNZ R300	NZE16932016319	2023	2024	26	205.4	130	279.6	146	442.7	101
Angus	GRAMPIANS HOOLIGAN N66	NZE21150017N66	2023	2024	28	203.2	217	274.8	229	432.8	216
Angus	KENNY'S CREEK PINNACLE P481	NDIP48	2023	2024	33	203.7	197	278.2	172	442.5	103
Angus	RISSINGTON SOVEREIGN Q485	NZE145720190485	2023	2024	33	209.9	13	283.8	65	445.8	59
Angus	WAITANGI R257	NZE18954020R257	2023	2024	29	205.0	146	276.5	207	432.5	221
Angus	WHENUAPAPA HECTOR R208	21211020R208	2023	2024	31	205.5	126	281.4	117	435.4	191
Hereford	ARDO TRUST 468	0277200468	2023	2024	30	201.2	262	276.3	210	440.6	125
Hereford	FLAGSTAFF KLINGON P6	0759180006	2023	2024	39	210.9	6	280.2	137	436.8	173
Hereford	LIMEHILLS STELLAR 200311	0677200311	2023	2024	33	202.3	240	281.0	125	446.3	55
Hereford	NGAKOUKA PATU 2020	1557200020	2023	2024	37	208.2	32	276.9	195	433.8	210
Hereford	OKAWA KING PIN 200114	0617200114	2023	2024	30	205.8	114	272.8	241	433.2	213
Hereford	ORARI GORGE UPPER HUTT 200095	0400200095	2023	2024	26	204.2	178	277.8	177	438.9	142
Hereford	OTAPAWA ADMIRAL 5001	0347155001	2023	2024	30	205.2	137	278.1	173	437.8	162
Simmental	GLENSIDE 21005	1312211005	2023	2024	26	205.0	144	275.0	226	438.8	143
Simmental	GLENSIDE HOWITZER 19003	1312190003	2023	2024	34	204.3	173	279.4	149	445.1	70
Simmental	KERRAH JACK POT J565	1667200565	2023	2024	27	205.0	150	291.3	4	453.9	11
Simmental	RISSINGTON ROCKETEER Q250	0049190250	2023	2024	24	207.5	55	281.0	124	429.5	243
Angus	FOCUS ROTOMAHANA T3004	FRW22T3004	2024	2024	13	205.8	113				
Angus	KNOWLA SO RIGHT S48	BLA21S48	2024	2024	24	207.5	53				
Angus	MF HOOVER DAM 2848	NZE145560202848	2024	2024	16	203.2	216				
Angus	NGAPUTAHU R160	NZE21095020R160	2024	2024	28	206.8	76				

Total bulls: 278											
Breed	Bull Name	Animal ID	First Year	Last Year	N	Weaning Weight (kg)	Rank	Yearling Weight (kg)	Rank	18-Months Weight (kg)	Rank
Minimum						198.2		264.8		416.2	
Average						205.2		280.3		440.3	
Maximum						214.4		294.0		470.5	
Angus	SEVEN HILLS STERLING S52	FCD21S52	2024	2024	26	202.8	231				
Angus	TAIMATE ROY R38	12865020R38	2024	2024	22	202.8	230				
Angus	WAITANGI S257	FCH21S257	2024	2024	23	204.1	179				
Hereford	ARDO AJAX 9136	0277199136	2024	2024	27	204.8	157				
Hereford	BEECHWOOD KAPAI 28	0051200028	2024	2024	27	206.2	97				
Hereford	KAIRAUMATI MAVERICK 2172	1483210072	2024	2024	27	207.7	42				
Hereford	LIMEHILLS STARDOM 190128	0677190128	2024	2024	23	202.6	234				
Hereford	MONYMUSK QUANTUM 210177	0272210177	2024	2024	22	202.5	236				
Hereford	OKAWA AKAROA 200168	0617200168	2024	2024	21	204.6	162				
Hereford	ORARI GORGE UREA 200039	0400200039	2024	2024	24	205.1	140				
Simmental	GLENSIDE 22001	1312222001	2024	2024	31	206.3	93				
Simmental	GOLD CREEK L0108	1690220108	2024	2024	19	200.9	268				
Simmental	KERRAH LA-GRANDE L416	1667220416	2024	2024	28	206.0	105				
Simmental	WAIKITE J2007	1455202007	2024	2024	18	205.6	121				

*The asterisk after the name denotes that these bulls are link sires of the across-breed Progeny Test - i.e. used in both the original BPT and as a link sire to the across-breed BPT. The sires coloured blue were used as part of the across-breed BPT.

Note: Some sires have been removed from the report as there were not enough progeny recorded from that sire for the results to be reliable.

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

Total bulls: 206													
Breed	Bull Name	Animal ID	First Year	Last Year	N	EMA (cm2)	Rank	Rib Fat (mm)	Rank	Rump Fat (mm)	Rank	IMF (%)	Rank
Minimum						62.1		3.0		4.6		2.0	
Average						65.1		4.0		6.1		3.1	
Maximum						67.2		5.1		7.6		4.3	
Angus	CONNALLY REVENUE 7392	US17220531	2015	2016	22	65.8	35	4.36	33	6.21	83	3.29	69
Angus	EF COMPLEMENT 8088	US16198796	2015	2016	14	66.4	15	3.86	149	6.06	109	3.54	29
Angus	FOSSIL CREEK HERO H006	NZE18681012006	2015	2015	21	67.0	4	4.25	53	7.10	7	3.38	51
Angus	G A R MOMENTUM	US17354145	2015	2016	14	65.2	102	3.91	140	5.71	153	3.48	35
Angus	GLANWORTH WAIGROUP 1213	1215401213	2015	2015	20	65.5	68	4.10	94	5.71	151	2.94	139
Angus	H P C A INTENSITY	US17366506	2015	2016	19	65.7	42	3.83	154	5.44	185	2.99	134
Angus	LINTON 13007	NZE20305013007	2015	2015	16	66.5	12	4.36	34	6.03	113	3.66	12
Angus	MATAURI OUTLIER F031	14647010F031	2015	2016	27	64.7	148	4.01	121	6.20	85	3.08	115
Angus	MATAURI REALITY 839	14647008839	2015	2016	21	65.9	32	4.50	17	6.89	18	3.73	7
Angus	NGAPUTAH EUREKA E38	NZE21095009E38	2015	2016	22	65.7	41	3.81	157	5.52	175	2.88	147
Angus	PA SAFEGUARD 121	US16772185	2015	2017	33	65.2	94	3.75	167	5.33	193	3.58	20
Angus	PINEBANK 64/10	1199001064	2015	2016	21	64.0	189	4.67	8	6.53	45	3.29	67
Angus	RENNYLEA EDMUND E11	AUNORE11	2015	2016	22	66.5	10	5.03	2	7.27	4	4.29	1
Angus	RISSINGTON 135057	NZE145720135057	2015	2015	19	65.7	43	4.58	13	7.40	3	3.55	26
Angus	RISSINGTON 135262 (ET)	NZE145720135262	2015	2015	20	67.0	5	4.28	49	6.91	15	3.81	4
Angus	RISSINGTON ANALYST 135252 (ET)	NZE145720135252	2015	2015	27	66.5	11	4.16	78	6.09	107	3.59	18
Angus	RISSINGTON PROMINENT 100104	NZE145720100104	2015	2015	18	63.5	202	4.14	82	6.36	63	3.26	77
Angus	S A V BRUISER 9164 (US)	US16396531	2015	2016	15	64.8	140	3.86	150	5.71	152	2.55	188
Angus	STORTH OAKS H114	NZE19507012H114	2015	2016	26	64.9	126	4.05	111	6.34	67	3.31	64
Angus	STORTH OAKS H2	NZE19507012H2	2015	2016	25	64.4	172	4.32	40	7.56	2	3.64	13
Angus	STORTH OAKS H41	NZE19507012H41	2015	2015	14	66.4	14	4.00	126	6.22	81	3.29	70
Angus	TANGIHAU KAINO H29	16883012H29	2015	2016	26	66.0	24	4.61	11	6.42	55	3.92	3
Angus	TE MANIA 11 553	NZE16932011553	2015	2016	21	66.2	20	4.31	42	5.91	127	3.59	19
Angus	TOTARANUI 238 (ET)	NZE12922011238	2015	2016	24	67.0	3	3.68	177	5.35	192	3.41	48
Angus	TURIHAU CRUMP E5	17691009E5	2015	2016	23	65.0	117	4.49	19	7.04	9	3.15	103

Total bulls: 206													
Breed	Bull Name	Animal ID	First Year	Last Year	N	EMA (cm2)	Rank	Rib Fat (mm)	Rank	Rump Fat (mm)	Rank	IMF (%)	Rank
Minimum						62.1		3.0		4.6		2.0	
Average						65.1		4.0		6.1		3.1	
Maximum						67.2		5.1		7.6		4.3	
Angus	TURIHAUA LIBERATION	17691007C27	2015	2015	31	62.1	206	3.89	145	5.98	120	2.53	189
Hereford	BEECHWOOD TURK	0051100094	2015	2015	12	64.0	191	3.54	193	5.70	155	2.29	203
Hereford	BLUESTONE 120061	1683120061	2015	2016	26	64.9	130	4.22	58	6.24	77	3.09	113
Hereford	KOANUI ROCKET 0219	0216000219	2015	2016	19	65.3	77	4.30	46	6.97	13	2.74	170
Hereford	MATARIKI HOLY SMOKE	0281070390	2015	2016	13	65.9	31	4.38	30	6.29	70	3.72	8
Hereford	NITHDALE ELVIS 040021	0400040021	2015	2016	12	67.2	1	4.28	47	5.99	119	3.60	15
Hereford	OKAWA DAVIS 7046	0617070046	2015	2015	19	63.8	195	4.18	70	5.91	129	3.42	46
Hereford	OKAWA MARSHALL 0109	0617100109	2015	2016	13	64.5	164	4.81	5	6.68	36	3.13	104
Hereford	OTAPAWA SPARK 3060	0347033060	2015	2015	26	63.7	197	4.37	32	6.57	42	3.11	109
Hereford	WAIKAKA TURNING POINT 110015	0328110015	2015	2016	14	65.8	38	3.49	197	5.65	160	3.00	132
Hereford	WIRRUNA DAFFY D1 (IMP AUS)	AUWNAD1	2015	2016	22	67.0	2	4.43	25	6.81	22	3.22	88
Simmental	GLEN ANTHONY Y-ARTA AY02 (ET)	0299AY0002	2015	2016	12	64.6	160	3.74	168	6.06	111	2.70	173
Simmental	GLENSIDE ATOMIC A5	1312AA0005	2015	2015	12	65.3	78	3.46	198	5.28	194	2.85	154
Simmental	KERRAH A456	1667AA0456	2015	2016	13	66.3	17	3.88	147	5.38	187	3.15	101
Simmental	KERRAH XFACTOR AX187 (ET)	1667AX0187	2015	2016	11	65.8	37	3.44	202	5.17	199	3.09	114
Simmental	KERRAH YES SIR AY393	1667AY0393	2015	2016	12	65.5	66	3.63	184	5.80	143	2.84	155
Simmental	RISSINGTON AB5185	0049AB5185	2015	2016	10	64.9	128	3.64	180	5.62	162	2.87	150
Simmental	RISSINGTON NEW STANDARD AU158	0049AU0158	2015	2015	13	66.2	18	3.99	128	5.83	137	3.72	9
Simmental	TOKAWEKA HANDSOME AH801	0079AH0801	2015	2015	15	65.2	92	3.03	206	4.91	203	2.67	175
Simmental	WAIKITE AA2036	1455AA2036	2015	2016	11	65.7	44	3.46	199	4.94	202	2.31	200
Stabilizer	FOCUS BIG GENE 121293	N/A	2015	2017	24	65.9	33	3.58	190	5.16	200	3.01	126
Stabilizer	FOCUS FORCEFUL 135159	N/A	2015	2016	20	66.9	6	4.48	22	6.60	41	3.56	24
Stabilizer	FOCUS FOREFRONT 121599	N/A	2015	2016	27	64.5	163	3.93	137	6.22	80	3.52	31
Stabilizer	FOCUS PORTERHOUSE 135361	N/A	2015	2016	26	65.5	64	3.63	182	5.36	191	2.91	141
Stabilizer	FOCUS TRINITY 135263	N/A	2015	2016	15	66.7	8	5.10	1	7.58	1	3.54	28
Angus	DEER VALLEY ALL IN (US)	US17307074	2016	2017	28	64.4	170	3.59	189	5.18	198	3.01	131
Angus	FOCUS 131511	NZE194730131511	2016	2017	18	65.9	28	4.72	6	7.14	5	3.74	6

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Breed	Bull Name	Animal ID	First Year	Last Year	N	EMA (cm2)	Rank	Rib Fat (mm)	Rank	Rump Fat (mm)	Rank	IMF (%)	Rank
Minimum						62.1		3.0		4.6		2.0	
Average						65.1		4.0		6.1		3.1	
Maximum						67.2		5.1		7.6		4.3	
Angus	FOCUS 131539	NZE194730131539	2016	2017	15	65.0	119	4.04	115	6.17	92	3.58	21
Angus	FOCUS 143143	NZE194990143143	2016	2017	19	65.1	113	4.14	81	5.83	139	3.20	91
Angus	KAKAHU BOND 13007 *	NZE13300013007	2016	2022	25	64.4	167	4.10	93	6.19	86	3.36	55
Angus	KAKAHU JUBILANT 13054	NZE13300013054	2016	2017	14	65.1	110	4.09	96	5.83	138	3.46	39
Angus	LINTON 13543	NZE20305013543	2016	2017	17	65.2	88	4.13	85	6.47	47	3.13	105
Angus	MEADOWSLEA F540	19134010540	2016	2019	20	64.8	139	4.12	88	6.26	74	3.31	63
Angus	MT MABLE FAT BOY 373	12188006373	2016	2017	19	65.9	30	4.32	39	6.24	78	3.16	99
Angus	STORTH OAKS EVEREST J20	NZE19507013J20	2016	2017	31	64.7	147	4.52	16	6.68	37	3.57	22
Angus	STORTH OAKS J29	NZE19507013J29	2016	2017	38	63.7	198	4.59	12	6.81	20	3.21	90
Angus	STORTH OAKS JACK J7	NZE19507013J7	2016	2018	30	63.4	204	3.74	169	5.62	163	3.46	40
Angus	TE MANIA GARTH G67	VTMG67	2016	2016	23	65.2	87	4.48	21	6.92	14	3.60	16
Angus	TE MANIA JONAH 13588	NZE16932013588	2016	2017	27	65.6	52	3.90	144	5.84	133	2.95	138
Angus	TURIHAUA SIR CRUMBLE E222	17691009E222	2016	2017	19	65.2	86	3.62	185	5.51	176	2.42	194
Angus	TUWHARETOA REGENT D145 (AUS)	AUBNAD145	2016	2018	39	65.8	39	4.82	4	6.73	29	4.25	2
Angus	VAR RESERVE 1111 (US)	US16916944	2016	2017	17	65.8	36	3.91	141	5.80	145	3.12	106
Angus	WAITANGI D213	NZE18954008D213	2016	2017	20	64.6	159	4.19	69	6.27	73	2.77	165
Angus	WHANGARA 12323	NZE13649012323	2016	2017	18	65.0	118	4.11	90	6.13	99	3.36	56
Charolais	CENTREWOOD 130516	001130516E	2016	2017	12	65.1	107	3.79	159	5.56	170	2.52	190
Charolais	KAITOKO COMMODORE C22	471070022E	2016	2017	10	65.3	83	3.54	192	5.37	188	2.34	199
Hereford	ARDO FARGO 1154	0277111154	2016	2018	24	64.2	182	4.20	65	6.81	21	3.15	102
Hereford	COLRAINE CODE WORD 13 139	1660130139	2016	2018	12	63.5	200	4.18	72	6.16	93	3.01	130
Hereford	EFBEEF U208 FORTUNE Y848 (US)	US43187500	2016	2017	22	65.7	48	4.06	106	6.15	95	3.20	93
Hereford	KOANUI CHIEFLY 2510	0216122510	2016	2018	13	64.6	161	4.42	26	6.91	16	3.06	118
Hereford	LIMEHILLS STAMPER 120719	0677120719	2016	2017	16	66.6	9	3.87	148	5.75	148	2.85	151
Hereford	OKAWA MAJOR 2008	0617120008	2016	2017	14	64.2	175	3.60	187	5.52	173	2.91	140
Hereford	ORARI GORGE MISCHIEF 120083 *	0400120083	2016	2022	26	64.2	180	4.30	43	6.56	43	3.05	119
Hereford	WIRRUNA ECHUCA (AUS)	AUWNAE99	2016	2018	23	64.0	190	4.63	10	7.14	6	3.48	36

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Breed	Bull Name	Animal ID	First Year	Last Year	N	EMA (cm2)	Rank	Rib Fat (mm)	Rank	Rump Fat (mm)	Rank	IMF (%)	Rank
Minimum						62.1		3.0		4.6		2.0	
Average						65.1		4.0		6.1		3.1	
Maximum						67.2		5.1		7.6		4.3	
Simmental	CDI RIMROCK 325Z (US)	2700121	2016	2017	13	65.3	82	3.78	160	5.68	158	3.31	65
Simmental	GLENSIDE CATALYST C23	1312AC0023	2016	2016	13	65.3	80	3.50	195	5.74	149	2.66	179
Simmental	HOOKS YELLOWSTONE 97Y (US)	US2612546	2016	2016	12	64.8	144	3.69	175	5.36	190	3.23	84
Simmental	KERRAH AX49	1667AX0049	2016	2017	12	66.0	25	3.19	205	4.57	206	2.40	195
Simmental	KERRAH BANDWAGON B306	1667AB0306	2016	2016	13	65.0	114	4.32	38	6.12	101	3.62	14
Simmental	KERRAH BANKER B464	1667BB0464	2016	2017	11	65.1	108	4.17	74	6.23	79	3.05	120
Simmental	WAIKITE AB2038	1455AB2038	2016	2017	13	65.0	121	3.73	170	5.47	183	2.29	202
Simmental	WAIKITE AMPLE AA2241	1455AA2241	2016	2017	13	65.6	51	3.53	194	5.36	189	2.35	198
Stabilizer	FOCUS BIG GENE 121292	N/A	2016	2019	40	66.0	27	4.01	123	5.70	154	3.23	86
Angus	BRAVEHEART OF STERN	1217000784	2017	2018	17	65.5	67	4.23	57	6.67	39	3.34	59
Angus	EARNSCLEUGH TUSOCK 144307	210130144307	2017	2018	20	65.5	61	3.86	151	6.36	62	3.07	116
Angus	EMBLAZON 999 (US)	US16665803	2017	2018	17	64.0	188	3.83	155	5.93	126	3.02	125
Angus	GLANWORTH WAIGROUP 14163	12154014163	2017	2018	27	64.8	135	4.05	112	6.16	94	2.83	157
Angus	GRAMPIANS LOTTERY K13	NZE21150014K13	2017	2018	19	65.2	98	4.21	61	6.44	53	3.19	97
Angus	H P C A PROCEED (US)	US16956101	2017	2017	33	64.2	179	3.98	129	5.57	169	3.41	47
Angus	KAKAHU 14003	NZE13300014D003	2017	2018	21	65.2	101	4.06	105	6.03	114	3.10	112
Angus	LINTON 15077	NZE20305015077	2017	2018	15	65.2	100	4.26	52	6.90	17	3.23	83
Angus	PATHFINDER GENESIS G357 (AUS)	SMPG357	2017	2017	43	65.4	72	4.31	41	6.44	52	3.26	78
Angus	PINEBANK 97/11	1199001197	2017	2018	22	65.7	47	4.06	102	6.41	56	2.87	149
Angus	RENNYLEA K163	AUNORK163	2017	2018	24	66.8	7	4.21	60	5.91	128	3.38	54
Angus	RISSINGTON PREMIUM CUT C487	NZE14572015C487	2017	2018	16	66.2	21	3.97	131	5.83	136	3.19	96
Angus	SEVEN HILLS 129/14	NZE21159014129	2017	2017	31	65.1	112	4.35	37	6.56	44	3.45	43
Angus	STORTH OAKS ANGUS PRIME K5	NZE19507014K5	2017	2018	21	65.6	49	4.82	3	6.97	12	3.54	27
Angus	STORTH OAKS K122	NZE19507014K122	2017	2019	29	65.2	104	4.07	100	6.22	82	3.27	74
Angus	STORTH OAKS K134	NZE19507014K134	2017	2018	18	64.3	173	3.54	191	5.09	201	2.63	181
Angus	THOMAS UP RIVER 1614 (US)	AAA 17091363	2017	2018	24	64.9	134	4.07	99	6.18	88	3.17	98
Angus	TURIHAUA MYTHOLOGY F236	17691010F236	2017	2018	17	64.9	133	4.00	127	6.01	117	2.99	133

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Minimum						62.1		3.0		4.6		2.0	
Average						65.1		4.0		6.1		3.1	
Maximum						67.2		5.1		7.6		4.3	
Angus	VAR GENERATION 2100 (US)	AAA 17171587	2017	2017	15	65.5	69	4.13	84	5.82	142	3.42	45
Angus	WAITAWHETA K44 AB	18938014K44	2017	2018	24	64.8	145	4.16	77	5.82	141	3.38	52
Angus	WR JOURNEY-1X74 (ET)	US16924332	2017	2018	21	65.9	34	3.72	172	5.52	174	2.77	166
Charolais	SILVERSTREAM FRAMPTON F17	083100017E	2017	2018	11	65.2	96	3.46	200	5.19	197	2.24	204
Hereford	ARDO BISMARCK 4256	0277144256	2017	2018	13	65.5	60	3.96	133	6.47	48	3.01	127
Hereford	KOANUI TECHNO 3062	0216133062	2017	2018	11	64.7	146	3.67	179	5.94	124	2.79	163
Hereford	MATARIKI 140255	0281140255	2017	2018	10	64.7	152	4.12	87	6.41	57	3.01	129
Hereford	TE TAUMATA FOUNDATION 14684	0308140684	2017	2018	11	64.7	153	4.12	86	5.58	167	2.89	146
Simmental	GLENSIDE CRUMPY C4	1312AC0004	2017	2018	13	65.5	63	4.03	116	6.12	102	2.73	171
Simmental	GLENSIDE DUMP TRUCK D12	1312AD0012	2017	2018	15	64.9	132	3.68	176	5.49	178	2.81	161
Simmental	HOOKS BEACON 56B (US)	US2854180	2017	2018	13	65.6	54	4.19	68	5.84	134	3.50	33
Simmental	KERRAH CAPTAIN C400	1667AC0400	2017	2018	14	65.9	29	4.12	89	6.02	116	2.48	191
Simmental	LEAFLAND CAPTAIN C1	1614AC0001	2017	2018	14	64.9	129	3.63	183	5.58	166	2.91	142
Simmental	MR NLC UPGRADE U8676 (US)	US2474338	2017	2018	19	64.5	166	3.77	164	5.48	181	3.03	122
Simmental	RISSINGTON AD372 (ET)	0049AD0372	2017	2018	13	65.6	53	4.15	79	6.39	60	3.27	75
Simmental	RISSINGTON DESTINED AD8	0049AD0008	2017	2018	15	65.1	109	4.17	75	6.14	97	2.84	156
Simmental	WAIKITE ZACKARIAS AZ0176	1455AZ0176	2017	2018	17	64.8	143	3.35	204	5.50	177	2.63	183
Simmental	WS PRIME BEEF Z8 (US)	US2675742	2017	2018	13	65.6	55	3.78	162	5.44	186	2.76	167
Stabilizer	STABILIZER 140082	N/A	2017	2018	19	64.7	149	3.98	130	5.57	168	3.01	128
Stabilizer	STABILIZER 140850	N/A	2017	2019	26	65.2	103	4.28	48	5.96	123	3.33	61
Angus	ARDROSSAN HONOUR H255 (AUS)	AUNAQH255	2018	2019	10	65.7	40	4.50	18	6.14	96	3.45	41
Angus	FOCUS GENETICS 163069	NZE194990163069	2018	2019	16	65.7	45	4.44	23	6.83	19	3.31	62
Angus	KAKAHU 16159	NZE13300016159	2018	2019	13	65.2	89	3.84	153	6.12	100	3.02	124
Angus	LD CAPITALIST 316 (USA)	US17666102	2018	2018	13	65.2	91	4.02	119	6.43	54	3.36	57
Angus	LINTON 16042	NZE20305016042	2018	2018	16	64.1	184	4.27	50	6.11	104	3.28	72
Angus	PA FULL POWER 1208 (USA)	US16981588	2018	2019	18	65.4	73	4.39	28	6.71	33	3.50	34
Angus	QUAKER HILL MILE HIGH 4EX31 (USA)	US18078212	2018	2019	10	64.6	158	4.49	20	6.40	58	3.30	66

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Minimum						62.1		3.0		4.6		2.0	
Average						65.1		4.0		6.1		3.1	
Maximum						67.2		5.1		7.6		4.3	
Angus	RISSINGTON 160136	NZE145720160136	2018	2019	12	65.4	70	4.02	117	5.48	182	3.07	117
Angus	RISSINGTON RESOLVED C116	NZE14572015C116	2018	2019	12	64.8	141	4.66	9	6.69	34	3.42	44
Angus	STORTH OAKS L94	NZE19507015L94	2018	2019	17	65.3	76	3.93	138	5.46	184	3.23	85
Angus	SYDGEN EXCEED 3223 (USA)	US17501893	2018	2019	15	64.1	185	3.91	142	5.96	121	3.10	111
Angus	TE MANIA MULLER 16305 *	NZE16932016305	2018	2022	19	64.6	156	4.01	122	6.03	112	3.20	95
Angus	TURIROA 16M013	15603016M013	2018	2019	10	64.0	192	3.73	171	5.68	157	3.03	121
Hereford	ARDO AJAX 5014 *	0277155014	2018	2022	32	66.2	19	4.24	55	6.73	28	2.91	143
Hereford	CRAIGMORE IKE 140260	0169140260	2018	2019	12	65.3	81	3.85	152	6.25	75	2.68	174
Hereford	DAYS ROBIN HOOD H38 (AUS)	AUDAYH38	2018	2019	18	64.8	136	4.06	103	6.71	31	2.82	159
Hereford	GRASSMERE GALLANT 152	0200150152	2018	2019	21	64.7	155	3.94	134	6.34	64	2.63	182
Hereford	KOANUI LEGIT 6444 *	0216166444	2018	2022	33	64.9	123	4.21	63	6.67	38	2.85	153
Hereford	LIMEHILLS STREAKER 150368 *	0677150368	2018	2022	25	64.2	176	4.53	15	7.10	8	3.40	50
Hereford	OKAWA HOGAN 3156	0617130156	2018	2018	11	63.7	196	3.91	139	6.20	84	2.35	197
Hereford	ORARI GORGE PATTON 150051	0400150051	2018	2019	22	65.4	71	4.38	29	6.18	89	3.41	49
Hereford	ORARI GORGE QUANTUM 160091	0400160091	2018	2019	15	64.4	169	4.17	73	6.18	90	2.58	186
Hereford	WESTHOLM TRUST R 58	0421160058	2018	2019	18	65.1	111	3.81	156	5.60	164	2.66	178
Simmental	RISSINGTON AA0809	0049AA0809	2018	2019	12	64.7	151	4.00	125	5.67	159	2.76	168
Simmental	WAIKITE AY0097	1455AY0097	2018	2019	13	65.5	62	3.75	166	5.80	144	2.40	196
Simmental	WS RED MOON D76 (USA)	US3115609	2018	2019	17	65.2	105	3.94	136	6.32	68	3.34	60
Angus	CONNEALY LEGENDARY 644L (USA)	US18534952	2019	2020	16	64.9	127	4.08	98	5.54	171	3.22	87
Angus	KAKAHU LACHLAN 15095	NZE13300015095	2019	2020	26	65.0	115	3.88	146	6.31	69	3.29	68
Angus	LINTON 16107	NZE20305016107	2019	2020	17	64.9	124	4.09	97	5.53	172	3.36	58
Angus	RISSINGTON 17014	NZE14572017014	2019	2020	16	64.5	165	4.16	76	6.13	98	3.26	80
Angus	STORTH OAKS JOURNEY M31	NZE19507016M31	2019	2020	18	65.2	97	4.21	62	6.44	51	3.76	5
Angus	STORTH OAKS M10	NZE19507016M10	2019	2020	21	65.5	59	4.40	27	6.18	87	3.47	38
Angus	STORTH OAKS M119	NZE19507016M119	2019	2020	17	65.4	74	4.06	104	5.93	125	3.71	10
Angus	SYDGEN BLACK PEARL 2006 (USA)	US17236055	2019	2020	21	65.5	56	4.02	118	5.59	165	3.48	37

Total bulls: 206													
Breed	Bull Name	Animal ID	First Year	Last Year	N	EMA (cm2)	Rank	Rib Fat (mm)	Rank	Rump Fat (mm)	Rank	IMF (%)	Rank
Minimum						62.1		3.0		4.6		2.0	
Average						65.1		4.0		6.1		3.1	
Maximum						67.2		5.1		7.6		4.3	
Angus	TE MANIA MATRIX 16018	NZE16932016018	2019	2020	15	65.7	46	4.19	67	6.38	61	3.38	53
Angus	WAITANGI M203 *	NZE18954016M203	2019	2022	25	64.9	125	4.23	56	6.00	118	3.02	123
Angus	WAITANGI M214	NZE18954016M214	2019	2020	13	65.2	93	4.13	83	5.96	122	3.45	42
Charolais	HEMINGFORD NEXT DIRECTION N64	803170064E	2019	2020	18	66.1	22	3.62	186	5.63	161	2.04	206
Hereford	LIMEHILLS STARTER 160062	0677160062	2019	2020	27	64.2	178	4.10	92	6.10	106	2.57	187
Hereford	MATARIKI 110637 *	0281110637	2019	2022	29	64.9	131	3.94	135	6.27	72	2.97	135
Hereford	MATARIKI J215	0281160215	2019	2020	29	63.4	205	4.04	114	6.27	71	2.30	201
Hereford	OKAWA STAMPER 160124	0617160124	2019	2020	30	65.6	50	3.76	165	6.09	108	2.67	176
Hereford	WIRRUNA MATTY M288 (AUS) *	WNAM288	2019	2022	32	63.4	203	4.21	59	6.46	49	3.27	73
Limousin	MANGATARA 335L	N/A	2019	2020	15	64.6	157	3.78	163	5.75	147	2.70	172
Limousin	MANGATARA JOOL	N/A	2019	2020	14	65.5	65	4.20	64	6.81	23	3.24	82
Shorthorn	ORENA BALANCE 15012	209315012	2019	2020	11	64.4	171	4.05	110	6.34	66	3.69	11
Simmental	GLEN ANTHONY AE12	0299AE0012	2019	2020	28	65.0	116	3.80	158	6.11	105	2.08	205
Simmental	GLENSIDE FRONTIER F19	1312AF0019	2019	2020	22	65.5	57	3.63	181	5.88	131	2.46	192
Simmental	HOOKS DELEGATE 64D (USA)	US3132798	2019	2020	27	64.5	162	3.78	161	5.22	196	3.10	110
Simmental	KERRAH EPIC E303	1667AE0303	2019	2020	27	65.4	75	4.04	113	6.06	110	2.95	137
Simmental	OWHATA AE7	1689AE0007	2019	2020	13	64.2	181	3.41	203	4.76	205	2.66	177
Simmental	RISSINGTON AF184	0049AF0184	2019	2020	22	64.1	187	3.69	174	5.68	156	2.59	185
Simmental	RISSINGTON AF44	0049AF0044	2019	2020	21	64.8	138	4.01	124	6.25	76	3.56	23
Simmental	WAIKITE AE2009	1455AE2009	2019	2020	13	65.3	84	3.45	201	4.90	204	2.81	160
South Devon	BURTERGILL HENRY 1105	VAN11005PZ	2019	2020	13	64.1	183	3.71	173	5.49	179	2.83	158
Stabilizer	STABILIZER 165287	N/A	2019	2020	16	64.9	122	4.30	44	6.02	115	2.96	136
Stabilizer	STABILIZER 165292	N/A	2019	2020	31	64.3	174	4.27	51	6.78	24	3.12	108
Stabilizer	STABILIZER 16538	N/A	2019	2020	11	65.0	120	4.05	109	5.76	146	3.21	89
Angus	CLUNES CROSSING DUSTY M13 (AI) (IMP AUS)	AUQMUM13	2020	2020	18	65.2	90	4.05	108	5.84	135	3.26	79
Angus	FOCUS 173075 (P) *	NZE194990173075	2020	2023	54	65.2	95	4.35	35	6.69	35	3.28	71
Angus	LINTON 17070 (P) *	NZE20305017070	2020	2022	29	66.4	16	4.24	54	6.76	26	3.53	30

Total bulls: 206													
Breed	Bull Name	Animal ID	First Year	Last Year	N	EMA (cm2)	Rank	Rib Fat (mm)	Rank	Rump Fat (mm)	Rank	IMF (%)	Rank
Minimum						62.1		3.0		4.6		2.0	
Average						65.1		4.0		6.1		3.1	
Maximum						67.2		5.1		7.6		4.3	
Angus	RISSINGTON SURE FIRE P399 *	NZE145720180399	2020	2021	29	64.0	193	3.68	178	5.49	180	3.15	100
Hereford	CAPETHORNE 1617 *	0065160017	2020	2021	31	65.2	106	4.20	66	7.04	10	3.20	94
Hereford	FOULDEN HILL FLAME 11 0155	1731110155	2020	2020	19	64.4	168	3.97	132	6.11	103	2.44	193
Hereford	GLENBRAE NIGHTRIDER 1761	0730170061	2020	2020	25	64.1	186	4.30	45	6.62	40	2.90	145
Hereford	LIMEHILLS ANZAC 170279	0677170279	2020	2020	26	65.3	85	4.54	14	6.77	25	2.77	164
Hereford	OTAPAWA VOODOO 7007	0347177007	2020	2020	23	63.5	201	4.35	36	6.71	32	2.90	144
Simmental	GLENSIDE G2	1312180002	2020	2020	15	66.5	13	4.70	7	6.75	27	3.52	32
Simmental	KERRAH FUNDAMENTAL F509	1667AF0509	2020	2020	25	65.2	99	3.49	196	5.25	195	2.62	184
Angus	RISSINGTON ACCELERATE 17002	NZE14572017002	2021	2022	12	65.5	58	4.18	71	5.90	130	3.59	17
Angus	HALLMARK STIRLING Q016	21224019Q016	2022	2023	26	64.7	154	4.11	91	6.40	59	3.25	81
Angus	STOKMAN REAL DEAL N247	NZE21043017N247	2022	2023	17	66.0	26	4.07	101	5.85	132	3.55	25
Angus	STORTH OAKS Q125	NZE19507019Q125	2022	2023	23	64.8	142	4.37	31	6.34	65	3.26	76
Hereford	KCF BENNETT RESOLVE G595	US44105347	2022	2023	14	65.3	79	4.15	80	6.18	91	3.20	92
Hereford	KOANUI MAJOR P469	0216180469	2022	2023	22	63.5	199	4.05	107	6.72	30	2.76	169
Hereford	MONYMUSK OUTBACK 190061	0272190061	2022	2023	27	63.9	194	4.09	95	6.45	50	2.64	180
Hereford	OKAWA SARACEN 7036	0617170036	2022	2023	23	64.7	150	4.43	24	6.99	11	2.80	162
Hereford	ORARI GORGE TARZAN 190091	0400190091	2022	2023	28	64.8	137	4.01	120	6.51	46	2.88	148
Hereford	NGAKOUKA PATU 2020	1557200020	2023	2024	13	64.2	177	3.90	143	5.83	140	3.12	107
Simmental	GLENSIDE HOWITZER 19003	1312190003	2023	2024	13	66.1	23	3.60	188	5.72	150	2.85	152

*The asterisk after the name denotes that these bulls are link sires of the across-breed Progeny Test - i.e. used in both the original BPT and as a link sire to the across-breed BPT. The sires coloured blue were used as part of the across-breed BPT.

Note: Some sires have been removed from the report as there were not enough progeny recorded from that sire for the results to be reliable.

Table 3: Summary of adjusted progeny averages for carcase traits (processing data).

Total bulls: 167															
Breed	Bull Name	Animal ID	First Year	Last Year	N	Carcase Weight (kg)	Rank	Dressing (%)	Rank	Marbling	Rank	Ossification	Rank	Fat Depth (mm)	Rank
Minimum						299.4		52.9		323.8		142.2		4.4	
Average						310.2		54.0		361.1		145.0		6.0	
Maximum						322.4		54.8		413.0		149.3		7.8	
Angus	CONNALLY REVENUE 7392	US17220531	2015	2016	13	313.6	35	54.01	70	381.3	18	144.2	43	7.49	4
Angus	EF COMPLEMENT 8088	US16198796	2015	2016	14	309.9	93	54.24	33	363.7	70	143.6	23	5.89	98
Angus	FOSSIL CREEK HERO H006	NZE18681012006	2015	2015	16	308.2	118	54.43	19	363.1	74	144.3	47	6.71	13
Angus	G A R MOMENTUM	US17354145	2015	2016	10	311.7	64	54.44	18	385.0	12	147.4	158	5.99	82
Angus	GLANWORTH WAIGROUP 1213	1215401213	2015	2015	13	308.1	120	54.11	56	365.4	63	148.4	165	6.34	35
Angus	MATAURI OUTLIER F031	14647010F031	2015	2016	15	319.0	2	53.47	158	352.4	110	142.8	5	5.48	150
Angus	MATAURI REALITY 839	14647008839	2015	2016	13	311.9	60	53.94	93	364.2	68	145.2	98	6.58	21
Angus	NGAPUTAHU EUREKA E38	NZE21095009E38	2015	2016	10	310.0	90	54.60	6	363.9	69	146.6	146	5.32	160
Angus	PA SAFEGUARD 121	US16772185	2015	2017	27	314.0	29	54.12	48	409.2	3	145.2	99	5.87	101
Angus	PINEBANK 64/10	1199001064	2015	2016	14	304.5	157	54.13	47	375.5	30	147.0	152	7.55	3
Angus	RENNYLEA EDMUND E11	AUNORE11	2015	2016	14	310.6	78	53.65	147	383.0	13	145.8	120	7.82	1
Angus	RISSINGTON 135057	NZE145720135057	2015	2015	13	309.4	103	53.98	83	397.5	5	144.4	55	6.62	19
Angus	RISSINGTON 135262 (ET)	NZE145720135262	2015	2015	14	312.9	46	54.19	36	364.5	65	145.9	125	6.19	50
Angus	RISSINGTON ANALYST 135252 (ET)	NZE145720135252	2015	2015	17	313.6	34	53.85	118	353.1	107	143.8	29	6.09	67
Angus	RISSINGTON PROMINENT 100104	NZE145720100104	2015	2015	10	315.0	14	53.62	149	345.8	141	143.4	17	4.83	166
Angus	STORTH OAKS H114	NZE19507012H114	2015	2016	15	310.9	75	53.82	122	367.5	58	142.2	2	5.87	103
Angus	STORTH OAKS H2	NZE19507012H2	2015	2016	23	306.8	138	53.85	117	413.0	1	145.0	89	6.28	39
Angus	TANGIHUA KAINO H29	16883012H29	2015	2016	16	308.8	110	54.49	11	371.2	44	146.3	139	7.73	2
Angus	TE MANIA 11 553	NZE16932011553	2015	2016	10	309.6	98	54.04	65	366.4	62	146.0	130	6.51	24
Angus	TOTARANUI 238 (ET)	NZE12922011238	2015	2016	14	314.8	17	53.89	105	372.1	39	145.3	100	5.56	146
Angus	TURIHAUA CRUMP E5	17691009E5	2015	2016	14	304.3	159	53.96	87	382.1	17	143.5	22	5.92	90
Angus	TURIHAUA LIBERATION	17691007C27	2015	2015	19	305.5	149	53.79	129	359.9	87	145.1	92	5.46	152
Hereford	BLUESTONE 120061	1683120061	2015	2016	16	305.7	147	54.41	20	362.6	78	143.8	31	6.07	69
Hereford	KOANUI ROCKET 0219	0216000219	2015	2016	10	310.1	87	54.14	46	352.8	108	143.8	32	5.93	89

Total bulls: 167															
Breed	Bull Name	Animal ID	First Year	Last Year	N	Carcase Weight (kg)	Rank	Dressing (%)	Rank	Marbling	Rank	Ossification	Rank	Fat Depth (mm)	Rank
Minimum						299.4		52.9		323.8		142.2		4.4	
Average						310.2		54.0		361.1		145.0		6.0	
Maximum						322.4		54.8		413.0		149.3		7.8	
Hereford	OKAWA DAVIS 7046	0617070046	2015	2015	10	307.9	125	53.97	84	360.8	83	144.3	51	5.77	119
Hereford	OTAPAWA SPARK 3060	0347033060	2015	2015	11	311.7	63	53.85	119	373.1	35	142.2	1	5.54	148
Hereford	WIRRUNA DAFFY D1 (IMP AUS)	AUWNAD1	2015	2016	11	306.8	139	54.33	28	343.1	148	144.9	83	5.44	154
Simmental	GLEN ANTHONY Y-ARTA AY02 (ET)	0299AY0002	2015	2016	12	307.1	134	54.01	72	342.4	150	145.1	93	5.40	158
Simmental	GLENSIDE ATOMIC A5	1312AA0005	2015	2015	12	313.4	40	53.76	135	369.7	49	144.5	63	5.97	83
Simmental	KERRAH A456	1667AA0456	2015	2016	12	313.5	39	54.10	60	354.4	104	143.3	16	6.11	59
Simmental	KERRAH XFACTOR AX187 (ET)	1667AX0187	2015	2016	10	312.0	59	53.88	108	358.5	93	146.2	136	5.71	127
Simmental	KERRAH YES SIR AY393	1667AY0393	2015	2016	13	311.4	66	54.40	22	359.0	90	144.3	50	5.41	156
Simmental	RISSINGTON AB5185	0049AB5185	2015	2016	10	318.2	3	53.47	157	363.4	72	146.4	141	6.01	76
Simmental	RISSINGTON NEW STANDARD AU158	0049AU0158	2015	2015	13	322.4	1	53.38	164	372.9	36	144.7	77	5.62	137
Simmental	TOKAWEKA HANDSOME AH801	0079AH0801	2015	2015	15	312.0	58	54.21	34	353.2	106	145.4	108	5.55	147
Simmental	WAIKITE AA2036	1455AA2036	2015	2016	11	317.7	4	54.12	49	364.2	67	145.0	88	5.33	159
Stabilizer	FOCUS BIG GENE 121293	N/A	2015	2017	13	314.6	20	54.45	17	374.1	32	148.7	166	5.88	99
Stabilizer	FOCUS FOREFRONT 121599	N/A	2015	2016	14	301.7	166	54.37	25	389.7	11	147.5	159	6.05	73
Stabilizer	FOCUS PORTERHOUSE 135361	N/A	2015	2016	20	307.7	127	54.21	35	339.4	154	142.7	4	5.11	163
Stabilizer	FOCUS TRINITY 135263	N/A	2015	2016	12	311.6	65	54.06	64	357.9	99	146.9	150	7.25	6
Angus	DEER VALLEY ALL IN (US)	US17307074	2016	2017	13	314.3	25	53.98	79	382.7	14	144.6	66	6.20	47
Angus	FOCUS 131539	NZE194730131539	2016	2017	11	308.2	119	54.31	30	396.5	6	145.0	90	6.09	66
Angus	FOCUS 143143	NZE194990143143	2016	2017	12	309.5	101	53.87	111	350.8	118	143.9	33	6.42	31
Angus	KAKAHU BOND 13007 *	NZE13300013007	2016	2022	10	315.6	12	53.91	103	358.3	96	146.5	144	5.64	132
Angus	STORTH OAKS EVEREST J20	NZE19507013J20	2016	2017	15	310.6	79	53.43	161	360.2	85	147.2	154	6.46	27
Angus	STORTH OAKS J29	NZE19507013J29	2016	2017	14	307.5	128	53.78	130	373.9	34	148.2	163	6.09	65
Angus	STORTH OAKS JACK J7	NZE19507013J7	2016	2018	22	310.2	84	52.86	167	376.4	27	144.9	85	5.69	128
Angus	TE MANIA GARTH G67	VTMG67	2016	2016	13	315.8	11	53.41	162	349.7	126	143.7	27	6.74	9
Angus	TE MANIA JONAH 13588	NZE16932013588	2016	2017	13	305.4	150	53.47	159	349.3	127	144.3	49	5.96	85
Angus	TURIHAUA SIR CRUMBLE E222	17691009E222	2016	2017	14	313.3	43	53.62	148	350.4	119	144.3	48	5.79	116

Total bulls: 167																
Breed	Bull Name	Animal ID	First Year	Last Year	N	Carcase Weight (kg)	Rank	Dressing (%)	Rank	Marbling	Rank	Ossification	Rank	Fat Depth (mm)	Rank	
Minimum						299.4		52.9		323.8		142.2		4.4		
Average						310.2		54.0		361.1		145.0		6.0		
Maximum						322.4		54.8		413.0		149.3		7.8		
Angus	TUWHARETOA REGENT D145 (AUS)	AUBNAD145	2016	2018	25	316.0	9	54.12	50	404.6	4	145.9	126	6.85	7	
Charolais	CENTREWOOD 130516	001130516E	2016	2017	12	310.5	80	53.96	85	392.2	8	144.4	57	5.72	126	
Charolais	KAITOKE COMMODORE C22	471070022E	2016	2017	10	310.2	83	53.83	121	354.2	105	145.5	114	5.79	115	
Hereford	ARDO FARGO 1154	0277111154	2016	2018	16	307.3	132	53.93	99	356.7	101	143.4	19	5.80	113	
Hereford	EFBEEF U208 FORTUNE Y848 (US)	US43187500	2016	2017	15	304.4	158	54.35	26	364.3	66	146.6	145	5.50	149	
Hereford	ORARI GORGE MISCHIEF 120083 *	0400120083	2016	2022	15	308.9	108	53.39	163	342.6	149	147.4	156	6.25	41	
Simmental	GLENSIDE CATALYST C23	1312AC0023	2016	2016	12	310.0	89	54.60	5	356.5	102	144.6	67	5.63	135	
Simmental	HOOKS YELLOWSTONE 97Y (US)	US2612546	2016	2016	11	314.1	28	54.03	68	351.0	116	144.2	42	5.27	161	
Simmental	KERRAH AX49	1667AX0049	2016	2017	12	308.9	109	53.92	100	352.2	111	145.6	115	4.37	167	
Simmental	KERRAH BANDWAGON B306	1667AB0306	2016	2016	12	309.0	106	53.96	86	371.9	40	144.1	39	6.10	60	
Simmental	KERRAH BANKER B464	1667BB0464	2016	2017	11	307.5	129	53.69	144	371.9	41	147.5	160	6.20	48	
Simmental	WAIKITE AB2038	1455AB2038	2016	2017	12	307.3	133	54.19	39	335.5	159	145.1	94	6.01	77	
Simmental	WAIKITE AC2016	1455AC2016	2016	2018	11	311.0	73	53.56	153	367.4	59	144.6	64	6.45	28	
Simmental	WAIKITE AMPLE AA2241	1455AA2241	2016	2017	13	309.9	94	54.28	31	350.0	124	145.3	103	5.87	102	
Stabilizer	FOCUS BIG GENE 121292	N/A	2016	2019	21	309.0	107	54.46	15	342.3	151	145.6	116	6.41	32	
Angus	EARNSCLEUGH TUSOCK 144307	210130144307	2017	2018	10	314.5	21	53.93	96	368.1	53	145.5	112	5.60	141	
Angus	GLANWORTH WAIGROUP 14163	12154014163	2017	2018	11	306.4	140	53.99	76	362.3	79	146.5	143	6.10	61	
Angus	GRAMPIANS LOTTERY K13	NZE21150014K13	2017	2018	11	299.4	167	54.19	40	325.0	166	144.6	70	5.92	91	
Angus	H P C A PROCEED (US)	US16956101	2017	2017	20	310.2	85	53.48	156	378.4	23	146.3	137	5.81	110	
Angus	KAKAHU 14003	NZE13300014D003	2017	2018	14	313.6	36	53.87	114	371.5	42	144.7	75	6.57	22	
Angus	PATHFINDER GENESIS G357 (AUS)	SMPG357	2017	2017	24	315.3	13	53.73	137	343.9	146	144.0	37	6.13	55	
Angus	PINEBANK 97/11	1199001197	2017	2018	10	305.8	144	53.46	160	323.8	167	144.5	58	6.09	64	
Angus	RENNYLEA K163	AUNORK163	2017	2018	13	307.3	131	53.88	107	368.0	54	144.2	41	5.84	105	
Angus	RISSINGTON PREMIUM CUT C487	NZE14572015C487	2017	2018	11	312.3	53	54.04	67	351.9	112	144.3	45	5.09	164	
Angus	SEVEN HILLS 129/14	NZE21159014129	2017	2017	14	308.5	115	54.49	10	377.0	25	143.7	25	7.26	5	
Angus	STORTH OAKS K122	NZE19507014K122	2017	2019	14	310.3	82	54.01	74	367.9	56	144.5	62	5.74	123	

Total bulls: 167															
Breed	Bull Name	Animal ID	First Year	Last Year	N	Carcase Weight (kg)	Rank	Dressing (%)	Rank	Marbling	Rank	Ossification	Rank	Fat Depth (mm)	Rank
Minimum						299.4		52.9		323.8		142.2		4.4	
Average						310.2		54.0		361.1		145.0		6.0	
Maximum						322.4		54.8		413.0		149.3		7.8	
Angus	THOMAS UP RIVER 1614 (US)	AAA 17091363	2017	2018	16	314.1	27	54.45	16	371.1	46	144.3	46	5.60	140
Angus	TURIHAUA MYTHOLOGY F236	17691010F236	2017	2018	10	311.0	74	53.76	134	347.2	137	143.7	28	5.59	142
Angus	WAITAWHETA K44 AB	18938014K44	2017	2018	13	316.1	8	53.69	143	382.4	16	144.4	54	5.77	120
Angus	WR JOURNEY-1X74 (ET)	US16924332	2017	2018	11	310.4	81	54.12	52	361.3	81	144.4	53	6.15	52
Charolais	BLELACK DIGGER	UKMBM0038543	2017	2018	16	316.7	6	54.71	2	330.4	165	142.8	6	5.07	165
Charolais	HEMINGFORD JERICO J95	803140095E	2017	2018	11	313.8	32	53.94	95	347.6	135	142.7	3	5.80	112
Charolais	SILVERSTREAM FRAMPTON F17	083100017E	2017	2018	12	312.7	50	53.81	126	336.1	158	143.9	34	5.20	162
Charolais	WHANANAKI APOLLO A78	484050078E	2017	2018	10	309.9	92	54.19	38	362.9	75	143.7	26	5.99	80
Hereford	ARDO BISMARCK 4256	0277144256	2017	2018	12	304.9	153	53.95	89	376.9	26	143.5	20	6.32	37
Hereford	GRASSMERE GALANT 9	0200140009	2017	2018	10	312.7	51	53.98	82	358.0	98	143.4	18	6.52	23
Hereford	KOANUI TECHNO 3062	0216133062	2017	2018	11	310.1	86	53.70	140	360.2	86	145.5	111	5.65	130
Hereford	TE TAUMATA FOUNDATION 14684	0308140684	2017	2018	11	308.6	113	53.98	81	362.9	77	146.1	133	5.97	84
Simmental	GLENSIDE CRUMPY C4	1312AC0004	2017	2018	16	311.0	71	53.71	139	396.3	7	145.9	123	5.89	96
Simmental	GLENSIDE DUMP TRUCK D12	1312AD0012	2017	2018	15	311.3	67	54.11	58	358.5	92	147.4	157	6.42	30
Simmental	HOOKS BEACON 56B (US)	US2854180	2017	2018	13	305.1	151	54.03	69	412.0	2	149.3	167	6.67	17
Simmental	KERRAH CAPTAIN C400	1667AC0400	2017	2018	15	313.0	45	54.10	61	367.2	60	145.1	96	5.73	125
Simmental	LEAFLAND CAPTAIN C1	1614AC0001	2017	2018	15	313.4	41	53.26	165	351.6	114	143.1	12	5.66	129
Simmental	MR NLC UPGRADE U8676 (US)	US2474338	2017	2018	19	313.1	44	54.25	32	377.4	24	146.0	131	5.77	118
Simmental	RISSINGTON AD372 (ET)	0049AD0372	2017	2018	13	313.9	31	53.87	113	348.7	131	145.4	106	6.08	68
Simmental	RISSINGTON DESTINED AD8	0049AD0008	2017	2018	15	312.5	52	53.88	106	375.9	29	142.9	8	6.02	74
Simmental	WAIKITE ZACKARIAS AZ0176	1455AZ0176	2017	2018	18	313.5	37	53.56	152	360.5	84	144.0	36	5.61	138
Simmental	WS PRIME BEEF Z8 (US)	US2675742	2017	2018	13	305.8	146	54.64	4	345.8	142	144.6	68	5.99	81
Stabilizer	STABILIZER 140082	N/A	2017	2018	12	303.1	161	53.86	115	361.3	80	146.0	128	5.94	88
Stabilizer	STABILIZER 140850	N/A	2017	2019	13	304.6	156	54.53	7	369.6	50	144.5	60	6.72	12
Angus	ARDROSSAN HONOUR H255 (AUS)	AUNAQH255	2018	2019	11	309.8	97	53.98	80	355.2	103	144.9	84	6.67	16
Angus	LINTON 16042	NZE20305016042	2018	2018	11	306.9	136	53.59	151	352.6	109	145.9	127	5.63	134

Total bulls: 167																
Breed	Bull Name	Animal ID	First Year	Last Year	N	Carcase Weight (kg)	Rank	Dressing (%)	Rank	Marbling	Rank	Ossification	Rank	Fat Depth (mm)	Rank	
Minimum						299.4		52.9		323.8		142.2		4.4		
Average						310.2		54.0		361.1		145.0		6.0		
Maximum						322.4		54.8		413.0		149.3		7.8		
Angus	MILLAH MURRAH LOCH UP L133 (AUS)	AUNMML133	2018	2019	11	314.5	22	53.73	138	371.1	45	144.8	80	5.65	131	
Angus	PA FULL POWER 1208 (USA)	US16981588	2018	2019	14	313.4	42	54.75	1	389.8	10	144.3	52	6.25	42	
Angus	QUAKER HILL MILE HIGH 4EX31 (USA)	US18078212	2018	2019	16	314.3	24	54.07	63	370.1	48	144.7	76	5.79	114	
Angus	RISSINGTON RESOLVED C116	NZE14572015C116	2018	2019	10	306.9	137	53.99	77	368.8	51	147.2	153	6.49	25	
Angus	SYDGEN EXCEED 3223 (USA)	US17501893	2018	2019	13	308.0	123	54.32	29	391.2	9	146.7	148	6.23	44	
Angus	TE MANIA MULLER 16305 *	NZE16932016305	2018	2022	15	314.2	26	53.23	166	338.7	156	143.2	14	6.25	40	
Charolais	HEMINGFORD ICONIC I9	803130009E	2018	2018	10	316.4	7	53.92	101	334.8	160	144.6	69	5.57	144	
Charolais	PALGROVE XCEPT (AUS)	AUPKX488	2018	2019	11	309.2	104	54.14	45	331.3	164	143.1	11	5.82	109	
Charolais	SILVERSTREAM LANDIS L179	083150179E	2018	2019	12	312.1	57	54.40	21	333.7	161	148.3	164	5.99	79	
Charolais	SPARROWS BRAXTON 519C (USA)	PMC367500	2018	2019	18	308.0	124	54.18	41	347.4	136	145.4	104	5.94	87	
Hereford	ARDO AJAX 5014 *	0277155014	2018	2022	16	305.7	148	54.51	8	348.7	130	144.6	65	6.35	33	
Hereford	CRAIGMORE IKE 140260	0169140260	2018	2019	10	307.9	126	54.10	59	336.9	157	143.6	24	6.34	34	
Hereford	DAYS ROBIN HOOD H38 (AUS)	AUDAYH38	2018	2019	11	304.6	155	54.09	62	351.0	117	146.0	132	5.83	106	
Hereford	GRASSMERE GALLANT 152	0200150152	2018	2019	14	312.7	49	53.79	128	348.0	133	145.4	105	5.62	136	
Hereford	KOANUI LEGIT 6444 *	0216166444	2018	2022	19	301.9	165	53.51	155	358.0	97	146.1	134	5.94	86	
Hereford	LIMEHILLS STREAKER 150368 *	0677150368	2018	2022	13	308.6	112	53.93	97	359.3	89	146.1	135	5.89	97	
Hereford	ORARI GORGE PATTON 150051	0400150051	2018	2019	10	302.8	162	54.15	43	372.8	37	143.2	13	6.71	14	
Hereford	WESTHOLM TRUST R 58	0421160058	2018	2019	10	310.8	76	54.11	53	339.3	155	143.5	21	5.64	133	
Simmental	CCR COWBOY CUT 5048Z (USA)	US2703910	2018	2019	11	304.8	154	53.86	116	372.7	38	144.7	79	6.00	78	
Simmental	POTAWA ADMIRAL	1665AA0007	2018	2018	11	308.1	121	53.77	132	343.6	147	145.6	117	6.74	10	
Simmental	RISSINGTON AA0809	0049AA0809	2018	2019	12	307.4	130	53.70	141	356.7	100	144.8	81	5.46	153	
Simmental	WAIKITE AY0097	1455AY0097	2018	2019	13	317.6	5	53.69	145	346.8	139	145.3	101	5.76	122	
Simmental	WS RED MOON D76 (USA)	US3115609	2018	2019	15	302.4	163	53.92	102	371.4	43	144.8	82	6.18	51	
Angus	CONNELLY LEGENDARY 644L (USA)	US18534952	2019	2020	11	309.2	105	54.38	24	363.2	73	145.4	107	5.76	121	
Angus	KAKAHU LACHLAN 15095	NZE13300015095	2019	2020	13	309.4	102	53.61	150	359.4	88	146.3	138	6.44	29	
Angus	RISSINGTON 17014	NZE14572017014	2019	2020	10	309.9	95	54.51	9	358.3	95	144.6	71	5.81	111	

Total bulls: 167															
Breed	Bull Name	Animal ID	First Year	Last Year	N	Carcase Weight (kg)	Rank	Dressing (%)	Rank	Marbling	Rank	Ossification	Rank	Fat Depth (mm)	Rank
Minimum						299.4		52.9		323.8		142.2		4.4	
Average						310.2		54.0		361.1		145.0		6.0	
Maximum						322.4		54.8		413.0		149.3		7.8	
Angus	STORTH OAKS JOURNEY M31	NZE19507016M31	2019	2020	11	309.9	96	54.67	3	368.2	52	145.5	113	6.74	11
Angus	STORTH OAKS M10	NZE19507016M10	2019	2020	10	312.2	55	53.81	125	350.0	123	143.0	10	5.88	100
Angus	SYDGEN BLACK PEARL 2006 (USA)	US17236055	2019	2020	12	315.0	15	54.12	51	363.6	71	145.7	119	6.12	56
Angus	WAITANGI M203 *	NZE18954016M203	2019	2022	14	305.8	143	54.11	54	367.8	57	147.3	155	6.14	53
Charolais	HEMINGFORD NEXT DIRECTION N64	803170064E	2019	2020	14	310.7	77	53.95	91	364.6	64	144.1	38	6.12	57
Hereford	MATARIKI 110637 *	0281110637	2019	2022	12	305.8	145	53.80	127	349.1	128	146.9	149	5.87	104
Hereford	MATARIKI J215	0281160215	2019	2020	17	314.0	30	53.84	120	331.7	163	142.9	7	6.21	46
Hereford	OKAWA STAMPER 160124	0617160124	2019	2020	14	301.9	164	54.48	12	349.8	125	145.5	109	5.83	107
Hereford	WIRRUNA MATTY M288 (AUS) *	WNAM288	2019	2022	16	308.2	116	53.81	124	380.6	19	144.7	72	6.06	70
Limousin	MANGATARA 335L	N/A	2019	2020	12	308.7	111	54.01	71	350.0	122	145.9	122	6.10	63
Limousin	MANGATARA JOOL	N/A	2019	2020	12	303.6	160	54.47	14	345.4	144	145.1	95	6.22	45
Shorthorn	ORENA BALANCE 15012	209315012	2019	2020	10	308.6	114	54.18	42	351.9	113	144.7	78	6.69	15
Simmental	GLEN ANTHONY AE12	0299AE0012	2019	2020	26	311.0	72	53.94	92	347.7	134	145.0	87	5.91	94
Simmental	GLENSIDE FRONTIER F19	1312AF0019	2019	2020	17	314.7	19	53.77	131	350.4	120	144.4	56	5.82	108
Simmental	HOOKS DELEGATE 64D (USA)	US3132798	2019	2020	25	310.1	88	53.95	88	362.9	76	144.2	40	6.10	62
Simmental	KERRAH EPIC E303	1667AE0303	2019	2020	23	311.8	62	53.68	146	346.1	140	144.7	74	5.40	157
Simmental	OWHATA AE7	1689AE0007	2019	2020	11	314.7	18	54.14	44	349.0	129	145.9	124	6.13	54
Simmental	RISSINGTON AF184	0049AF0184	2019	2020	19	309.9	91	53.90	104	351.4	115	145.3	102	5.61	139
Simmental	RISSINGTON AF44	0049AF0044	2019	2020	18	304.9	152	54.19	37	382.4	15	147.9	162	6.20	49
Simmental	WAIKITE AE2009	1455AE2009	2019	2020	11	314.4	23	53.76	136	361.0	82	144.7	73	5.56	145
South Devon	BURTERGILL HENRY 1105	VAN11005PZ	2019	2020	11	311.1	70	54.01	73	341.8	152	146.0	129	5.91	95
Stabilizer	STABILIZER 165292	N/A	2019	2020	13	312.3	54	53.95	90	350.3	121	145.1	91	5.74	124
Angus	CLUNES CROSSING DUSTY M13 (AI) (IMP AUS)	AUQMUM13	2020	2020	11	313.6	33	54.11	57	376.2	28	147.0	151	5.77	117
Angus	FOCUS 173075 (P) *	NZE194990173075	2020	2023	25	312.8	47	53.99	75	374.4	31	144.5	61	6.06	71
Angus	LINTON 17070 (P) *	NZE20305017070	2020	2022	14	309.6	100	54.47	13	379.2	22	143.9	35	6.01	75

Total bulls: 167															
Breed	Bull Name	Animal ID	First Year	Last Year	N	Carcase Weight (kg)	Rank	Dressing (%)	Rank	Marbling	Rank	Ossification	Rank	Fat Depth (mm)	Rank
Minimum						299.4		52.9		323.8		142.2		4.4	
Average						310.2		54.0		361.1		145.0		6.0	
Maximum						322.4		54.8		413.0		149.3		7.8	
Angus	RISSINGTON SURE FIRE P399 *	NZE145720180399	2020	2021	17	311.2	69	54.04	66	374.0	33	144.5	59	5.48	151
Hereford	CAPETHORNE 1617 *	0065160017	2020	2021	14	309.6	99	53.81	123	358.7	91	145.2	97	6.11	58
Hereford	FOULDEN HILL FLAME 11 0155	1731110155	2020	2020	12	314.9	16	53.98	78	358.4	94	145.7	118	6.31	38
Hereford	GLENBRAE NIGHTRIDER 1761	0730170061	2020	2020	16	308.0	122	53.54	154	348.5	132	143.2	15	6.62	18
Hereford	LIMEHILLS ANZAC 170279	0677170279	2020	2020	20	308.2	117	53.88	109	367.0	61	147.7	161	6.46	26
Hereford	OTAPAWA VODOO 7007	0347177007	2020	2020	15	306.1	142	53.88	110	345.6	143	144.2	44	6.59	20
Simmental	GLENSIDE G2	1312180002	2020	2020	11	311.2	68	54.33	27	370.5	47	145.8	121	6.23	43
Simmental	KERRAH FUNDAMENTAL F509	1667AF0509	2020	2020	21	313.5	38	53.93	98	368.0	55	146.4	140	5.92	92
Angus	HALLMARK STIRLING Q016	21224019Q016	2022	2023	13	311.9	61	54.11	55	379.8	21	144.9	86	6.85	8
Angus	STORTH OAKS Q125	NZE19507019Q125	2022	2023	16	315.9	10	54.40	23	380.4	20	146.5	142	6.05	72
Hereford	KOANUI MAJOR P469	0216180469	2022	2023	13	312.1	56	53.87	112	344.7	145	145.5	110	6.32	36
Hereford	MONYMUSK OUTBACK 190061	0272190061	2022	2023	15	312.8	48	53.70	142	347.1	138	143.8	30	5.57	143
Hereford	OKAWA SARACEN 7036	0617170036	2022	2023	12	306.9	135	53.94	94	332.4	162	146.7	147	5.92	93
Hereford	ORARI GORGE TARZAN 190091	0400190091	2022	2023	13	306.4	141	53.77	133	339.9	153	142.9	9	5.43	155

*The asterisk after the name denotes that these bulls are link sires of the across-breed Progeny Test - i.e. used in both the original BPT and as a link sire to the across-breed BPT. The sires coloured blue were used as part of the across-breed BPT.

Note: Some sires have been removed from the report as there were not enough progeny recorded from that sire for the results to be reliable.

Appendix

Trait definitions - Growth Traits

Weaning Weight (kg)	Weight at weaning recorded on steer and heifer progeny. Higher values indicate more weight.
Yearling Weight (kg)	Weight as a yearling recorded on steer and heifer progeny. Higher values indicate more weight.
18-Months Weight (kg)	Weight at 18-months of age recorded on steer and heifer progeny. Higher values indicate more weight.

Trait definitions - Ultrasound Muscle Scanning Traits

Eye Muscle Area (cm²)	Abbreviated as EMA. Area of Eye Muscle as captured at the 12th/13th rib site from ultrasound scanning in both steer and heifer progeny at 18 months of age. Adjusted for the weight of the animals at scanning. Higher values indicate larger eye muscle area.
Rib Fat (mm)	Rib Fat captured at the 12th/13th rib site from ultrasound scanning in both steer and heifer progeny at 18 months of age. Adjusted for the weight of the animals at scanning. Higher values indicate more fat over the ribs.
Rump Fat (mm)	Rump Fat captured at the P8 site from ultrasound scanning both steer and heifer progeny at 18 months of age. Adjusted for the weight of the animals at scanning.
Intramuscular Fat (%)	Abbreviated as IMF. Intramuscular Fat captured at the 12th/13th rib site from ultrasound scanning both steer and heifer progeny at 18 months of age. Adjusted for the weight of the animals at scanning. Higher values indicate more intramuscular fat, which is related to marbling.

Trait definitions - Carcase Traits

Carcase Weight (kg)	Weight of the hot carcase at slaughter recorded on steer progeny and terminal heifers. Adjusted for slaughter age. Higher values indicate a heavier carcase weight.
Dressing (%)	Calculated by dividing the carcase weight by either the pre-slaughter liveweight at the plant or the on-farm liveweight of the animal prior to transport (where pre-slaughter liveweight not available on the mob) and expressing the result as a percentage. Adjusted for carcase weight, and adjustment for contemporary group differences will remove the impact of pre-slaughter vs on-farm liveweight.
Marbling	Marble score recorded by Silver Fern Farms BeefEQ graders in the chiller on steer progeny and terminal heifers using the Meat Standards Australia (MSA) scale. Adjusted for carcase weight. Higher values indicate more marbling in the carcase. 100 points on the MSA scale is equivalent to 1 Marble score on the AusMeat scale, with a 300 MSA score being equivalent to AusMeat Marble Score 1 (and 400 MSA score equivalent to AusMeat Marble Score 2, etc).
Ossification	Ossification score recorded by Silver Fern Farms Beef EQ graders in the chiller on steer progeny and terminal heifers. Adjusted for carcase weight. Lower values are better as they indicate younger physiological maturity at slaughter.
Fat depth (mm)	Subcutaneous fat measurement at the 12th/13th rib site recorded by Silver Fern Farms Beef EQ graders in the chiller on steer progeny and terminal heifers. Adjusted for carcase weight. Higher values indicate more fat over the ribs.