



Beef Progeny Test

Growth, Ultrasound Muscle Scanning and Carcase Report

AUGUST 2024



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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 2021 mating, with all available data included.

Now in its fourth year, the across-breed BPT continues to gain momentum with over 50 bulls nominated as sires for use in the 2023-mating season. This was the highest number of bull nominations since the across-breed Beef Progeny Test (BPT) was launched in 2020.

Data is collected from conception throughout the animal's life and the test now has processing data from calves born into the programme and reproductive data from heifers born in 2021.

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: www.blngenetics.com/progeny-tests

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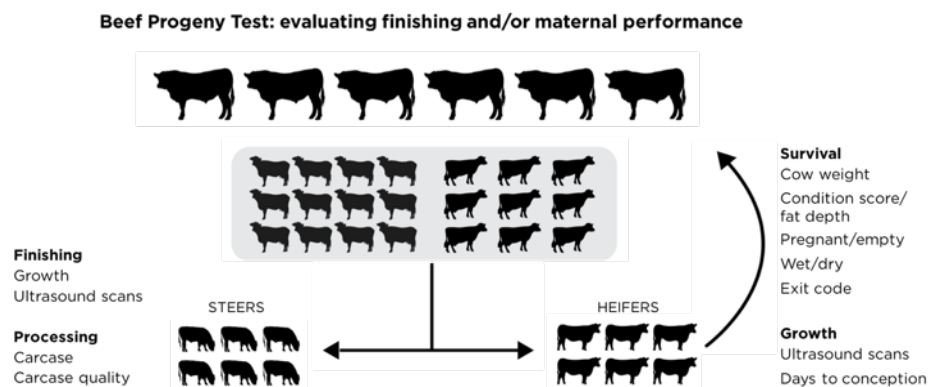
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Background

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.

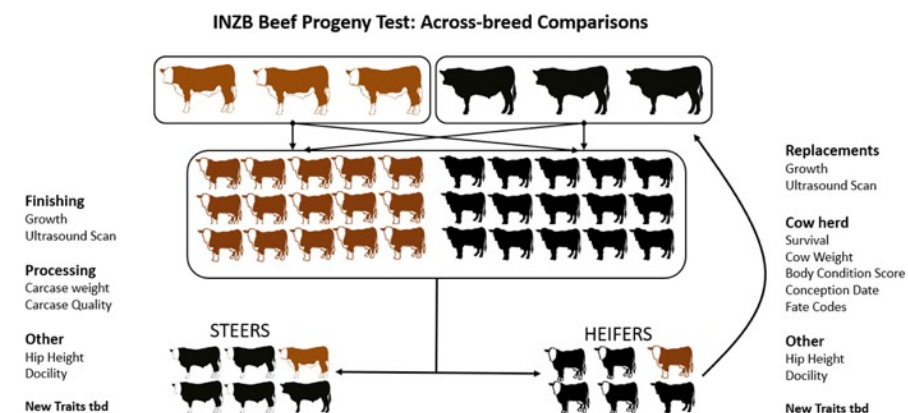
Some bulls were included to provide genetic links to other programmes, where carcass data is being collected (e.g. the Australian Angus Sire Benchmark Programme, Hereford Progeny Test, Angus Sire Alliance and the B+LNZ Genetics Dairy Beef Progeny Test).

Please see our website for copies of past reports

<https://www.blznzgenetics.com/progeny-tests/beef-progeny-tests>

Introducing 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 are performing within the Beef Progeny Test 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.

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 only a 0.6kg difference between bulls ranked 131 and 141 for 18-month 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.

Interpreting the table

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

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

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

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 242		Total Bulls = 242		Total Bulls = 229	
			First Year	Last Year	N	Weaning Wt. (kg)	Rank	Yearling Wt. (kg)	Rank	18 Month Wt. (kg)	Rank
ANGUS	CONNELY REVENUE 7392	US17220531	2015	2016	22	207.8	39	280.8	125	436.1	166
ANGUS	EF COMPLEMENT 8088	US16198796	2015	2016	19	202.1	213	273.9	218	438.6	131
ANGUS	RISSINGTON ANALYST 135252 (ET)	NZE145720135252	2015	2015	27	206.9	65	282.7	90	441.3	102
ANGUS	RISSINGTON PROMINENT 100104	NZE145720100104	2015	2015	22	208.1	31	283.7	74	452.3	13
ANGUS	FOSSIL CREEK HERO H006	18681012006	2015	2015	22	202.8	200	276.5	189	438.0	141

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

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 one: Summary of adjusted progeny averages for growth traits.

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238					
			First Year	Last Year	N	200d Weight (kg)	200d Rank	400d Weight (kg)	400d Rank	600d Weight (kg)	600d Rank
Angus	CONNELLY REVENUE 7392	US17220531	2015	2016	22	208.1	38	280.6	127	436.9	160
Angus	EF COMPLEMENT 8088	US16198796	2015	2016	19	201.8	208	273.9	215	438.4	138
Angus	FOSSIL CREEK HERO H006	NZE18681012006	2015	2015	22	202.8	187	276.5	185	438.1	143
Angus	G A R MOMENTUM	US17354145	2015	2016	17	205.4	122	281.9	100	444.7	70
Angus	GLANWORTH WAIGROUP 1213	1215401213	2015	2015	22	199.3	234	280.1	134	437.0	158
Angus	HPCA INTENSITY	US17366506	2015	2016	21	207.9	45	287.9	20	443.6	79
Angus	LINTON 13007	NZE20305013007	2015	2015	17	203.4	169	271.1	227	423.8	234
Angus	MATAURI OUTLIER F031	14647010F031	2015	2016	32	207.1	69	285.4	43	454.0	12
Angus	MATAURI REALITY 839	14647008839	2015	2016	25	206.7	77	282.4	90	436.3	167
Angus	NGAPUTAHI EUREKA E38	NZE21095009E38	2015	2016	24	203.2	177	277.2	172	434.0	190
Angus	PA SAFEGUARD 121	US16772185	2015	2017	37	203.5	164	282.1	94	444.0	78
Angus	PINEBANK 64/10	1199001064	2015	2016	21	205.0	131	275.2	203	428.1	227
Angus	RENNYLEA EDMUND E11	AUNORE11	2015	2016	27	206.5	84	287.7	21	442.9	93
Angus	RISSINGTON 135057	NZE145720135057	2015	2015	21	205.7	114	281.0	116	432.1	206
Angus	RISSINGTON 135262 (ET)	NZE145720135262	2015	2015	22	209.0	24	286.8	30	449.9	33
Angus	RISSINGTON ANALYST 135252 (ET)	NZE145720135252	2015	2015	27	207.0	70	282.7	88	441.5	108
Angus	RISSINGTON PROMINENT 100104	NZE145720100104	2015	2015	22	208.5	28	283.6	72	452.2	21
Angus	RISSINGTON RESOLUTE 120992 (ET)	NZE145720120992	2015	2015	13	205.4	121	282.1	95	436.0	173
Angus	S A V BRUISER 9164 (US)	US16396531	2015	2016	17	208.3	33	288.3	19	445.3	59
Angus	STORTH OAKS H114	NZE19507012H114	2015	2016	30	203.7	163	284.1	66	443.6	81
Angus	STORTH OAKS H2	NZE19507012H2	2015	2016	28	202.1	203	280.7	124	437.8	149
Angus	STORTH OAKS H41	NZE19507012H41	2015	2015	17	206.6	80	287.6	22	445.4	58
Angus	TANGIHAU KAINO H29	16883012H29	2015	2016	27	204.5	144	278.9	148	438.8	134
Angus	TE MANIA 11 553	NZE16932011553	2015	2016	24	206.1	100	278.9	147	438.3	140
Angus	TOTARANUI 238 (ET)	NZE12922011238	2015	2016	27	211.5	7	284.7	56	448.3	40
Angus	TURIHAUA CRUMP E5	17691009E5	2015	2016	25	201.7	211	281.6	106	435.9	174
Angus	TURIHAUA LIBERATION	17691007C27	2015	2015	34	203.1	180	274.2	212	430.6	216
Minimum						197.3		265.0		418.3	
Average						205.3		280.6		440.6	
Maximum						214.7		296.0		470.0	

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238					
			First Year	Last Year	N	200d Weight (kg)	200d Rank	400d Weight (kg)	400d Rank	600d Weight (kg)	600d Rank
Hereford	BEECHWOOD TURK	0051100094	2015	2015	12	206.7	76	277.3	171	431.5	210
Hereford	BLUESTONE 120061	1683120061	2015	2016	31	204.3	148	278.0	162	433.6	195
Hereford	KOANUI ROCKET 0219	0216000219	2015	2016	21	205.5	117	278.1	160	442.0	102
Hereford	MATARIKI HOLY SMOKE	0281070390	2015	2016	14	210.6	10	283.3	79	443.5	86
Hereford	NITHDALE ELVIS 040021	0400040021	2015	2016	14	208.5	29	285.7	41	444.9	67
Hereford	OKAWA DAVIS 7046	0617070046	2015	2015	20	205.9	106	283.0	82	442.5	96
Hereford	OKAWA MARSHALL 0109	0617100109	2015	2016	15	202.7	189	281.1	115	441.9	103
Hereford	OTAPAWA SPARK 3060	0347033060	2015	2015	27	208.2	37	285.4	42	441.1	112
Hereford	WAIKAKA TURNING POINT 110015	0328110015	2015	2016	14	206.5	86	281.7	104	443.0	90
Hereford	WIRRUNA DAFFY D1 (IMP AUS)	AUWNAD1	2015	2016	22	203.2	175	271.1	226	426.5	230
Simmental	GLEN ANTHONY Y-ARTA AY02 (ET)	0299AY0002	2015	2016	12	206.2	93	275.2	202	441.0	114
Simmental	GLENSIDE ATOMIC A5	1312AA0005	2015	2015	12	209.5	16	283.4	75	452.9	19
Simmental	KERRAH A456	1667AA0456	2015	2016	15	210.3	13	290.6	6	445.8	55
Simmental	KERRAH XFACTOR AX187 (ET)	1667AX0187	2015	2016	12	208.0	42	289.2	14	434.8	185
Simmental	KERRAH YES SIR AY393	1667AY0393	2015	2016	15	205.6	116	284.4	60	446.8	49
Simmental	RISSINGTON AB5185	0049AB5185	2015	2016	10	211.8	6	292.9	3	459.2	5
Simmental	RISSINGTON NEW STANDARD AU158	0049AU0158	2015	2015	15	213.6	2	296.0	1	470.0	1
Simmental	TOKAWEKA HANDSOME AH801	0079AH0801	2015	2015	15	206.7	74	281.5	109	446.3	52
Simmental	WAIKITE AA2036	1455AA2036	2015	2016	11	209.1	21	290.0	9	460.9	2
Stabilizer	FOCUS TRINITY 135263	N/A	2015	2016	18	202.3	197	281.0	117	437.3	156
Angus	DEER VALLEY ALL IN (US)	US17307074	2016	2017	28	207.4	59	291.6	4	452.6	20
Angus	FOCUS 131511	NZE194730131511	2016	2017	21	205.2	127	276.5	186	440.7	116
Angus	FOCUS 131539	NZE194730131539	2016	2017	24	204.3	149	278.1	161	431.2	213
Angus	FOCUS 143143	NZE194990143143	2016	2017	24	207.8	50	286.0	40	449.6	35
Angus	KAKAHU BOND 13007	NZE13300013007	2016	2022	31	206.1	98	288.3	18	443.1	89
Angus	KAKAHU JUBILANT 13054	NZE13300013054	2016	2017	22	207.6	55	278.2	158	436.6	164
Angus	LINTON 13543	NZE20305013543	2016	2017	18	203.5	165	279.3	139	440.7	115
Angus	MEADOWSLEA F540	19134010540	2016	2019	21	205.9	108	284.7	55	438.6	136
Angus	MT MABLE FAT BOY 373	12188006373	2016	2017	23	200.0	232	271.8	224	424.7	233
Angus	STORTH OAKS EVEREST J20	NZE19507013J20	2016	2017	33	203.8	158	284.1	67	444.8	69
Angus	STORTH OAKS J29	NZE19507013J29	2016	2017	43	201.1	221	275.6	198	436.4	165
Angus	STORTH OAKS JACK J7	NZE19507013J7	2016	2018	31	209.3	18	286.0	39	459.2	4
Angus	TE MANIA GARTH G67	VTMG67	2016	2016	25	207.0	71	289.5	12	450.9	23
Angus	TE MANIA JONAH 13588	NZE16932013588	2016	2017	29	205.6	115	277.2	173	445.7	56
Angus	TURIHAUA SIR CRUMBLE E222	17691009E222	2016	2017	29	206.4	89	283.3	78	445.5	57
Angus	TUWHARETOA REGENT D145 (AUS)	AUBNAD145	2016	2018	45	207.7	51	285.1	49	450.3	28
Angus	VAR RESERVE 1111 (US)	US16916944	2016	2017	18	206.0	101	276.6	182	435.5	176
Angus	WAITANGI D213	NZE18954008D213	2016	2017	24	203.5	167	278.3	154	441.1	113
Angus	WHANGARA 12323	NZE13649012323	2016	2017	25	208.7	27	284.7	54	450.9	22
Minimum						197.3		265.0		418.3	
Average						205.3		280.6		440.6	
Maximum						214.7		296.0		470.0	

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238					
			First Year	Last Year	N	200d Weight (kg)	200d Rank	400d Weight (kg)	400d Rank	600d Weight (kg)	600d Rank
Charolais	CENTREWOOD 130516	001130516E	2016	2017	14	205.4	124	281.6	105	436.0	171
Charolais	KAITOKI COMMODORE C22	471070022E	2016	2017	12	209.4	17	284.1	65	444.9	66
Charolais	SILVERSTREAM GEDDES G102	083110102D	2016	2017	13	201.7	210	284.7	53	429.4	222
Hereford	ARDO FARGO 1154	0277111154	2016	2018	29	202.1	200	269.3	231	431.6	208
Hereford	COLRAINE CODE WORD 13 139	1660130139	2016	2018	17	202.6	194	276.4	189	450.7	25
Hereford	EFBEEF U208 FORTUNE Y848 (US)	US43187500	2016	2017	25	202.1	201	273.8	216	420.9	237
Hereford	GRASSMERE SPARK 555	0200080555	2016	2017	19	201.2	220	276.6	183	437.6	152
Hereford	KOANUI CHIEFLY 2510	0216122510	2016	2018	16	205.9	104	281.7	102	439.0	131
Hereford	KOANUI UNANIMOUS 0408	0216100408	2016	2018	12	205.8	111	279.3	142	439.9	124
Hereford	LIMEHILLS STAMPER 120719	0677120719	2016	2017	18	207.8	47	280.9	119	441.3	111
Hereford	MONYMUSK GALLANT	0272110089	2016	2017	11	204.0	152	275.9	192	443.5	84
Hereford	OKAWA MAJOR 2008	0617120008	2016	2017	16	206.9	73	283.5	74	442.9	91
Hereford	ORARI GORGE MISCHIEF 120083	0400120083	2016	2022	31	212.5	4	289.1	15	441.3	110
Hereford	WIRRUNA ECHUCA (AUS)	AUWNAE99	2016	2018	26	206.6	81	280.9	118	439.4	129
Simmental	GLENSIDE CATALYST C23	1312AC0023	2016	2016	14	202.0	205	271.1	228	432.6	200
Simmental	HOOKS YELLOWSTONE 97Y (US)	US2612546	2016	2016	15	207.6	54	277.6	165	437.5	153
Simmental	KERRAH AX49	1667AX0049	2016	2017	12	205.0	130	279.9	136	436.2	169
Simmental	KERRAH BANDWAGON B306	1667AB0306	2016	2016	14	201.2	219	268.2	236	434.1	189
Simmental	KERRAH BANKER B464	1667BB0464	2016	2017	14	204.0	151	283.4	76	443.5	85
Simmental	RISSINGTON AC244	0049AC0244	2016	2016	10	204.9	133	280.7	125	444.4	73
Simmental	RIVERBEND TAMARACK 60N PF (CAN)	CA618651	2016	2017	12	205.0	132	273.4	218	434.5	186
Simmental	WAIKITE AB2038	1455AB2038	2016	2017	14	200.9	223	275.9	193	438.3	139
Simmental	WAIKITE AC2016	1455AC2016	2016	2018	11	207.2	63	282.0	98	444.4	74
Simmental	WAIKITE AMPLE AA2241	1455AA2241	2016	2017	14	202.0	204	278.7	151	437.8	148
Stabilizer	FOCUS BIG GENE 121292	N/A	2016	2019	41	202.4	195	282.4	91	442.3	97
Angus	BRAVEHEART OF STERN	1217000784	2017	2018	21	202.7	190	280.3	132	442.2	98
Angus	EARNSCLEUGH TUSOCK 144307	210130144307	2017	2018	21	208.3	31	286.6	34	454.7	11
Angus	EMBLAZON 999 (US)	US16665803	2017	2018	20	203.3	171	278.0	163	434.0	191
Angus	GLANWORTH WAIGROUP 14163	12154014163	2017	2018	27	203.1	178	283.8	69	442.1	100
Angus	GRAMPIANS LOTTERY K13	NZE21150014K13	2017	2018	21	201.6	213	275.5	201	428.5	224
						Minimum	197.3	265.0	418.3		
						Average	205.3	280.6	440.6		
						Maximum	214.7	296.0	470.0		

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238					
			First Year	Last Year	N	200d Weight (kg)	200d Rank	400d Weight (kg)	400d Rank	600d Weight (kg)	600d Rank
Angus	KAKAHU 14003	NZE13300014D003	2017	2018	23	207.3	62	284.5	58	444.1	77
Angus	LINTON 15077	NZE20305015077	2017	2018	17	202.9	185	280.7	126	440.6	117
Angus	PATHFINDER GENESIS G357 (AUS)	SMPG357	2017	2017	45	208.7	26	287.4	24	449.2	36
Angus	PINEBANK 97/11	1199001197	2017	2018	22	205.1	129	282.9	84	450.2	31
Angus	RENNYLEA K163	AUNORK163	2017	2018	26	205.3	125	281.7	101	439.5	128
Angus	RISSINGTON PREMIUM CUT C487	NZE14572015C487	2017	2018	18	207.6	57	286.6	33	445.3	60
Angus	SEVEN HILLS 129/14	NZE21159014129	2017	2017	32	204.7	136	284.5	57	437.2	157
Angus	STORTH OAKS ANGUS PRIME K5	NZE19507014K5	2017	2018	24	201.3	218	275.5	200	426.0	231
Angus	STORTH OAKS K122	NZE19507014K122	2017	2019	42	203.9	154	282.4	92	448.8	38
Angus	STORTH OAKS K134	NZE19507014K134	2017	2018	21	210.3	12	287.3	25	458.0	7
Angus	THOMAS UP RIVER 1614 (US)	AAA 17091363	2017	2018	30	208.3	32	284.9	51	443.3	88
Angus	TURIHAUA MYTHOLOGY F236	17691010F236	2017	2018	20	206.5	85	284.9	52	442.0	101
Angus	VAR GENERATION 2100 (US)	AAA 17171587	2017	2017	16	202.6	193	276.8	179	435.0	182
Angus	WAITAWHETA K44 AB	18938014K44	2017	2018	26	210.9	9	290.4	7	450.4	27
Angus	WR JOURNEY-1X74 (US)	AAA 16924332	2017	2018	27	205.9	105	282.2	93	443.6	82
Charolais	BLELACK DIGGER	UKMBM0038543	2017	2018	17	207.1	67	276.1	191	438.9	133
Charolais	HEMINGFORD JERICO J95	803140095E	2017	2018	13	203.9	156	275.8	196	440.2	120
Charolais	SILVERSTREAM FRAMPTON F17	083100017E	2017	2018	13	206.7	78	284.2	63	449.6	34
Charolais	WHANANAKI APOLLO A78	484050078E	2017	2018	12	203.0	182	275.8	195	438.2	141
Hereford	ARDO ACHILLES 120	0277100120	2017	2018	18	199.6	233	270.5	230	432.2	204
Hereford	ARDO BISMARCK 4256	0277144256	2017	2018	21	202.4	196	277.6	166	432.0	207
Hereford	GRASSMERE GALANT 9	0200140009	2017	2018	24	209.0	23	276.5	188	444.5	72
Hereford	INJEMIRA ANZAC K220 (AUS)	IHSK220	2017	2017	17	206.3	90	278.2	156	446.2	53
Hereford	KOANUI TECHNO 3062	0216133062	2017	2018	21	206.2	94	277.2	174	442.6	95
Hereford	MATARIKI 140255	0281140255	2017	2018	22	203.9	155	270.7	229	437.6	150
Hereford	ORARI GORGE OLIGARCH 140025	0400140025	2017	2017	10	208.1	39	284.5	59	445.3	61
Hereford	SHF ALL STAR (US)	US43379326	2017	2018	18	200.5	226	276.8	181	438.5	137
Hereford	TE TAUMATA FOUNDATION 14684	0308140684	2017	2018	21	204.7	137	278.2	157	439.7	126
Hereford	TLELL 29F RED CEDAR 8N (CAN)	CA02826570	2017	2018	19	198.8	236	283.3	80	432.5	202
						Minimum	197.3	265.0		418.3	
						Average	205.3	280.6		440.6	
						Maximum	214.7	296.0		470.0	

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238					
			First Year	Last Year	N	200d Weight (kg)	200d Rank	400d Weight (kg)	400d Rank	600d Weight (kg)	600d Rank
Simmental	GLENSIDE CRUMPY C4	1312AC0004	2017	2018	17	205.5	118	282.0	99	439.0	132
Simmental	GLENSIDE DUMP TRUCK D12	1312AD0012	2017	2018	15	207.2	64	284.4	61	447.2	47
Simmental	HOOKS BEACON 56B (US)	US2854180	2017	2018	14	204.1	150	282.1	96	430.5	217
Simmental	KERRAH CAPTAIN C400	1667AC0400	2017	2018	15	207.1	68	286.7	32	457.4	8
Simmental	LEAFLAND CAPTAIN C1	1614AC0001	2017	2018	17	207.7	53	289.0	16	450.2	30
Simmental	MR NLC UPGRADE U8676 (US)	US2474338	2017	2018	20	206.4	88	284.0	68	447.2	48
Simmental	RISSINGTON AD372 (ET)	0049AD0372	2017	2018	15	208.3	34	289.4	13	458.8	6
Simmental	RISSINGTON DESTINED AD8	0049AD0008	2017	2018	16	207.8	46	281.5	108	445.0	64
Simmental	WAIKITE ZACKARIAS AZ0176	1455AZ0176	2017	2018	18	206.1	96	289.8	10	453.3	16
Simmental	WS PRIME BEEF Z8 (US)	US2675742	2017	2018	14	203.0	183	279.1	145	437.6	151
Stabilizer	STABILIZER 140082	N/A	2017	2018	20	203.9	153	268.8	235	431.4	211
Stabilizer	STABILIZER 140850	N/A	2017	2019	28	198.0	237	269.0	233	423.5	235
Angus	ARDROSSAN HONOUR H255 (AUS)	AUNAQH255	2018	2019	22	203.8	159	271.3	225	436.0	172
Angus	BLUE MOUNTAIN BRILLIANZ O5	210530135	2018	2019	18	207.3	60	279.1	144	437.9	146
Angus	FOCUS GENETICS 163069	NZE194990163069	2018	2019	22	203.3	170	282.9	83	438.0	144
Angus	GRAMPIANS BUZZ L11	NZE21150015L11	2018	2018	17	204.8	135	281.4	110	436.1	170
Angus	KAKAHU 16159	NZE13300016159	2018	2019	21	204.7	139	276.6	184	436.6	163
Angus	LD CAPITALIST 316 (USA)	US17666102	2018	2018	24	206.1	95	277.3	169	437.0	159
Angus	LINTON 16042	NZE20305016042	2018	2018	30	204.4	147	280.6	128	441.8	105
Angus	MILLAH MURRAH LOCH UP L133 (AUS)	AUNMML133	2018	2019	20	206.4	87	281.1	114	445.2	62
Angus	PA FULL POWER 1208 (USA)	US16981588	2018	2019	27	205.8	112	282.8	86	441.7	107
Angus	QUAKER HILL MILE HIGH 4EX31 (USA)	USA18078212	2018	2019	27	209.0	25	286.2	36	448.4	39
Angus	REILAND HILARY H874 (AUS)	AUNLRH874	2018	2019	15	208.4	30	283.2	81	442.9	92
Angus	RISSINGTON 160136	NZE145720160136	2018	2019	18	205.8	113	285.1	48	441.4	109
Angus	RISSINGTON RESOLVED C116	NZE14572015C116	2018	2019	22	202.8	188	269.2	232	432.3	203
Angus	SEVEN HILLS 85/15	NZE21159015085	2018	2019	21	204.5	145	276.9	178	432.9	198
Angus	STORTH OAKS L94	NZE19507015L94	2018	2019	26	214.7	1	287.5	23	447.3	45
Angus	SYDGEN EXCEED 3223 (USA)	US17501893	2018	2019	31	201.4	217	276.5	187	430.0	219
Angus	TE MANIA 15380	NZE16932015380	2018	2019	16	209.5	15	283.8	70	448.9	37
Angus	TE MANIA MULLER 16305**	NZE16932016305	2018	2022	35	210.2	14	284.9	50	453.4	15
Angus	TOTARANUI 15151	NZE12922015151	2018	2018	19	207.9	43	282.7	87	434.0	192
Angus	TURIROA 16M013	15603016M013	2018	2019	14	207.3	61	289.7	11	450.8	24
Angus	WHENUAPAPA CRUMBLE 8-10	212110108	2018	2019	15	203.7	162	281.2	112	443.6	83
						Minimum	197.3	265.0		418.3	
						Average	205.3	280.6		440.6	
						Maximum	214.7	296.0		470.0	

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238					
			First Year	Last Year	N	200d Weight (kg)	200d Rank	400d Weight (kg)	400d Rank	600d Weight (kg)	600d Rank
Charolais	HEMINGFORD ICONIC I9	803130009E	2018	2018	10	207.6	56	284.3	62	450.3	29
Charolais	PALGROVE XCEPT (AUS)	AUPKX488	2018	2019	11	204.7	138	272.8	220	432.7	199
Charolais	SILVERSTREAM LANDIS L179	083150179E	2018	2019	13	206.5	83	277.0	177	439.7	125
Charolais	SPARROWS BRAXTON 519C (USA)	PMC367500	2018	2019	18	203.7	161	274.5	211	433.4	196
Hereford	ARDO AJAX 5014**	0277155014	2018	2022	35	201.9	207	274.9	208	434.2	188
Hereford	CRAIGMORE IKE 140260	0169140260	2018	2019	19	201.8	209	275.1	205	432.1	205
Hereford	DAYS ROBIN HOOD H38 (AUS)	AUDAYH38	2018	2019	22	203.0	181	273.3	219	440.2	119
Hereford	GRASSMERE GALLANT 152	0200150152	2018	2019	29	205.4	123	275.7	197	435.2	180
Hereford	KOANUI LEGIT 6444**	0216166444	2018	2022	37	199.2	235	268.9	234	430.2	218
Hereford	LIMEHILLS STREAKER 150368**	0677150368	2018	2022	32	205.1	128	281.7	103	446.1	54
Hereford	OKAWA HOGAN 3156	0617130156	2018	2018	17	205.8	109	278.3	153	440.1	122
Hereford	ORARI GORGE PATTON 150051	0400150051	2018	2019	23	201.9	206	271.9	223	429.5	221
Hereford	ORARI GORGE QUANTUM 160091	0400160091	2018	2019	17	200.7	224	280.8	123	439.7	127
Hereford	WESTHOLM TRUST R 58	0421160058	2018	2019	20	206.0	102	274.7	209	437.4	155
Simmental	CCR COWBOY CUT 5048Z (USA)	US2703910	2018	2019	13	203.3	174	283.4	77	438.2	142
Simmental	JANEFIELD ED AE1	1671AE0001	2018	2019	13	207.2	65	280.4	131	435.2	178
Simmental	POTAWA ADMIRAL	1665AA0007	2018	2018	11	206.1	99	277.3	170	441.9	104
Simmental	RISSINGTON AA0809	0049AA0809	2018	2019	13	203.3	172	283.5	73	447.3	46
Simmental	RISSINGTON EXCEED AE203	0049AE0203	2018	2019	11	201.1	222	279.3	141	435.0	181
Simmental	WAIKITE AD2031	1455AD2031	2018	2019	10	203.3	173	285.2	46	448.0	41
Simmental	WAIKITE AY0097	1455AY0097	2018	2019	17	207.8	48	291.0	5	457.1	10
Simmental	WS RED MOON D76 (USA)	US3115609	2018	2019	18	200.3	229	275.1	206	431.6	209
Angus	CONNEALY LEGENDARY 644L (USA)	US18534952	2019	2020	18	205.5	119	278.9	146	434.4	187
Angus	KAKAHU LACHLAN 15095	NZE13300015095	2019	2020	29	206.0	103	280.9	121	431.3	212
Angus	LINTON 16107	NZE20305016107	2019	2020	19	201.7	212	277.9	164	435.2	177
Angus	RISSINGTON 17014	NZE14572017014	2019	2020	19	203.5	168	280.6	129	433.1	197
Angus	STORTH OAKS JOURNEY M31	NZE19507016M31	2019	2020	20	201.5	215	274.0	213	425.8	232
Angus	STORTH OAKS M10	NZE19507016M10	2019	2020	22	209.3	19	283.6	71	460.4	3
Angus	STORTH OAKS M119	NZE19507016M119	2019	2020	17	200.6	225	281.5	107	441.7	106
Angus	SYDGEN BLACK PEARL 2006 (USA)	US17236055	2019	2020	23	207.7	52	280.9	120	444.1	76
Angus	TE MANIA MATRIX 16018	NZE16932016018	2019	2020	16	201.6	214	281.2	111	436.4	166
Angus	WAITANGI M203**	NZE18954016M203	2019	2022	28	206.3	92	277.0	176	429.9	220
Angus	WAITANGI M214	NZE18954016M214	2019	2020	20	204.5	143	276.8	180	435.6	175
Minimum						197.3		265.0		418.3	
Average						205.3		280.6		440.6	
Maximum						214.7		296.0		470.0	

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238					
			First Year	Last Year	N	200d Weight (kg)	200d Rank	400d Weight (kg)	400d Rank	600d Weight (kg)	600d Rank
Charolais	HEMINGFORD NEXT DIRECTION N64	803170064E	2019	2020	19	203.1	179	275.2	204	437.9	147
Charolais	KAKAHU GERRY 140506	001140506E	2019	2020	11	206.3	91	279.5	138	435.2	179
Charolais	SILVERSTREAM MANHATTEN M171	083160171D	2019	2020	15	202.7	192	275.8	194	433.7	194
Gelbvieh	GLADSTONE RED BARON PN19 ET (AI)	MCCPN19	2019	2020	10	203.7	160	272.0	221	431.1	214
Hereford	LIMEHILLS STARTER 160062	0677160062	2019	2020	30	204.6	142	278.3	155	447.6	44
Hereford	MATARIKI 110637**	0281110637	2019	2022	32	205.3	126	278.4	152	440.0	123
Hereford	MATARIKI J215	0281160215	2019	2020	33	206.1	97	286.7	31	444.2	75
Hereford	OKAWA STAMPER 160124	0617160124	2019	2020	36	200.1	230	265.0	238	423.3	236
Hereford	WIRRUNA MATTY M288 (AUS)**	WNAM288	2019	2022	40	203.8	157	272.0	222	438.8	135
Limousin	MANGATARA 335L	N/A	2019	2020	19	207.6	58	277.1	175	432.5	201
Limousin	MANGATARA JOOL	N/A	2019	2020	16	197.3	238	267.5	237	418.3	238
Shorthorn	ORENA BALANCE 15012	209315012	2019	2020	11	204.5	146	277.3	168	431.0	215
Simmental	GLEN ANTHONY AE12	0299AE0012	2019	2020	29	203.5	166	278.8	149	444.9	65
Simmental	GLENSIDE FRONTIER F19	1312AF0019	2019	2020	24	210.3	11	282.8	85	453.4	14
Simmental	HOOKS DELEGATE 64D (USA)	US3132798	2019	2020	31	205.9	107	277.5	167	440.1	121
Simmental	KERRAH EPIC E303	1667AE0303	2019	2020	29	211.0	8	294.6	2	450.6	26
Simmental	OWHATA AE7	1689AE0007	2019	2020	16	207.1	66	287.2	26	453.2	17
Simmental	RISSINGTON AF184	0049AF0184	2019	2020	23	206.5	82	285.3	45	438.0	145
Simmental	RISSINGTON AF44	0049AF0044	2019	2020	25	200.4	227	275.0	207	427.0	229
Simmental	WAIKITE AE2009	1455AE2009	2019	2020	14	212.4	5	290.0	8	457.4	9
South Devon	BURTERGILL HENRY 1105	VAN11005PZ	2019	2020	17	202.7	191	288.8	17	452.9	18
Stabilizer	STABILIZER 165287	N/A	2019	2020	27	201.4	216	286.9	29	445.0	63
Stabilizer	STABILIZER 165292	N/A	2019	2020	33	206.7	75	287.0	28	447.8	43
Stabilizer	STABILIZER 16538	N/A	2019	2020	12	207.0	72	281.2	113	442.8	94
Minimum						197.3		265.0		418.3	
Average						205.3		280.6		440.6	
Maximum						214.7		296.0		470.0	

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238					
			First Year	Last Year	N	200d Weight (kg)	200d Rank	400d Weight (kg)	400d Rank	600d Weight (kg)	600d Rank
Angus	CLUNES CROSSING DUSTY M13 (AI) (IMP AUS)	AUQMUM13	2020	2020	21	207.9	44	279.3	140	429.3	223
Angus	FOCUS 173075 (P)	NZE194990173075	2020	2023	59	208.2	36	286.4	35	443.3	87
Angus	LINTON 17070 (P)**	NZE20305017070	2020	2022	32	200.0	231	279.2	143	427.8	228
Angus	RISSINGTON SURE FIRE P399**	NZE145720180399	2020	2021	33	209.1	20	286.1	37	440.4	118
Hereford	CAPETHORNE 1617**	0065160017	2020	2021	33	208.0	40	286.0	38	446.6	50
Hereford	FOULDEN HILL FLAME 11 0155	1731110155	2020	2020	20	206.6	79	285.2	47	450.2	32
Hereford	GLENBRAE NIGHTRIDER 1761	0730170061	2020	2020	27	204.7	140	274.5	210	444.6	71
Hereford	LIMEHILLS ANZAC 170279	0677170279	2020	2020	29	204.6	141	274.0	214	434.9	184
Hereford	OTAPAWA VOODOO 7007	0347177007	2020	2020	26	202.1	199	276.3	190	428.4	226
Simmental	GLENSIDE G2	1312180002	2020	2020	21	208.2	35	284.1	64	447.9	42
Simmental	KERRAH FUNDAMENTAL F509	1667AF0509	2020	2020	31	207.8	49	285.3	44	453.8	13
Simmental	RISSINGTON 180061	0049180061	2020	2020	12	204.8	134	280.4	130	436.7	161
Angus	RISSINGTON ACCELERATE 17002**	NZE14572017002	2021	2022	12	202.9	184	279.6	137	436.6	162
Angus	TE MANIA 16360**	NZE16932016360	2021	2022	10	202.9	186	275.5	199	433.9	193
Angus	HALLMARK STIRLING Q016	21224019Q016	2022	2023	29	205.5	120	282.5	89	437.4	154
Angus	STOKMAN REAL DEAL N247	NZE21043017N247	2022	2023	21	200.3	228	273.6	217	428.5	225
Angus	STORTH OAKS Q125	NZE19507019Q125	2022	2023	24	212.7	3	287.0	27	444.8	68
Hereford	KCF BENNETT RESOLVE G595	US44105347	2022	2023	16	203.2	176	280.1	133	435.0	183
Hereford	KOANUI MAJOR P469	0216180469	2022	2023	27	202.1	202	280.8	122	442.1	99
Hereford	MONYMUSK OUTBACK 190061	0272190061	2022	2023	30	208.0	41	278.8	150	443.6	80
Hereford	OKAWA SARACEN 7036	0617170036	2022	2023	27	202.2	198	278.2	159	446.5	51
Hereford	ORARI GORGE TARZAN 190091	0400190091	2022	2023	29	205.8	110	282.1	97	439.0	130
Minimum						197.3		265.0		418.3	
Average						205.3		280.6		440.6	
Maximum						214.7		296.0		470.0	

** Indicates 2020 link sires used for the first mating 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 are Cohort 2 sires (2021 mating) at Kepler Farm.

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

Results

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

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238							
			First Year	Last Year	N	EMA (cm2)	EMA Rank	Rib Fat (mm)	Rib Fat Rank	Rump Fat (mm)	Rump Fat Rank	IMF (%)	IMF Rank
Angus	CONNELLY REVENUE 7392	US17220531	2015	2016	22	65.2	102	4.3	46	6.1	110	3.2	87
Angus	EF COMPLEMENT 8088	US16198796	2015	2016	19	66.1	26	3.8	175	6.0	132	3.4	25
Angus	FOSSIL CREEK HERO H006	NZE18681012006	2015	2015	22	66.6	11	4.2	65	7.0	12	3.3	60
Angus	G A R MOMENTUM	US17354145	2015	2016	17	65.7	54	4.0	146	5.8	163	3.3	63
Angus	GLANWORTH WAIGROUP 1213	1215401213	2015	2015	22	65.1	113	4.0	129	5.6	190	2.9	165
Angus	HPCA INTENSITY	US17366506	2015	2016	21	65.9	41	3.8	172	5.5	209	2.9	151
Angus	LINTON 13007	NZE20305013007	2015	2015	17	65.1	119	4.2	73	5.7	170	3.4	31
Angus	MATAURI OUTLIER F031	14647010F031	2015	2016	32	66.1	29	4.2	64	6.4	67	3.1	105
Angus	MATAURI REALITY 839	14647008839	2015	2016	25	65.5	76	4.4	26	6.8	24	3.6	11
Angus	NGAPUTAHU EUREKA E38	NZE21095009E38	2015	2016	24	64.6	175	3.7	198	5.4	223	2.8	185
Angus	PA SAFEGUARD 121	US16772185	2015	2017	37	65.5	73	3.8	189	5.4	213	3.5	18
Angus	PINEBANK 64/10	1199001064	2015	2016	21	62.8	236	4.4	28	6.2	99	3.1	111
Angus	RENNYLEA EDMUND E11	AUNORE11	2015	2016	27	66.6	13	5.1	1	7.2	4	4.2	2
Angus	RISSINGTON 135057	NZE145720135057	2015	2015	21	64.9	142	4.6	7	7.5	3	3.4	32
Angus	RISSINGTON 135262 (ET)	NZE145720135262	2015	2015	22	67.4	2	4.3	39	7.0	9	3.7	8
Angus	RISSINGTON ANALYST 135252 (ET)	NZE145720135252	2015	2015	27	66.5	17	4.1	75	6.1	114	3.5	20
Angus	RISSINGTON PROMINENT 100104	NZE145720100104	2015	2015	22	64.2	204	4.2	66	6.5	52	3.2	72
Angus	RISSINGTON RESOLUTE 120992 (ET)	NZE145720120992	2015	2015	13	65.2	108	4.1	86	6.0	123	3.3	70
Angus	S A V BRUISER 9164 (US)	US16396531	2015	2016	17	65.0	129	3.9	163	5.8	162	2.6	218
Angus	STORTH OAKS H114	NZE19507012H114	2015	2016	30	65.4	87	4.1	113	6.3	70	3.2	84
Angus	STORTH OAKS H2	NZE19507012H2	2015	2016	28	64.3	195	4.4	23	7.5	2	3.8	6
Angus	STORTH OAKS H41	NZE19507012H41	2015	2015	17	66.6	10	4.0	131	6.3	81	3.2	76
Angus	TANGIHOU KAINO H29	16883012H29	2015	2016	27	65.8	51	4.7	5	6.6	43	3.9	3
Angus	TE MANIA 11 553	NZE16932011553	2015	2016	24	66.0	32	4.3	47	5.9	150	3.5	22
Angus	TOTARANUI 238 (ET)	NZE12922011238	2015	2016	27	67.4	4	3.7	202	5.4	220	3.3	47
Angus	TURIHAUA CRUMP E5	17691009E5	2015	2016	25	64.5	180	4.4	27	6.9	15	3.1	112
Angus	TURIHAUA LIBERATION	17691007C27	2015	2015	34	61.2	238	3.8	188	5.8	164	2.4	226
Minimum						61.2		3.1		4.7		2.2	
Average						65.1		4.0		6.1		3.0	
Maximum						68.1		5.1		7.6		4.2	

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238							
			First Year	Last Year	N	EMA (cm2)	EMA Rank	Rib Fat (mm)	Rib Fat Rank	Rump Fat (mm)	Rump Fat Rank	IMF (%)	IMF Rank
Hereford	BEECHWOOD TURK	0051100094	2015	2015	12	63.3	233	3.4	234	5.6	199	2.2	236
Hereford	BLUESTONE 120061	1683120061	2015	2016	31	64.2	206	4.1	77	6.1	111	3.0	136
Hereford	KOANUI ROCKET 0219	0216000219	2015	2016	21	65.2	106	4.2	56	6.9	16	2.7	198
Hereford	MATARIKI HOLY SMOKE	0281070390	2015	2016	14	65.9	39	4.4	35	6.6	37	3.6	13
Hereford	NITHDALE ELVIS 040021	0400040021	2015	2016	14	67.2	5	4.3	50	6.0	129	3.5	19
Hereford	OKAWA DAVIS 7046	0617070046	2015	2015	20	63.5	230	4.1	82	5.9	152	3.3	53
Hereford	OKAWA MARSHALL 0109	0617100109	2015	2016	15	64.4	192	4.8	4	6.6	35	3.1	106
Hereford	OTAPAWA SPARK 3060	0347033060	2015	2015	27	63.6	227	4.5	20	6.5	46	3.0	115
Hereford	WAIKAKA TURNING POINT 110015	0328110015	2015	2016	14	65.9	43	3.5	232	5.7	177	3.0	141
Hereford	WIRRUNA DAFFY D1 (IMP AUS)	AUWNAD1	2015	2016	22	65.6	64	4.2	54	6.5	55	3.0	130
Simmental	GLEN ANTHONY Y-ARTA AY02 (ET)	0299AY0002	2015	2016	12	64.5	181	3.8	187	6.1	108	2.7	194
Simmental	GLENSIDE ATOMIC A5	1312AA0005	2015	2015	12	66.1	28	3.6	219	5.5	202	2.9	144
Simmental	KERRAH A456	1667AA0456	2015	2016	15	66.5	14	4.0	142	5.6	191	3.1	97
Simmental	KERRAH XFACTOR AX187 (ET)	1667AX0187	2015	2016	12	65.9	37	3.5	227	5.5	206	3.0	117
Simmental	KERRAH YES SIR AY393	1667AY0393	2015	2016	15	65.9	34	3.7	206	5.9	149	2.9	160
Simmental	RISSINGTON AB5185	0049AB5185	2015	2016	10	66.4	22	3.9	158	6.2	101	3.0	125
Simmental	RISSINGTON NEW STANDARD AU158	0049AU0158	2015	2015	15	68.1	1	4.4	30	6.6	34	3.8	5
Simmental	TOKAWEKA HANDSOME AH801	0079AH0801	2015	2015	15	65.4	80	3.1	238	5.0	234	2.7	193
Simmental	WAIKITE AA2036	1455AA2036	2015	2016	11	67.4	3	3.6	223	5.3	228	2.3	235
Stabilizer	FOCUS TRINITY 135263	N/A	2015	2016	18	66.5	15	5.1	2	7.6	1	3.4	29
Angus	DEER VALLEY ALL IN (US)	US17307074	2016	2017	28	65.4	84	3.7	208	5.4	225	3.0	137
Angus	FOCUS 131511	NZE194730131511	2016	2017	21	65.9	35	4.7	6	7.0	7	3.7	7
Angus	FOCUS 131539	NZE194730131539	2016	2017	24	64.2	203	3.9	165	5.9	139	3.3	42
Angus	FOCUS 143143	NZE194990143143	2016	2017	24	65.6	62	4.2	58	6.0	131	3.2	88
Angus	KAKAHU BOND 13007	NZE13300013007	2016	2022	31	64.6	172	4.1	91	6.2	92	3.3	65
Angus	KAKAHU JUBILANT 13054	NZE13300013054	2016	2017	22	64.7	170	4.0	130	5.8	165	3.3	48
Angus	LINTON 13543	NZE20305013543	2016	2017	18	65.1	111	4.1	96	6.4	60	3.1	110
Angus	MEADOWSLEA F540	19134010540	2016	2019	21	64.7	169	4.1	83	6.3	76	3.2	75
Angus	MT MABLE FAT BOY 373	12188006373	2016	2017	23	64.6	171	4.1	79	5.9	142	2.9	166
Angus	STORTH OAKS EVEREST J20	NZE19507013J20	2016	2017	33	65.1	120	4.5	17	6.7	27	3.4	30
Angus	STORTH OAKS J29	NZE19507013J29	2016	2017	43	62.1	237	4.5	14	6.7	28	3.8	4
Angus	STORTH OAKS JACK J7	NZE19507013J7	2016	2018	31	64.9	148	4.0	138	5.9	140	3.6	12
Angus	TE MANIA GARTH G67	VTMG67	2016	2016	25	65.7	56	4.5	16	7.0	8	3.5	15
Angus	TE MANIA JONAH 13588	NZE16932013588	2016	2017	29	65.8	49	3.9	159	5.9	143	2.9	155
Angus	TURIHAUA SIR CRUMBLE E222	17691009E222	2016	2017	29	65.6	67	3.6	214	5.6	189	2.4	224
Angus	TUWHARETOA REGENT D145 (AUS)	AUBNAD145	2016	2018	45	66.6	12	4.9	3	6.9	17	4.2	1
Angus	VAR RESERVE 1111 (US)	US16916944	2016	2017	18	65.3	93	3.8	173	5.7	173	3.0	124
Angus	WAITANGI D213	NZE18954008D213	2016	2017	24	64.4	190	4.2	68	6.2	82	2.6	211
Angus	WHANGARA 12323	NZE13649012323	2016	2017	25	65.6	60	4.2	67	6.3	74	3.3	44
Minimum						61.2		3.1		4.7		2.2	
Average						65.1		4.0		6.1		3.0	
Maximum						68.1		5.1		7.6		4.2	

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238							
			First Year	Last Year	N	EMA (cm2)	EMA Rank	Rib Fat (mm)	Rib Fat Rank	Rump Fat (mm)	Rump Fat Rank	IMF (%)	IMF Rank
Charolais	CENTREWOOD 130516	001130516E	2016	2017	14	64.9	138	3.7	193	5.5	204	2.5	220
Charolais	KAITOKE COMMODORE C22	471070022E	2016	2017	12	65.6	63	3.6	222	5.5	207	2.4	229
Charolais	SILVERSTREAM GEDDES G102	083110102D	2016	2017	13	65.0	134	3.8	170	5.4	222	2.6	209
Hereford	ARDO FARGO 1154	0277111154	2016	2018	29	63.4	232	4.1	99	6.6	42	3.0	123
Hereford	COLRAINE CODE WORD 13 139	1660130139	2016	2018	17	63.8	221	4.2	62	6.1	104	3.0	121
Hereford	EFBEEF U208 FORTUNE Y848 (US)	US43187500	2016	2017	25	64.1	207	3.9	169	5.8	153	2.9	145
Hereford	GRASSMERE SPARK 555	0200080555	2016	2017	19	64.5	186	4.3	41	6.4	61	3.4	26
Hereford	KOANUI CHIEFLY 2510	0216122510	2016	2018	16	64.5	182	4.4	33	6.8	19	3.0	128
Hereford	KOANUI UNANIMOUS 0408	0216100408	2016	2018	12	63.8	223	3.7	199	6.0	121	2.7	197
Hereford	LIMEHILLS STAMPER 120719	0677120719	2016	2017	18	66.4	21	3.9	166	6.0	122	2.8	186
Hereford	MONYMUSK GALLANT	0272110089	2016	2017	11	65.7	53	4.1	104	6.5	58	3.3	40
Hereford	OKAWA MAJOR 2008	0617120008	2016	2017	16	64.2	202	3.6	217	5.6	197	2.9	163
Hereford	ORARI GORGE MISCHIEF 120083	0400120083	2016	2022	31	64.0	213	4.2	53	6.5	49	2.9	156
Hereford	WIRRUNA ECHUCA (AUS)	AUWNAE99	2016	2018	26	63.5	228	4.6	9	6.9	13	3.4	37
Simmental	GLENSIDE CATALYST C23	1312AC0023	2016	2016	14	65.7	55	3.6	224	5.9	146	2.7	201
Simmental	HOOKS YELLOWSTONE 97Y (US)	US2612546	2016	2016	15	65.1	112	3.7	200	5.5	210	3.2	90
Simmental	KERRAH AX49	1667AX0049	2016	2017	12	66.0	31	3.2	237	4.7	238	2.5	222
Simmental	KERRAH BANDWAGON B306	1667AB0306	2016	2016	14	66.0	33	4.4	31	6.3	75	3.6	10
Simmental	KERRAH BANKER B464	1667BB0464	2016	2017	14	65.4	90	4.2	63	6.3	77	3.0	118
Simmental	RISSINGTON AC244	0049AC0244	2016	2016	10	65.9	40	4.0	141	6.9	14	2.8	183
Simmental	RIVERBEND TAMARACK 60N PF (CAN)	CA618651	2016	2017	12	64.9	140	3.4	235	5.1	232	2.4	225
Simmental	WAIKITE AB2038	1455AB2038	2016	2017	14	65.2	103	3.8	177	5.6	187	2.4	227
Simmental	WAIKITE AC2016	1455AC2016	2016	2018	11	65.1	115	4.1	101	6.0	125	3.0	135
Simmental	WAIKITE AMPLE AA2241	1455AA2241	2016	2017	14	65.4	82	3.5	230	5.4	226	2.4	232
Stabilizer	FOCUS BIG GENE 121292	N/A	2016	2019	41	65.8	47	4.0	121	5.6	186	3.2	81
Angus	BRAVEHEART OF STERN	1217000784	2017	2018	21	65.5	77	4.2	57	6.6	31	3.3	61
Angus	EARNSCLEUGH TUSOCK 144307	210130144307	2017	2018	21	66.4	19	4.0	140	6.6	41	3.1	100
Angus	EMBLAZON 999 (US)	US16665803	2017	2018	20	63.5	229	3.7	194	5.8	156	2.9	154
Angus	GLANWORTH WAIGROUP 14163	12154014163	2017	2018	27	64.9	146	4.0	123	6.2	97	2.8	178
Angus	GRAMPIANS LOTTERY K13	NZE21150014K13	2017	2018	21	64.3	199	4.1	110	6.2	89	3.0	119
Minimum						61.2		3.1		4.7		2.2	
Average						65.1		4.0		6.1		3.0	
Maximum						68.1		5.1		7.6		4.2	

PROGENY BORN						Total Bulls = 238							
Breed	Bull Name	Animal ID	First Year	Last Year	N	EMA (cm2)	EMA Rank	Rib Fat (mm)	Rib Fat Rank	Rump Fat (mm)	Rump Fat Rank	IMF (%)	IMF Rank
Angus	H P C A PROCEED (US)	US16956101	2017	2017	34	63.9	218	3.9	154	5.5	205	3.3	50
Angus	KAKAHU 14003	NZE13300014D003	2017	2018	23	65.3	94	4.0	125	6.0	120	3.0	116
Angus	LINTON 15077	NZE20305015077	2017	2018	17	65.1	118	4.3	38	6.8	20	3.2	85
Angus	PATHFINDER GENESIS G357 (AUS)	SMPG357	2017	2017	45	65.9	36	4.4	29	6.6	44	3.2	73
Angus	PINEBANK 97/11	1199001197	2017	2018	22	66.3	24	4.1	76	6.5	45	2.9	152
Angus	RENNYLEA K163	AUNORK163	2017	2018	26	66.5	16	4.2	71	5.9	147	3.3	66
Angus	RISSINGTON PREMIUM CUT C487	NZE14572015C487	2017	2018	18	66.4	23	4.0	118	5.9	137	3.1	91
Angus	SEVEN HILLS 129/14	NZE21159014129	2017	2017	32	64.8	160	4.3	45	6.5	54	3.4	36
Angus	STORTH OAKS ANGUS PRIME K5	NZE19507014K5	2017	2018	24	64.8	159	4.6	8	6.7	26	3.4	33
Angus	STORTH OAKS K122	NZE19507014K122	2017	2019	42	65.9	42	4.1	78	6.3	69	3.3	52
Angus	STORTH OAKS K134	NZE19507014K134	2017	2018	21	65.5	71	3.8	184	5.6	198	2.8	181
Angus	THOMAS UP RIVER 1614 (US)	AAA17091363	2017	2018	30	64.9	141	4.1	100	6.2	83	3.1	96
Angus	TURIHAUA MYTHOLOGY F236	17691010F236	2017	2018	20	64.9	137	4.0	135	6.0	126	3.0	138
Angus	VAR GENERATION 2100 (US)	AAA17171587	2017	2017	16	65.0	124	4.1	112	5.7	169	3.3	56
Angus	WAITAWHETA K44 AB	18938014K44	2017	2018	26	65.3	95	4.2	55	6.0	130	3.3	39
Angus	WR JOURNEY-1X74 (US)	AAA16924332	2017	2018	27	66.2	25	3.7	195	5.6	200	2.8	191
Charolais	BLELACK DIGGER	UKMBM0038543	2017	2018	17	65.8	46	3.5	228	5.0	236	2.4	228
Charolais	HEMINGFORD JERICO J95	803140095E	2017	2018	13	65.0	132	3.7	207	5.0	235	2.6	216
Charolais	SILVERSTREAM FRAMPTON F17	083100017E	2017	2018	13	65.9	44	3.5	225	5.4	219	2.4	231
Charolais	WHANANAKI APOLLO A78	484050078E	2017	2018	12	64.9	151	3.7	209	5.4	221	2.7	203
Hereford	ARDO ACHILLES 120	0277100120	2017	2018	18	65.1	117	4.1	87	6.4	65	2.8	177
Hereford	ARDO BISMARCK 4256	0277144256	2017	2018	21	64.9	145	3.8	171	6.1	109	2.9	146
Hereford	GRASSMERE GALANT 9	0200140009	2017	2018	24	65.0	130	3.8	182	6.1	105	2.8	175
Hereford	INJEMIRA ANZAC K220 (AUS)	IHSK220	2017	2017	17	65.0	128	3.9	160	5.6	193	2.8	179
Hereford	KOANUI TECHNO 3062	0216133062	2017	2018	21	64.8	156	3.7	205	6.0	134	2.8	180
Hereford	MATARIKI 140255	0281140255	2017	2018	22	64.6	173	4.1	97	6.3	71	2.9	148
Hereford	ORARI GORGE OLIGARCH 140025	0400140025	2017	2017	10	65.5	68	4.0	119	6.5	50	3.0	132
Hereford	SHF ALL STAR (US)	US43379326	2017	2018	18	65.8	48	3.8	181	5.6	183	3.1	113
Hereford	TE TAUMATA FOUNDATION 14684	0308140684	2017	2018	21	64.6	176	4.1	90	5.6	194	2.9	158
Hereford	TLELL 29F RED CEDAR 8N (CAN)	CA02826570	2017	2018	19	64.0	210	4.1	106	6.2	95	3.1	93
Minimum						61.2		3.1		4.7		2.2	
Average						65.1		4.0		6.1		3.0	
Maximum						68.1		5.1		7.6		4.2	

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238							
			First Year	Last Year	N	EMA (cm2)	EMA Rank	Rib Fat (mm)	Rib Fat Rank	Rump Fat (mm)	Rump Fat Rank	IMF (%)	IMF Rank
Simmental	GLENSIDE CRUMPY C4	1312AC0004	2017	2018	17	65.4	85	4.0	126	6.1	106	2.8	187
Simmental	GLENSIDE DUMP TRUCK D12	1312AD0012	2017	2018	15	65.4	86	3.8	192	5.6	181	2.9	167
Simmental	HOOKS BEACON 56B (US)	US2854180	2017	2018	14	64.8	157	4.1	115	5.7	174	3.3	49
Simmental	KERRAH CAPTAIN C400	1667AC0400	2017	2018	15	67.1	6	4.3	48	6.3	73	2.7	207
Simmental	LEAFLAND CAPTAIN C1	1614AC0001	2017	2018	17	65.0	135	3.7	196	5.8	167	3.0	134
Simmental	MR NLC UPGRADE U8676 (US)	US2474338	2017	2018	20	65.0	136	3.9	148	5.6	185	3.1	107
Simmental	RISSINGTON AD372 (ET)	0049AD0372	2017	2018	15	66.7	8	4.3	43	6.6	33	3.3	45
Simmental	RISSINGTON DESTINED AD8	0049AD0008	2017	2018	16	65.4	91	4.2	60	6.2	85	2.9	169
Simmental	WAIKITE ZACKARIAS AZ0176	1455AZ0176	2017	2018	18	65.7	59	3.5	233	5.7	171	2.8	190
Simmental	WS PRIME BEEF Z8 (US)	US2675742	2017	2018	14	65.4	89	3.8	190	5.4	217	2.8	189
Stabilizer	STABILIZER 140082	N/A	2017	2018	20	64.0	215	3.9	162	5.4	218	2.9	149
Stabilizer	STABILIZER 140850	N/A	2017	2019	28	63.9	219	4.1	85	5.7	175	3.2	82
Angus	ARDROSSAN HONOUR H255 (AUS)	AUNAQH255	2018	2019	22	65.5	70	4.4	24	6.1	117	3.3	43
Angus	BLUE MOUNTAIN BRILLIANZ O5	210530135	2018	2019	18	64.9	150	3.5	226	5.4	224	2.6	215
Angus	FOCUS GENETICS 163069	NZE194990163069	2018	2019	22	65.6	66	4.4	25	6.8	22	3.3	64
Angus	GRAMPIANS BUZZ L11	NZE21150015L11	2018	2018	17	64.5	187	4.6	11	6.5	56	3.3	38
Angus	KAKAHU 16159	NZE13300016159	2018	2019	21	65.0	131	3.8	178	6.1	118	2.9	143
Angus	LD CAPITALIST 316 (USA)	US17666102	2018	2018	24	65.0	133	4.0	134	6.4	66	3.3	57
Angus	LINTON 16042	NZE20305016042	2018	2018	30	64.3	198	4.3	44	6.1	107	3.3	68
Angus	MILLAH MURRAH LOCH UP L133 (AUS)	AUNMML133	2018	2019	20	64.7	168	3.7	213	5.6	195	3.0	129
Angus	PA FULL POWER 1208 (USA)	US16981588	2018	2019	27	65.5	72	4.4	32	6.7	25	3.4	24
Angus	QUAKER HILL MILE HIGH 4EX31 (USA)	USA18078212	2018	2019	27	65.1	122	4.5	15	6.5	48	3.3	62
Angus	REILAND HILARY H874 (AUS)	AUNLRH874	2018	2019	15	65.2	104	3.5	231	5.2	230	2.9	153
Angus	RISSINGTON 160136	NZE145720160136	2018	2019	18	65.5	78	4.0	120	5.5	203	3.1	114
Angus	RISSINGTON RESOLVED C116	NZE14572015C116	2018	2019	22	64.3	200	4.6	12	6.5	47	3.3	54
Angus	SEVEN HILLS 85/15	NZE21159015085	2018	2019	21	65.7	58	4.0	144	6.0	127	3.2	71
Angus	STORTH OAKS L94	NZE19507015L94	2018	2019	26	65.8	50	4.0	133	5.7	179	3.2	80
Angus	SYDGEN EXCEED 3223 (USA)	US17501893	2018	2019	31	63.4	231	3.8	179	5.8	158	3.0	126
Angus	TE MANIA 15380	NZE16932015380	2018	2019	16	64.8	162	4.2	72	6.3	79	3.0	122
Angus	TE MANIA MULLER 16305**	NZE16932016305	2018	2022	35	65.5	74	4.1	89	6.2	84	3.2	78
Angus	TOTARANUI 15151	NZE12922015151	2018	2018	19	64.7	163	3.7	201	5.9	138	2.9	168
Angus	TURIROA 16M013	15603016M013	2018	2019	14	64.6	174	3.8	174	5.9	151	3.1	109
Angus	WHENUAPAPA CRUMBLE 8-10	212110108	2018	2019	15	65.3	99	3.9	147	6.8	21	2.9	173
Minimum						61.2		3.1		4.7		2.2	
Average						65.1		4.0		6.1		3.0	
Maximum						68.1		5.1		7.6		4.2	

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238							
			First Year	Last Year	N	EMA (cm2)	EMA Rank	Rib Fat (mm)	Rib Fat Rank	Rump Fat (mm)	Rump Fat Rank	IMF (%)	IMF Rank
Charolais	HEMINGFORD ICONIC I9	803130009E	2018	2018	10	65.4	92	3.8	191	5.4	215	2.9	147
Charolais	PALGROVE XCEPT (AUS)	AUPKX488	2018	2019	11	64.9	144	3.4	236	5.1	231	2.4	230
Charolais	SILVERSTREAM LANDIS L179	083150179E	2018	2019	13	65.3	97	3.9	157	5.8	161	3.0	120
Charolais	SPARROWS BRAXTON 519C (USA)	PMC367500	2018	2019	18	65.5	75	3.7	204	5.5	212	2.7	195
Hereford	ARDO AJAX 5014**	0277155014	2018	2022	35	65.7	57	4.2	69	6.6	38	2.9	172
Hereford	CRAIGMORE IKE 140260	0169140260	2018	2019	19	64.9	154	3.8	186	6.1	113	2.7	199
Hereford	DAYS ROBIN HOOD H38 (AUS)	AUDAYH38	2018	2019	22	64.9	147	4.1	116	6.7	30	2.8	174
Hereford	GRASSMERE GALLANT 152	0200150152	2018	2019	29	64.3	197	3.9	164	6.2	87	2.6	210
Hereford	KOANUI LEGIT 6444**	0216166444	2018	2022	37	64.2	205	4.1	92	6.4	59	2.8	182
Hereford	LIMEHILLS STREAKER 150368**	0677150368	2018	2022	32	64.7	165	4.6	13	7.1	5	3.4	28
Hereford	OKAWA HOGAN 3156	0617130156	2018	2018	17	63.8	225	3.9	153	6.2	93	2.5	221
Hereford	ORARI GORGE PATTON 150051	0400150051	2018	2019	23	64.7	164	4.3	49	6.0	133	3.3	59
Hereford	ORARI GORGE QUANTUM 160091	0400160091	2018	2019	17	64.5	183	4.2	74	6.2	103	2.7	206
Hereford	WESTHOLM TRUST R 58	0421160058	2018	2019	20	64.9	152	3.8	185	5.6	196	2.7	202
Simmental	CCR COWBOY CUT 5048Z (USA)	US2703910	2018	2019	13	64.8	161	4.0	124	6.1	112	3.0	131
Simmental	JANEFIELD ED AE1	1671AE0001	2018	2019	13	64.5	179	3.5	229	5.6	188	2.3	234
Simmental	POTAWA ADMIRAL	1665AA0007	2018	2018	11	64.5	185	4.1	80	5.8	157	2.9	162
Simmental	RISSINGTON AA0809	0049AA0809	2018	2019	13	65.3	96	4.1	103	5.8	166	2.9	159
Simmental	RISSINGTON EXCEED AE203	0049AE0203	2018	2019	11	65.0	126	3.8	183	6.0	136	2.9	161
Simmental	WAIKITE AD2031	1455AD2031	2018	2019	10	65.1	114	4.0	132	5.9	144	2.7	200
Simmental	WAIKITE AY0097	1455AY0097	2018	2019	17	66.7	9	3.9	156	6.1	116	2.5	219
Simmental	WS RED MOON D76 (USA)	US3115609	2018	2019	18	64.6	178	3.9	168	6.2	102	3.3	58
Angus	CONNEALY LEGENDARY 644L (USA)	US18534952	2019	2020	18	64.4	193	4.0	117	5.5	208	3.1	98
Angus	KAKAHU LACHLAN 15095	NZE13300015095	2019	2020	29	64.5	188	3.9	150	6.2	100	3.2	86
Angus	LINTON 16107	NZE20305016107	2019	2020	19	64.7	166	4.0	128	5.4	214	3.3	69
Angus	RISSINGTON 17014	NZE14572017014	2019	2020	19	64.0	211	4.1	94	6.0	128	3.2	89
Angus	STORTH OAKS JOURNEY M31	NZE19507016M31	2019	2020	20	64.3	201	4.1	105	6.2	90	3.5	16
Angus	STORTH OAKS M10	NZE19507016M10	2019	2020	22	67.0	7	4.6	10	6.5	53	3.5	17
Angus	STORTH OAKS M119	NZE19507016M119	2019	2020	17	65.5	69	4.1	98	6.0	135	3.6	9
Angus	SYDGEN BLACK PEARL 2006 (USA)	US17236055	2019	2020	23	65.9	45	4.0	127	5.6	184	3.4	23
Angus	TE MANIA MATRIX 16018	NZE16932016018	2019	2020	16	65.6	65	4.1	81	6.3	78	3.3	51
Angus	WAITANGI M203**	NZE18954016M203	2019	2022	28	63.9	217	4.1	102	5.7	168	2.9	164
Angus	WAITANGI M214	NZE18954016M214	2019	2020	20	64.9	149	4.1	107	5.9	148	3.3	41
Minimum						61.2		3.1		4.7		2.2	
Average						65.1		4.0		6.1		3.0	
Maximum						68.1		5.1		7.6		4.2	

PROGENY BORN						Total Bulls = 238							
Breed	Bull Name	Animal ID	First Year	Last Year	N	EMA (cm2)	EMA Rank	Rib Fat (mm)	Rib Fat Rank	Rump Fat (mm)	Rump Fat Rank	IMF (%)	IMF Rank
Charolais	HEMINGFORD NEXT DIRECTION N64	803170064E	2019	2020	19	65.9	38	3.6	221	5.6	192	2.2	238
Charolais	KAKAHU GERRY 140506	001140506E	2019	2020	11	64.9	153	4.5	19	6.8	23	3.0	127
Charolais	SILVERSTREAM MANHATTEN M171	083160171D	2019	2020	15	65.3	100	3.6	215	4.8	237	2.4	223
Gelbvieh	GLADSTONE RED BARON PN19 ET (AI)	MCCPN19	2019	2020	10	65.1	116	4.0	143	5.9	145	3.1	94
Hereford	LIMEHILLS STARTER 160062	0677160062	2019	2020	30	64.8	155	4.2	70	6.2	96	2.7	204
Hereford	MATARIKI 110637**	0281110637	2019	2022	32	64.9	139	3.9	149	6.2	88	3.0	140
Hereford	MATARIKI J215	0281160215	2019	2020	33	63.8	224	4.1	111	6.3	72	2.4	233
Hereford	OKAWA STAMPER 160124	0617160124	2019	2020	36	64.5	184	3.6	218	5.8	159	2.6	214
Hereford	WIRRUNA MATTY M288 (AUS)**	WNAM288	2019	2022	40	63.3	234	4.2	61	6.4	64	3.3	67
Limousin	MANGATARA 335L	N/A	2019	2020	19	63.9	220	3.7	203	5.6	182	2.7	196
Limousin	MANGATARA JOOL	N/A	2019	2020	16	64.0	214	4.0	139	6.4	63	3.1	103
Shorthorn	ORENA BALANCE 15012	209315012	2019	2020	11	63.8	222	4.0	145	6.2	91	3.6	14
Simmental	GLEN ANTHONY AE12	0299AE0012	2019	2020	29	65.4	88	3.8	176	6.2	98	2.2	237
Simmental	GLENSIDE FRONTIER F19	1312AF0019	2019	2020	24	66.4	20	3.7	197	6.1	115	2.6	213
Simmental	HOOKS DELEGATE 64D (USA)	US3132798	2019	2020	31	64.6	177	3.9	151	5.3	227	3.1	102
Simmental	KERRAH EPIC E303	1667AE0303	2019	2020	29	66.1	27	4.1	88	6.2	94	3.0	133
Simmental	OWHATA AE7	1689AE0007	2019	2020	16	65.2	109	3.6	216	5.1	233	2.8	184
Simmental	RISSINGTON AF184	0049AF0184	2019	2020	23	64.0	212	3.7	212	5.6	180	2.6	212
Simmental	RISSINGTON AF44	0049AF0044	2019	2020	25	63.9	216	3.9	167	6.0	124	3.4	27
Simmental	WAIKITE AE2009	1455AE2009	2019	2020	14	66.4	18	3.6	220	5.2	229	3.0	139
South Devon	BURTERGILL HENRY 1105	VAN11005PZ	2019	2020	17	65.1	121	3.8	180	5.7	176	3.0	142
Stabilizer	STABILIZER 165287	N/A	2019	2020	27	65.4	83	4.3	40	5.9	141	3.1	108
Stabilizer	STABILIZER 165292	N/A	2019	2020	33	64.8	158	4.4	36	7.0	11	3.1	92
Stabilizer	STABILIZER 16S38	N/A	2019	2020	12	65.2	110	4.1	114	5.8	154	3.2	83
Minimum						61.2		3.1		4.7		2.2	
Average						65.1		4.0		6.1		3.0	
Maximum						68.1		5.1		7.6		4.2	

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238							
			First Year	Last Year	N	EMA (cm2)	EMA Rank	Rib Fat (mm)	Rib Fat Rank	Rump Fat (mm)	Rump Fat Rank	IMF (%)	IMF Rank
Angus	CLUNES CROSSING DUSTY M13 (AI) (IMP AUS)	AUQMUM13	2020	2020	21	64.4	189	3.9	152	5.7	178	3.1	104
Angus	FOCUS 173075 (P)	NZE194990173075	2020	2023	59	65.5	79	4.3	37	6.7	29	3.3	55
Angus	LINTON 17070 (P)**	NZE20305017070	2020	2022	32	65.4	81	4.1	95	6.5	51	3.4	34
Angus	RISSINGTON SURE FIRE P399**	NZE145720180399	2020	2021	33	64.1	209	3.7	211	5.5	211	3.1	99
Hereford	CAPETHORNE 1617**	0065160017	2020	2021	33	65.7	52	4.3	51	7.1	6	3.2	77
Hereford	FOULDEN HILL FLAME 11 0155	1731110155	2020	2020	20	65.3	98	4.1	108	6.3	80	2.6	217
Hereford	GLENBRAE NIGHTRIDER 1761	0730170061	2020	2020	27	64.4	191	4.3	42	6.6	39	2.9	150
Hereford	LIMEHILLS ANZAC 170279	0677170279	2020	2020	29	65.0	127	4.5	21	6.6	36	2.7	192
Hereford	OTAPAWA VOODOO 7007	0347177007	2020	2020	26	62.9	235	4.3	52	6.5	57	2.8	176
Simmental	GLENSIDE G2	1312180002	2020	2020	21	66.1	30	4.5	18	6.9	18	3.3	46
Simmental	KERRAH FUNDAMENTAL F509	1667AF0509	2020	2020	31	65.6	61	3.7	210	5.4	216	2.6	208
Simmental	RISSINGTON 180061	0049180061	2020	2020	12	64.3	194	3.9	161	5.8	155	2.9	157
Angus	RISSINGTON ACCELERATE 17002**	NZE14572017002	2021	2022	12	65.2	101	4.1	84	5.8	160	3.5	21
Angus	TE MANIA 16360**	NZE16932016360	2021	2022	10	65.2	107	4.2	59	5.7	172	3.1	101
Angus	HALLMARK STIRLING Q016	21224019Q016	2022	2023	29	64.3	196	4.0	136	6.2	86	3.2	79
Angus	STOKMAN REAL DEAL N247	NZE21043017N247	2022	2023	21	65.1	123	3.9	155	5.5	201	3.4	35
Angus	STORTH OAKS Q125	NZE19507019Q125	2022	2023	24	65.0	125	4.4	34	6.4	68	3.2	74
Hereford	KCF BENNETT RESOLVE G595	US44105347	2022	2023	16	64.9	143	4.1	109	6.1	119	3.1	95
Hereford	KOANUI MAJOR P469	0216180469	2022	2023	27	63.7	226	4.0	122	6.6	32	2.8	188
Hereford	MONYMUSK OUTBACK 190061	0272190061	2022	2023	30	64.1	208	4.1	93	6.6	40	2.7	205
Hereford	OKAWA SARACEN 7036	0617170036	2022	2023	27	65.2	105	4.4	22	7.0	10	2.9	171
Hereford	ORARI GORGE TARZAN 190091	0400190091	2022	2023	29	64.7	167	4.0	137	6.4	62	2.9	170
Minimum						61.2		3.1		4.7		2.2	
Average						65.1		4.0		6.1		3.0	
Maximum						68.1		5.1		7.6		4.2	

** Indicates 2020 link sires used for the first mating 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 are Cohort 2 sires (2021 mating) at Kepler Farm.

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

Results

Table Three: Summary of adjusted progeny averages for carcass quality traits (processing data).

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238									
			First Year	Last Year	N	CCS Weight (kg)	Rank	Dressing (%)	Rank	Marbling	Rank	Ossification	Rank	Fat Depth (mm)	Rank
Angus	CONNELLY REVENUE 7392	US17220531	2015	2016	22	318.1	15	54.2	78	391.2	12	145.5	138	7.8	2
Angus	EF COMPLEMENT 8088	US16198796	2015	2016	19	316.0	32	54.3	41	369.7	84	144.3	55	6.0	129
Angus	FOSSIL CREEK HERO H006	NZE18681012006	2015	2015	22	312.0	104	54.4	22	371.2	77	144.6	73	6.7	15
Angus	G A R MOMENTUM	US17354145	2015	2016	17	314.3	54	54.5	13	380.0	44	147.8	232	6.4	49
Angus	GLANWORTH WAIGROUP 1213	1215401213	2015	2015	22	310.2	152	54.0	116	372.4	71	148.3	235	6.3	66
Angus	HPCA INTENSITY	US17366506	2015	2016	21	309.7	166	54.0	121	333.8	225	144.7	86	5.2	236
Angus	LINTON 13007	NZE20305013007	2015	2015	17	315.7	37	54.4	26	370.6	79	146.5	188	5.6	212
Angus	MATAURI OUTLIER F031	14647010F031	2015	2016	32	320.7	5	53.8	178	359.4	136	143.7	35	5.7	188
Angus	MATAURI REALITY 839	14647008839	2015	2016	25	310.4	148	54.1	92	362.0	121	144.6	78	7.3	6
Angus	NGAPUTAHU EUREKA E38	NZE21095009E38	2015	2016	24	312.0	102	54.6	6	368.6	87	147.0	211	5.4	229
Angus	PA SAFEGUARD 121	US16772185	2015	2017	37	318.3	13	54.4	31	417.6	1	146.5	192	6.0	113
Angus	PINEBANK 64/10	1199001064	2015	2016	21	308.1	198	54.1	112	375.6	53	147.3	225	7.4	5
Angus	RENNYLEA EDMUND E11	AUNORE11	2015	2016	27	314.1	60	53.8	165	399.3	5	146.8	201	7.9	1
Angus	RISSINGTON 135057	NZE145720135057	2015	2015	21	311.9	108	54.0	124	413.9	2	145.0	110	6.6	25
Angus	RISSINGTON 135262 (ET)	NZE145720135262	2015	2015	22	314.5	50	54.3	53	373.3	64	146.0	161	6.4	40
Angus	RISSINGTON ANALYST 135252 (ET)	NZE145720135252	2015	2015	27	313.6	68	54.0	118	359.7	135	143.1	17	6.3	58
Angus	RISSINGTON PROMINENT 100104	NZE145720100104	2015	2015	22	311.8	109	53.8	171	357.4	145	144.0	42	5.5	223
Angus	RISSINGTON RESOLUTE 120992 (ET)	NZE145720120992	2015	2015	13	314.7	47	54.3	44	390.4	16	147.0	212	7.5	4
Angus	S A V BRUISER 9164 (US)	US16396531	2015	2016	17	308.7	187	53.3	234	342.1	208	145.9	158	5.1	238
Angus	STORTH OAKS H114	NZE19507012H114	2015	2016	30	315.1	40	54.5	19	380.3	37	142.8	7	6.0	112
Angus	STORTH OAKS H2	NZE19507012H2	2015	2016	28	309.6	168	53.7	206	392.4	9	145.6	141	5.9	157
Angus	STORTH OAKS H41	NZE19507012H41	2015	2015	17	316.0	31	54.1	111	356.0	148	146.7	198	6.1	93
Angus	TANGIHUA KAINO H29	16883012H29	2015	2016	27	314.1	58	54.5	17	368.4	89	146.3	181	7.7	3
Angus	TE MANIA 11 553	NZE16932011553	2015	2016	24	311.9	107	54.1	91	359.4	137	146.2	174	6.2	74
Angus	TOTARANUI 238 (ET)	NZE12922011238	2015	2016	27	317.9	16	54.2	68	374.6	59	146.6	193	5.9	136
Angus	TURIHAUA CRUMP E5	17691009E5	2015	2016	25	310.0	155	53.8	186	383.7	25	144.0	39	6.2	85
Angus	TURIHAUA LIBERATION	17691007C27	2015	2015	34	309.8	162	53.6	218	375.7	52	145.7	149	5.4	230
Minimum						301.4		52.8		321.1		141.1		5.1	
Average						311.6		54.0		362.5		145.3		6.1	
Maximum						326.3		55.0		417.6		149.9		7.9	

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238									
			First Year	Last Year	N	CCS Weight (kg)	Rank	Dressing (%)	Rank	Marbling	Rank	Ossification	Rank	Fat Depth (mm)	Rank
Hereford	BEECHWOOD TURK	0051100094	2015	2015	12	312.9	86	54.0	119	349.2	182	146.6	196	5.5	219
Hereford	BLUESTONE 120061	1683120061	2015	2016	31	307.6	204	54.1	88	364.0	111	143.3	25	6.1	103
Hereford	KOANUI ROCKET 0219	0216000219	2015	2016	21	311.8	113	54.1	96	360.8	130	146.2	179	6.1	92
Hereford	MATARIKI HOLY SMOKE	0281070390	2015	2016	14	313.9	62	54.6	7	355.2	152	146.2	178	6.3	53
Hereford	NITHDALE ELVIS 040021	0400040021	2015	2016	14	316.4	28	53.7	203	355.8	149	146.0	163	6.4	45
Hereford	OKAWA DAVIS 7046	0617070046	2015	2015	20	311.0	131	53.8	163	369.3	86	145.1	112	5.9	152
Hereford	OKAWA MARSHALL 0109	0617100109	2015	2016	15	311.0	132	53.4	225	365.6	102	144.9	95	6.2	80
Hereford	OTAPAWA SPARK 3060	0347033060	2015	2015	27	315.9	34	53.7	197	360.5	132	143.7	32	5.7	198
Hereford	WAIKAKA TURNING POINT 110015	0328110015	2015	2016	14	306.3	217	54.2	72	361.6	123	145.0	108	5.5	218
Hereford	WIRRUNA DAFFY D1 (IMP AUS)	AUWNAD1	2015	2016	22	306.1	219	54.3	56	345.3	198	144.6	81	5.6	202
Simmental	GLEN ANTHONY Y-ARTA AY02 (ET)	0299AY0002	2015	2016	12	312.0	105	53.9	145	350.6	175	146.1	171	5.7	189
Simmental	GLENSIDE ATOMIC A5	1312AA0005	2015	2015	12	315.4	38	54.3	55	382.1	31	145.2	121	6.3	63
Simmental	KERRAH A456	1667AA0456	2015	2016	15	319.7	8	54.2	61	374.7	58	144.8	91	6.5	28
Simmental	KERRAH XFACTOR AX187 (ET)	1667AX0187	2015	2016	12	313.3	78	54.0	127	353.1	163	146.2	177	5.7	193
Simmental	KERRAH YES SIR AY393	1667AY0393	2015	2016	15	308.9	184	54.4	23	355.1	154	147.2	221	5.3	233
Simmental	RISSINGTON AB5185	0049AB5185	2015	2016	10	320.9	4	53.8	182	369.8	83	148.0	233	6.4	37
Simmental	RISSINGTON NEW STANDARD AU158	0049AU0158	2015	2015	15	326.3	1	53.9	154	383.4	26	146.9	205	6.2	82
Simmental	TOKAWEKA HANDSOME AH801	0079AH0801	2015	2015	15	317.6	18	54.4	38	360.0	134	146.5	190	5.7	184
Simmental	WAIKITE AA2036	1455AA2036	2015	2016	11	317.1	22	54.3	57	347.9	186	147.6	229	5.3	232
Stabilizer	FOCUS TRINITY 135263	N/A	2015	2016	18	310.0	156	54.2	66	353.6	162	146.3	182	7.2	7
Angus	DEER VALLEY ALL IN (US)	US17307074	2016	2017	28	321.4	3	54.5	18	380.4	36	146.1	173	6.4	42
Angus	FOCUS 131511	NZE194730131511	2016	2017	21	311.2	128	54.4	24	362.8	117	143.2	20	6.0	134
Angus	FOCUS 131539	NZE194730131539	2016	2017	24	312.9	85	54.2	63	395.3	7	145.2	119	5.9	140
Angus	FOCUS 143143	NZE194990143143	2016	2017	24	310.5	141	53.8	175	353.6	161	143.5	29	6.5	30
Angus	KAKAHU BOND 13007	NZE13300013007	2016	2022	31	317.3	21	54.2	69	361.4	125	146.9	206	5.8	167
Angus	KAKAHU JUBILANT 13054	NZE13300013054	2016	2017	22	318.5	11	54.1	106	380.1	41	146.4	185	6.6	21
Angus	LINTON 13543	NZE20305013543	2016	2017	18	311.5	118	54.2	64	360.7	131	143.9	38	6.3	64
Angus	MEADOWSLEA F540	19134010540	2016	2019	21	310.9	134	53.8	189	367.3	96	145.2	118	6.6	23
Angus	MT MABLE FAT BOY 373	12188006373	2016	2017	23	309.0	179	54.1	103	340.7	212	143.0	12	5.5	214
Angus	STORTH OAKS EVEREST J20	NZE19507013J20	2016	2017	33	315.8	36	53.7	201	362.1	120	147.1	218	6.9	11
Angus	STORTH OAKS J29	NZE19507013J29	2016	2017	43	311.8	110	53.7	207	382.0	32	147.3	224	6.6	18
Angus	STORTH OAKS JACK J7	NZE19507013J7	2016	2018	31	311.6	116	52.8	238	367.4	95	144.2	49	5.5	215
Angus	TE MANIA GARTH G67	VTMG67	2016	2016	25	317.4	20	53.7	209	357.0	146	145.1	115	7.0	10
Angus	TE MANIA JONAH 13588	NZE16932013588	2016	2017	29	309.7	165	53.0	236	347.3	189	143.7	33	6.1	100
Angus	TURIHAUA SIR CRUMBLE E222	17691009E222	2016	2017	29	312.2	100	53.8	176	333.7	227	144.2	50	5.5	216
Angus	TUWHARETOA REGENT D145 (AUS)	AUBNAD145	2016	2018	45	318.2	14	54.4	21	411.1	4	146.9	207	7.1	8
Angus	VAR RESERVE 1111 (US)	US16916944	2016	2017	18	314.6	49	54.1	85	361.2	126	145.0	102	6.1	91
Angus	WAITANGI D213	NZE18954008D213	2016	2017	24	311.5	120	53.7	191	350.6	176	145.0	106	6.0	111
Angus	WHANGARA 12323	NZE13649012323	2016	2017	25	323.2	2	54.4	27	367.6	94	145.3	127	5.8	170
Minimum						306.1		52.8		333.7		142.8		5.1	
Average						313.7		54.0		367.6		145.5		6.2	
Maximum						326.3		54.6		417.6		148.3		7.9	

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238									
			First Year	Last Year	N	CCS Weight (kg)	Rank	Dressing (%)	Rank	Marbling	Rank	Ossification	Rank	Fat Depth (mm)	Rank
Charolais	CENTREWOOD 130516	001130516E	2016	2017	14	305.5	227	53.8	184	391.6	11	145.4	131	5.6	200
Charolais	KAITOKE COMMODORE C22	471070022E	2016	2017	12	311.5	119	53.8	185	363.3	115	145.6	143	5.9	153
Charolais	SILVERSTREAM GEDDES G102	083110102D	2016	2017	13	311.7	114	54.2	83	364.1	110	144.3	56	5.8	176
Hereford	ARDO FARGO 1154	0277111154	2016	2018	29	308.7	189	53.9	159	343.4	203	144.5	71	5.7	190
Hereford	COLRAINE CODE WORD 13 139	1660130139	2016	2018	17	307.2	209	53.0	237	364.2	109	143.5	31	6.2	75
Hereford	EFBEEF U208 FORTUNE Y848 (US)	US43187500	2016	2017	25	306.7	214	54.1	90	361.0	129	146.1	168	5.4	227
Hereford	GRASSMERE SPARK 555	0200080555	2016	2017	19	312.3	97	53.5	222	368.4	90	147.0	214	6.3	52
Hereford	KOANUI CHIEFLY 2510	0216122510	2016	2018	16	314.3	53	54.0	136	368.2	91	146.6	194	6.4	48
Hereford	KOANUI UNANIMOUS 0408	0216100408	2016	2018	12	309.7	164	53.6	213	342.4	207	145.5	136	6.4	36
Hereford	LIMEHILLS STAMPER 120719	0677120719	2016	2017	18	311.1	129	54.3	40	350.0	178	142.5	3	6.2	73
Hereford	MONYMUSK GALLANT	0272110089	2016	2017	11	309.2	175	53.8	166	335.7	221	145.1	114	5.8	163
Hereford	OKAWA MAJOR 2008	0617120008	2016	2017	16	308.7	186	53.4	226	349.1	184	144.7	85	5.5	220
Hereford	ORARI GORGE MISCHIEF 120083	0400120083	2016	2022	31	310.4	144	53.3	232	337.8	220	149.3	237	6.4	47
Hereford	WIRRUNA ECHUCA (AUS)	AUWNAE99	2016	2018	26	312.2	98	54.0	129	374.7	57	144.7	84	6.1	108
Simmental	GLENSIDE CATALYST C23	1312AC0023	2016	2016	14	309.9	160	54.6	8	349.2	181	145.1	113	5.6	208
Simmental	HOOKS YELLOWSTONE 97Y (US)	US2612546	2016	2016	15	318.8	10	54.3	46	353.9	159	144.6	80	6.1	104
Simmental	KERRAH AX49	1667AX0049	2016	2017	12	305.1	230	54.1	86	361.5	124	146.9	209	5.2	237
Simmental	KERRAH BANDWAGON B306	1667AB0306	2016	2016	14	309.4	170	54.0	128	380.1	40	144.1	45	6.0	130
Simmental	KERRAH BANKER B464	1667BB0464	2016	2017	14	307.3	207	53.5	223	365.3	103	147.0	213	6.1	110
Simmental	RISSINGTON AC244	0049AC0244	2016	2016	10	313.1	82	53.8	170	380.0	42	144.5	67	6.1	94
Simmental	RIVERBEND TAMARACK 60N PF (CAN)	CA618651	2016	2017	12	315.0	43	54.3	51	366.9	98	146.4	183	6.1	105
Simmental	WAIKITE AB2038	1455AB2038	2016	2017	14	310.8	136	54.1	97	326.3	234	144.4	61	5.8	174
Simmental	WAIKITE AC2016	1455AC2016	2016	2018	11	313.1	83	53.8	177	366.2	100	144.0	40	6.3	55
Simmental	WAIKITE AMPLE AA2241	1455AA2241	2016	2017	14	308.5	193	54.3	48	351.8	168	144.9	99	5.9	151
Stabilizer	FOCUS BIG GENE 121292	N/A	2016	2019	41	312.5	94	54.4	37	350.9	173	145.4	132	6.6	22
Angus	BRAVEHEART OF STERN	1217000784	2017	2018	21	316.3	29	54.4	36	376.7	49	146.1	172	6.0	120
Angus	EARNSCLEUGH TUSOCK 144307	210130144307	2017	2018	21	317.4	19	54.2	70	380.3	38	146.7	199	6.0	122
Angus	EMBLAZON 999 (US)	US16665803	2017	2018	20	309.5	169	53.9	158	347.9	187	146.8	200	6.0	121
Angus	GLANWORTH WAIGROUP 14163	12154014163	2017	2018	27	310.9	133	53.9	138	354.4	157	146.8	203	5.9	137
Angus	GRAMPIANS LOTTERY K13	NZE21150014K13	2017	2018	21	301.4	238	53.9	148	324.4	236	144.8	92	5.7	192
Minimum						301.4		52.8		321.1		141.1		5.1	
Average						311.6		54.0		362.5		145.3		6.1	
Maximum						326.3		55.0		417.6		149.9		7.9	

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238										
			First Year	Last Year	N	CCS Weight (kg)	Rank	Dressing (%)	Rank	Marbling	Rank	Ossification	Rank	Fat Depth (mm)	Rank	
Angus	H P C A PROCEED (US)	US16956101	2017	2017	34	310.0	157	53.5	224	390.9	13	147.2	219	5.8	177	
Angus	KAKAHU 14003	NZE13300014D003	2017	2018	23	317.7	17	54.0	131	372.6	69	146.4	184	6.8	13	
Angus	LINTON 15077	NZE20305015077	2017	2018	17	313.4	72	54.1	109	358.6	140	145.3	126	5.7	181	
Angus	PATHFINDER GENESIS G357 (AUS)	SMPG357	2017	2017	45	316.4	27	53.9	146	346.3	193	144.9	100	6.3	54	
Angus	PINEBANK 97/11	1199001197	2017	2018	22	308.4	194	53.4	230	321.1	238	144.6	76	6.0	119	
Angus	RENNYLEA K163	AUNORK163	2017	2018	26	311.4	123	53.9	157	370.2	81	144.5	70	6.2	87	
Angus	RISSINGTON PREMIUM CUT C487	NZE14572015C487	2017	2018	18	313.9	63	54.1	104	357.0	147	145.0	105	5.5	222	
Angus	SEVEN HILLS 129/14	NZE21159014129	2017	2017	32	311.4	122	54.5	14	383.1	27	144.3	58	7.0	9	
Angus	STORTH OAKS ANGUS PRIME K5	NZE19507014K5	2017	2018	24	309.9	158	54.2	60	390.3	17	145.8	153	6.6	24	
Angus	STORTH OAKS K122	NZE19507014K122	2017	2019	42	309.1	177	54.0	133	371.9	74	144.7	87	5.8	178	
Angus	STORTH OAKS K134	NZE19507014K134	2017	2018	21	315.8	35	54.2	67	355.4	151	144.2	51	6.0	116	
Angus	THOMAS UP RIVER 1614 (US)	AAA 17091363	2017	2018	30	315.0	42	54.5	16	381.2	35	145.2	117	6.3	51	
Angus	TURIHAUA MYTHOLOGY F236	17691010F236	2017	2018	20	314.1	59	53.6	220	351.7	169	144.2	48	5.9	150	
Angus	VAR GENERATION 2100 (US)	AAA 17171587	2017	2017	16	310.6	140	53.9	151	382.2	30	147.0	210	5.9	139	
Angus	WAITAWHETA K44 AB	18938014K44	2017	2018	26	319.9	6	54.0	130	391.8	10	146.1	167	6.2	77	
Angus	WR JOURNEY-1X74 (US)	AAA 16924332	2017	2018	27	313.2	79	54.2	65	376.1	50	144.5	64	6.1	89	
Charolais	BLELACK DIGGER	UKMBM0038543	2017	2018	17	316.0	33	55.0	2	326.4	232	143.3	23	5.2	235	
Charolais	HEMINGFORD JERICO J95	803140095E	2017	2018	13	313.0	84	54.1	105	343.0	204	143.2	19	5.8	173	
Charolais	SILVERSTREAM FRAMPTON F17	083100017E	2017	2018	13	311.4	121	53.9	147	332.3	231	143.7	36	5.3	234	
Charolais	WHANANAKI APOLLO A78	484050078E	2017	2018	12	306.7	213	54.2	79	358.3	141	143.3	22	5.9	155	
Hereford	ARDO ACHILLES 120	0277100120	2017	2018	18	306.3	216	54.1	89	354.6	155	145.7	150	6.0	115	
Hereford	ARDO BISMARCK 4256	0277144256	2017	2018	21	306.2	218	53.8	179	369.5	85	142.5	2	6.2	86	
Hereford	GRASSMERE GALANT 9	0200140009	2017	2018	24	313.5	70	54.2	74	351.9	167	143.2	18	6.5	32	
Hereford	INJEMIRA ANZAC K220 (AUS)	IHSK220	2017	2017	17	309.0	180	53.8	162	347.7	188	146.6	195	5.7	196	
Hereford	KOANUI TECHNO 3062	0216133062	2017	2018	21	308.6	190	53.8	173	364.8	105	144.5	65	5.5	224	
Hereford	MATARIKI 140255	0281140255	2017	2018	22	304.9	231	53.9	153	351.5	170	144.9	97	5.4	228	
Hereford	ORARI GORGE OLIGARCH 140025	0400140025	2017	2017	10	314.4	52	53.7	204	355.5	150	142.9	11	5.8	162	
Hereford	SHF ALL STAR (US)	US43379326	2017	2018	18	308.3	196	53.8	164	370.4	80	145.7	151	5.4	226	
Hereford	TE TAUMATA FOUNDATION 14684	0308140684	2017	2018	21	313.7	64	54.1	113	357.6	143	145.6	142	5.9	154	
Hereford	TLELL 29F RED CEDAR 8N (CAN)	CA02826570	2017	2018	19	308.7	188	54.1	114	360.3	133	144.6	74	6.6	17	
						Minimum	301.4		52.8		321.1		141.1		5.1	
						Average	311.6		54.0		362.5		145.3		6.1	
						Maximum	326.3		55.0		417.6		149.9		7.9	

		PROGENY BORN				Total Bulls = 238									
Breed	Bull Name	Animal ID	First Year	Last Year	N	CCS Weight (kg)	Rank	Dressing (%)	Rank	Marbling	Rank	Ossification	Rank	Fat Depth (mm)	Rank
Simmental	GLENSIDE CRUMPY C4	1312AC0004	2017	2018	17	310.3	150	53.7	193	387.2	19	146.0	162	5.8	168
Simmental	GLENSIDE DUMP TRUCK D12	1312AD0012	2017	2018	15	310.8	137	54.1	98	357.4	144	147.7	230	6.4	38
Simmental	HOOKS BEACON 56B (US)	US2854180	2017	2018	14	305.4	228	53.8	168	411.2	3	149.9	238	6.6	26
Simmental	KERRAH CAPTAIN C400	1667AC0400	2017	2018	15	311.3	125	54.2	73	373.7	63	145.7	147	5.9	148
Simmental	LEAFLAND CAPTAIN C1	1614AC0001	2017	2018	17	313.3	76	53.4	229	355.2	153	143.3	21	5.7	185
Simmental	MR NLC UPGRADE U8676 (US)	US2474338	2017	2018	20	312.7	91	54.4	34	375.2	55	146.5	189	5.9	146
Simmental	RISSINGTON AD372 (ET)	0049AD0372	2017	2018	15	314.1	57	54.0	132	354.4	158	145.8	154	6.3	57
Simmental	RISSINGTON DESTINED AD8	0049AD0008	2017	2018	16	311.3	124	54.1	102	381.9	33	142.6	5	6.1	90
Simmental	WAIKITE ZACKARIAS AZ0176	1455AZ0176	2017	2018	18	312.7	89	53.7	208	363.9	112	144.0	41	5.6	206
Simmental	WS PRIME BEEF Z8 (US)	US2675742	2017	2018	14	308.0	200	54.5	12	340.4	213	144.1	44	5.9	141
Stabilizer	STABILIZER 140082	N/A	2017	2018	20	302.1	236	53.4	228	351.3	171	144.5	68	5.6	207
Stabilizer	STABILIZER 140850	N/A	2017	2019	28	305.8	223	54.4	30	363.0	116	143.3	26	6.3	50
Angus	ARDROSSAN HONOUR H255 (AUS)	AUNAQH255	2018	2019	22	311.3	127	53.8	187	371.6	75	146.1	169	6.7	14
Angus	BLUE MOUNTAIN BRILLIANZ O5	210530135	2018	2019	18	311.1	130	54.2	76	345.4	197	145.6	144	5.6	201
Angus	FOCUS GENETICS 163069	NZE194990163069	2018	2019	22	314.6	48	54.3	43	364.2	108	145.7	146	6.3	70
Angus	GRAMPIANS BUZZ L11	NZE21150015111	2018	2018	17	307.8	201	53.8	172	375.4	54	144.9	98	5.9	144
Angus	KAKAHU 16159	NZE13300016159	2018	2019	21	312.7	92	54.4	32	390.6	15	145.8	152	5.9	156
Angus	LD CAPITALIST 316 (USA)	US17666102	2018	2018	24	312.6	93	54.1	108	342.7	205	145.3	125	6.4	35
Angus	LINTON 16042	NZE20305016042	2018	2018	30	310.8	138	53.5	221	358.8	139	146.9	208	5.7	197
Angus	MILLAH MURRAH LOCH UP L133 (AUS)	AUNMML133	2018	2019	20	314.0	61	53.9	155	376.9	46	144.3	54	5.8	169
Angus	PA FULL POWER 1208 (USA)	US16981588	2018	2019	27	313.4	74	55.0	1	390.7	14	144.4	63	6.4	46
Angus	QUAKER HILL MILE HIGH 4EX31 (USA)	USA18078212	2018	2019	27	314.4	51	54.0	125	372.7	68	145.6	140	6.1	99
Angus	REILAND HILARY H874 (AUS)	AUNLRH874	2018	2019	15	316.1	30	53.7	200	368.1	92	146.8	202	5.8	164
Angus	RISSINGTON 160136	NZE145720160136	2018	2019	18	316.9	24	54.4	29	371.1	78	147.2	220	5.8	165
Angus	RISSINGTON RESOLVED C116	NZE14572015C116	2018	2019	22	309.2	176	53.8	169	374.7	56	147.1	217	6.4	41
Angus	SEVEN HILLS 85/15	NZE21159015085	2018	2019	21	309.3	174	54.3	58	388.2	18	143.9	37	5.7	194
Angus	STORTH OAKS L94	NZE19507015L94	2018	2019	26	319.8	7	54.4	28	382.9	29	145.0	104	5.8	171
Angus	SYDGEN EXCEED 3223 (USA)	US17501893	2018	2019	31	308.0	199	54.1	87	394.0	8	147.5	228	6.2	79
Angus	TE MANIA 15380	NZE16932015380	2018	2019	16	315.1	39	53.8	188	361.7	122	146.5	191	5.9	142
Angus	TE MANIA MULLER 16305**	NZE16932016305	2018	2022	35	311.9	106	53.1	235	349.9	180	144.3	53	6.5	27
Angus	TOTARANUI 15151	NZE12922015151	2018	2018	19	313.3	77	54.1	101	371.2	76	144.5	66	6.2	78
Angus	TURIROA 16M013	15603016M013	2018	2019	14	310.4	145	53.9	150	347.0	190	144.9	94	5.6	211
Angus	WHENUAPAPA CRUMBLE 8-10	212110108	2018	2019	15	312.4	95	54.3	59	354.6	156	145.7	145	6.3	69
						Minimum	301.4	52.8		321.1		141.1		5.1	
						Average	311.6	54.0		362.5		145.3		6.1	
						Maximum	326.3	55.0		417.6		149.9		7.9	

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238									
			First Year	Last Year	N	CCS Weight (kg)	Rank	Dressing (%)	Rank	Marbling	Rank	Ossification	Rank	Fat Depth (mm)	Rank
Charolais	HEMINGFORD ICONIC I9	803130009E	2018	2018	10	317.0	23	54.5	20	332.8	230	144.8	90	5.7	187
Charolais	PALGROVE XCEPT (AUS)	AUPKX488	2018	2019	11	310.2	153	54.3	45	325.0	235	142.6	4	5.7	182
Charolais	SILVERSTREAM LANDIS L179	083150179E	2018	2019	13	314.2	56	54.8	4	333.7	226	148.3	236	6.1	98
Charolais	SPARROWS BRAXTON 519C (USA)	PMC367500	2018	2019	18	311.6	117	54.4	35	349.0	185	143.4	27	6.0	133
Hereford	ARDO AJAX 5014**	0277155014	2018	2022	35	304.2	232	54.3	47	343.7	201	144.4	60	6.1	95
Hereford	CRAIGMORE IKE 140260	0169140260	2018	2019	19	309.0	181	54.0	117	332.9	229	143.7	34	6.3	65
Hereford	DAYS ROBIN HOOD H38 (AUS)	AUDAYH38	2018	2019	22	306.0	220	53.9	137	345.9	195	145.4	129	5.5	221
Hereford	GRASSMERE GALLANT 152	0200150152	2018	2019	29	313.4	75	53.9	160	341.5	210	145.8	155	5.8	172
Hereford	KOANUI LEGIT 6444**	0216166444	2018	2022	37	304.1	233	53.3	233	352.8	165	145.4	134	5.7	183
Hereford	LIMEHILLS STREAKER 150368**	0677150368	2018	2022	32	310.4	147	53.8	161	361.0	128	146.0	160	6.2	81
Hereford	OKAWA HOGAN 3156	0617130156	2018	2018	17	309.3	173	53.6	217	364.3	107	145.3	128	6.0	114
Hereford	ORARI GORGE PATTON 150051	0400150051	2018	2019	23	306.4	215	53.8	183	369.8	82	142.8	8	6.5	31
Hereford	ORARI GORGE QUANTUM 160091	0400160091	2018	2019	17	307.3	208	53.7	192	365.1	104	145.8	156	6.1	109
Hereford	WESTHOLM TRUST R 58	0421160058	2018	2019	20	311.7	115	54.3	52	338.5	217	143.0	13	5.7	186
Simmental	CCR COWBOY CUT 5048Z (USA)	US2703910	2018	2019	13	305.9	222	53.7	211	365.6	101	144.2	52	5.9	160
Simmental	JANEFIELD ED AE1	1671AE0001	2018	2019	13	310.2	154	54.0	123	352.4	166	146.0	164	5.9	145
Simmental	POTAWA ADMIRAL	1665AA0007	2018	2018	11	307.6	202	53.7	196	334.3	224	144.7	83	6.7	16
Simmental	RISSINGTON AA0809	0049AA0809	2018	2019	13	307.6	203	53.6	214	357.8	142	144.3	57	5.4	225
Simmental	RISSINGTON EXCEED AE203	0049AE0203	2018	2019	11	307.0	210	54.0	122	346.1	194	145.9	159	5.5	217
Simmental	WAIKITE AD2031	1455AD2031	2018	2019	10	312.1	101	53.7	199	338.4	218	145.2	116	5.9	138
Simmental	WAIKITE AY0097	1455AY0097	2018	2019	17	313.4	71	54.1	110	344.4	200	145.4	130	5.9	143
Simmental	WS RED MOON D76 (USA)	US3115609	2018	2019	18	303.7	234	53.8	174	366.4	99	143.3	24	5.9	158
Angus	CONNALLY LEGENDARY 644L (USA)	US18534952	2019	2020	18	312.4	96	54.3	49	372.5	70	145.5	135	6.0	127
Angus	KAKAHU LACHLAN 15095	NZE13300015095	2019	2020	29	314.8	46	53.7	194	372.8	67	146.5	187	6.4	39
Angus	LINTON 16107	NZE20305016107	2019	2020	19	313.1	81	54.1	99	371.9	73	144.7	82	5.8	179
Angus	RISSINGTON 17014	NZE14572017014	2019	2020	19	312.8	87	54.5	11	363.6	114	144.8	89	5.7	180
Angus	STORTH OAKS JOURNEY M31	NZE19507016M31	2019	2020	20	313.5	69	54.9	3	373.2	65	145.5	137	6.5	29
Angus	STORTH OAKS M10	NZE19507016M10	2019	2020	22	313.2	80	53.3	231	367.9	93	142.9	9	6.3	60
Angus	STORTH OAKS M119	NZE19507016M119	2019	2020	17	309.9	159	54.0	120	381.2	34	147.2	222	6.1	97
Angus	SYDGEN BLACK PEARL 2006 (USA)	US17236055	2019	2020	23	318.4	12	54.5	10	373.9	62	145.9	157	6.2	88
Angus	TE MANIA MATRIX 16018	NZE16932016018	2019	2020	16	310.3	149	53.7	212	379.2	45	145.4	133	6.0	123
Angus	WAITANGI M203**	NZE18954016M203	2019	2022	28	313.6	65	54.2	80	367.1	97	147.0	215	6.0	128
Angus	WAITANGI M214	NZE18954016M214	2019	2020	20	310.4	146	53.7	198	386.7	20	144.9	96	6.1	106
Minimum						301.4		52.8		321.1		141.1		5.1	
Average						311.6		54.0		362.5		145.3		6.1	
Maximum						326.3		55.0		417.6		149.9		7.9	

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238									
			First Year	Last Year	N	CCS Weight (kg)	Rank	Dressing (%)	Rank	Marbling	Rank	Ossification	Rank	Fat Depth (mm)	Rank
Charolais	HEMINGFORD NEXT DIRECTION N64	803170064E	2019	2020	19	309.6	167	54.0	134	350.3	177	142.9	10	6.0	117
Charolais	KAKAHU GERRY 140506	0011440506E	2019	2020	11	310.4	143	54.3	42	374.1	60	144.6	75	6.3	56
Charolais	SILVERSTREAM MANHATTEN M171	083160171D	2019	2020	15	310.7	139	54.4	25	338.0	219	143.5	30	5.6	203
Gelbvieh	GLADSTONE RED BARON PN19 ET (AI)	MCCPN19	2019	2020	10	309.3	172	54.5	9	345.7	196	143.1	15	5.7	199
Hereford	LIMEHILLS STARTER 160062	0677160062	2019	2020	30	311.8	111	54.3	39	333.5	228	141.1	1	6.0	131
Hereford	MATARIKI 110637**	0281110637	2019	2022	32	308.6	191	53.7	210	346.8	191	147.3	226	5.8	161
Hereford	MATARIKI J215	0281160215	2019	2020	33	318.9	9	53.9	140	323.8	237	144.9	93	6.2	76
Hereford	OKAWA STAMPER 160124	0617160124	2019	2020	36	308.9	182	54.2	71	341.5	209	145.2	120	5.5	213
Hereford	WIRRUNA MATTY M288 (AUS)**	WNAM288	2019	2022	40	310.5	142	53.6	216	386.2	21	146.4	186	5.8	166
Limousin	MANGATARA 335L	N/A	2019	2020	19	306.8	211	53.8	180	340.4	214	144.6	79	6.0	126
Limousin	MANGATARA JOOL	N/A	2019	2020	16	301.6	237	54.2	62	339.8	215	143.5	28	5.9	159
Shorthorn	ORENA BALANCE 15012	209315012	2019	2020	11	310.8	135	54.2	75	343.6	202	144.4	59	6.6	19
Simmental	GLEN ANTHONY AE12	0299AE0012	2019	2020	29	308.6	192	53.9	142	345.3	199	145.5	139	6.1	96
Simmental	GLENSIDE FRONTIER F19	1312AF0019	2019	2020	24	312.8	88	53.9	143	353.1	164	145.0	107	6.1	102
Simmental	HOOKS DELEGATE 64D (USA)	US3132798	2019	2020	31	307.5	205	53.9	156	350.8	174	144.6	77	6.2	83
Simmental	KERRAH EPIC E303	1667AE0303	2019	2020	29	307.3	206	53.6	215	339.7	216	147.4	227	5.6	205
Simmental	OWHATA AE7	1689AE0007	2019	2020	16	316.6	26	54.4	33	351.2	172	146.8	204	6.4	44
Simmental	RISSINGTON AF184	0049AF0184	2019	2020	23	305.6	226	53.7	202	350.0	179	146.2	176	5.8	175
Simmental	RISSINGTON AF44	0049AF0044	2019	2020	25	303.6	235	54.2	77	382.9	28	148.1	234	6.0	135
Simmental	WAIKITE AE2009	1455AE2009	2019	2020	14	316.8	25	53.9	139	362.2	119	145.3	123	5.7	191
South Devon	BURTERGILL HENRY 1105	VAN11005PZ	2019	2020	17	311.8	112	54.0	126	335.7	222	146.0	165	5.9	147
Stabilizer	STABILIZER 165287	N/A	2019	2020	27	308.9	183	53.7	190	364.3	106	145.1	111	6.1	107
Stabilizer	STABILIZER 165292	N/A	2019	2020	33	313.6	66	54.2	81	353.9	160	145.0	109	5.6	204
Stabilizer	STABILIZER 16538	N/A	2019	2020	12	312.7	90	54.1	94	372.1	72	145.3	124	6.5	33
			Minimum			301.4		52.8		321.1		141.1		5.1	
			Average			311.6		54.0		362.5		145.3		6.1	
			Maximum			326.3		55.0		417.6		149.9		7.9	

Breed	Bull Name	Animal ID	PROGENY BORN			Total Bulls = 238										
			First Year	Last Year	N	CCS Weight (kg)	Rank	Dressing (%)	Rank	Marbling	Rank	Ossification	Rank	Fat Depth (mm)	Rank	
Angus	CLUNES CROSSING DUSTY M13 (AI) (IMP AUS)	AUQMUM13	2020	2020	21	313.6	67	54.3	54	363.7	113	147.1	216	6.2	71	
Angus	FOCUS 173075 (P)	NZE194990173075	2020	2023	59	315.0	44	54.2	82	380.0	43	144.7	88	6.2	84	
Angus	LINTON 17070 (P)**	NZE20305017070	2020	2022	32	311.3	126	54.5	15	376.7	48	144.2	47	6.0	125	
Angus	RISSINGTON SURE FIRE P399**	NZE145720180399	2020	2021	33	309.8	163	54.1	115	375.8	51	144.5	72	5.6	210	
Hereford	CAPETHORNE 1617**	0065160017	2020	2021	33	309.1	178	53.7	205	359.3	138	145.2	122	6.3	62	
Hereford	FOULDEN HILL FLAME 11 0155	1731110155	2020	2020	20	312.2	99	54.1	107	362.8	118	146.2	175	6.5	34	
Hereford	GLENBRAE NIGHTRIDER 1761	0730170061	2020	2020	27	305.6	225	53.9	149	342.6	206	143.1	16	6.6	20	
Hereford	LIMEHILLS ANZAC 170279	0677170279	2020	2020	29	305.9	221	54.1	93	368.4	88	147.7	231	6.4	43	
Hereford	OTAPAWA VOODOO 7007	0347177007	2020	2020	26	306.7	212	53.4	227	341.4	211	144.1	43	6.3	68	
Simmental	GLENSIDE G2	1312180002	2020	2020	21	312.0	103	54.1	95	376.9	47	146.3	180	6.0	124	
Simmental	KERRAH FUNDAMENTAL F509	1667AF0509	2020	2020	31	314.8	45	53.9	144	374.0	61	146.0	166	6.3	61	
Simmental	RISSINGTON 180061	0049180061	2020	2020	12	308.4	195	54.3	50	361.2	127	144.5	69	5.6	209	
Angus	RISSINGTON ACCELERATE 17002**	NZE14572017002	2021	2022	12	308.2	197	54.0	135	373.1	66	144.4	62	6.3	67	
Angus	TE MANIA 16360**	NZE16932016360	2021	2022	10	305.7	224	53.8	181	398.5	6	144.2	46	6.0	118	
Angus	HALLMARK STIRLING Q016	21224019Q016	2022	2023	29	315.1	41	54.2	84	385.2	24	145.0	103	6.8	12	
Angus	STOKMAN REAL DEAL N247	NZE21043017N247	2022	2023	21	309.4	171	54.1	100	385.5	22	144.9	101	6.1	101	
Angus	STORTH OAKS Q125	NZE19507019Q125	2022	2023	24	314.2	55	54.6	5	385.4	23	147.2	223	6.2	72	
Hereford	KCF BENNETT RESOLVE G595	US44105347	2022	2023	16	308.8	185	53.9	152	380.2	39	145.7	148	6.0	132	
Hereford	KOANUI MAJOR P469	0216180469	2022	2023	27	313.4	73	53.9	141	349.2	183	146.1	170	6.3	59	
Hereford	MONYMUSK OUTBACK 190061	0272190061	2022	2023	30	310.3	151	53.7	195	346.7	192	142.8	6	5.7	195	
Hereford	OKAWA SARACEN 7036	0617170036	2022	2023	27	309.8	161	53.8	167	326.4	233	146.6	197	5.9	149	
Hereford	ORARI GORGE TARZAN 190091	0400190091	2022	2023	29	305.1	229	53.6	219	334.7	223	143.0	14	5.4	231	
Minimum						301.4		52.8		321.1		141.1		5.1		
Average						311.6		54.0		362.5		145.3		6.1		
Maximum						326.3		55.0		417.6		149.9		7.9		

** Indicates 2020 link sires used for the first mating 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 are Cohort 2 sires (2021 mating) at Kepler Farm.

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

Appendix

Trait Definitions

400 Day Weight (kg)	Weight at 400 days recorded on steer and heifer progeny. Higher values indicate more weight.
200 Day Weight (kg)	Weight at 200 days of age recorded on steer and heifer progeny. Higher values indicate more weight.
600 Day Weight (kg)	Weight at 600 days recorded on steer and heifer progeny. Higher values indicate more weight.
Eye Muscle Area (cm ²)	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. 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. 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.
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. Higher values indicate more intramuscular fat, which is related to marbling.
Carcase Weight (kg)	Weight of the hot carcass at slaughter recorded on steer progeny and terminal heifers. Higher values indicate a heavier carcass weight.
Dressing %	Calculated by dividing the carcass weight by the on-farm liveweight of the animal prior to transport and expressing the result as a percentage. This percentage represents the meat and skeletal portion of an animal compared to its live weight. It is different from previous reports where we used the plant liveweight (as this was no longer available on all animals) and the average percentage will be lower as it now includes additional gut-fill loss during transport and lairage.
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. Higher values indicate more marbling in the carcass. 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. 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. Higher values indicate more fat over the ribs.



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