



Beef Progeny Test

Interim Sire report: Cohort 3

DECEMBER 2019

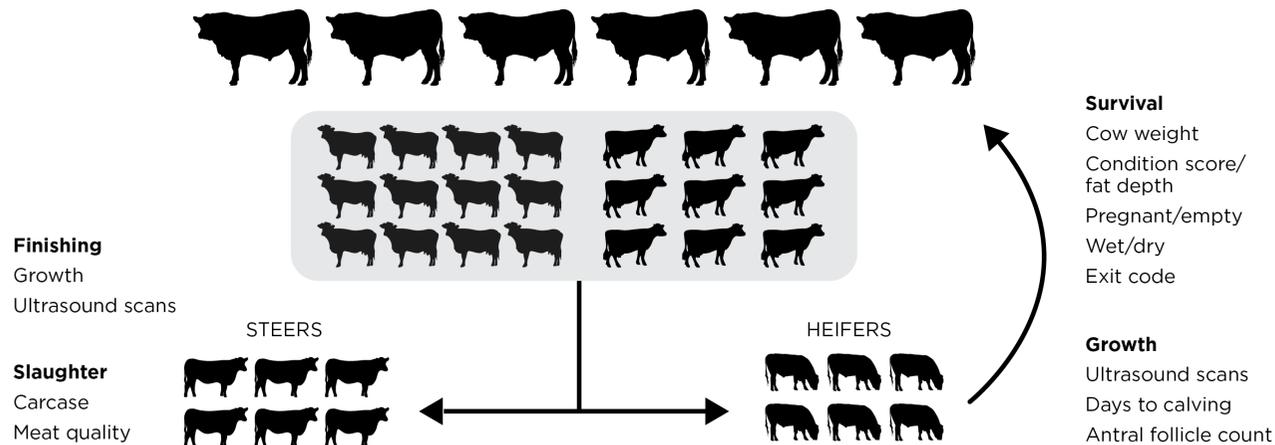
B+LNZ Genetics Beef Progeny Test

The Beef Progeny Test (BPT) compares bulls under New Zealand commercial farming conditions. The test was established in 2014 and involves mating about 2200 cows and heifers on four large properties across New Zealand every year. Steers are assessed on their finishing performance and carcass traits, while replacement heifers are tracked for their maternal characteristics. In 2018 the Dairy Beef Progeny Test was incorporated to take the test to 300 commercial beef and dairy cow matings.

A mix of both internationally-sourced and New Zealand semen has been used. The breeds include Angus, Hereford, Stabilizer, Simmental and Charolais. Some bulls are specifically included to provide genetic links to international programmes, where carcass data is being collected (e.g. the Australian Angus Sire Benchmark Programme, Hereford Progeny Test and Angus Sire Alliance). Over time, the test will:

- Evaluate maternal performance and survival for different cow types in commercial conditions.
- Generate potential new EBVs for cow performance – e.g. antral follicle count (measured in heifers to predict cow fertility); cow condition score; and cow stayability.
- Evaluate the relationship between maternal performance, finishing performance and carcass quality/market attributes.
- Evaluate across breeds.

Beef Progeny Test: evaluating finishing and/or maternal performance



Understanding the sire report

This listing provides an indication on how the sires are performing within the BPT, and can't be directly compared against BREEDPLAN EBVs. For selection purposes it is strongly advised that BREEDPLAN EBVs and selection indexes be used primarily. They are the highest accuracy information to use in selection as they take into account all available industry data. Progeny test data will be made available for incorporating into BREEDPLAN EBVs, although current EBVs do not include the data. They also account for information from all known relatives and genetic correlations between traits as well as being able to be compared across cohorts and the breed population.

Interpreting the Progeny Performance Listing

N. Calves = Number of recorded progeny of both sexes by each sire. This excludes any progeny in single animal contemporary groups and largely excludes heifer progeny for abattoir carcass results- bar terminal sired heifers.

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

Rank = The ranking position of the sire within the cohort. The ranking order will depend on the trait. E.g. 200 Day Weight is ranked in descending order, while Conception Date is in ascending order. The length of the coloured bars are related to the ranking i.e. higher ranked sires will have longer bars.

Trait Definitions

Trait	Unit	Definition	Ranking Order
Weaning Weight	Kg's	Weight at weaning recorded on steer and heifer progeny	Sires are ranked in descending order with higher values indicating more weight
Yearling Weight	Kg's	Weight at 1 year recorded on steer and heifer progeny	Sires are ranked in descending order with higher values indicating more weight
18-month Weight	Kg's	Weight at 18 months recorded on steer and heifer progeny	Sires are ranked in descending order with higher values indicating more weight
Conception Date	Days	Number of days from natural bull introduction to conception- at first joining as yearling heifers. Recorded using Ultrasound scanned foetal aging	Sires are ranked in ascending order with lower values indicating fewer days to conception and improved female reproduction

Scan Eye Muscle Area (EMA)	Cm ²	Area of Eye Muscle as captured at the 12th/13th rib site from ultrasound scanning both steer and heifer progeny at 18 months	Sires are ranked in descending order with higher values indicating larger eye muscle area
Scan Rib Fat	mm	Rib Fat captured at the 12th/13th rib site from ultrasound scanning both steer and heifer progeny at 18 months of age	Sires are ranked in descending order with higher values indicating more fat over the ribs
Scan Rump Fat	mm	Rump Fat captured at the P8 site from ultrasound scanning both steer and heifer progeny at 18 months of age	Sires are ranked in descending order with higher values indicating more fat over the rump
Scan Intramuscular Fat (IMF)	%	Intramuscular Fat captured at the 12th/13th rib site from ultrasound scanning both steer and heifer progeny at 18 months of age	Sires are ranked in descending order with higher values indicating more intramuscular fat
Carcass Weight	Kg's	Weight of the hot carcass at slaughter recorded on steer progeny- and terminal sired heifers	Sires are ranked in descending order with higher values indicating more carcass weight
Rib Fat	mm	Subcutaneous fat measurement at the 12th/13th rib site recorded by SFF Beef EQ Master Grader in the chiller on steer progeny- and terminal sired heifers	Sires are ranked in descending order with higher values indicating more fat over the ribs
Marbling	MSA Marble Score	Marble score recorded by SFF Beef EQ master grader in the chiller on steer progeny- and terminal sired heifers	Sires are ranked in descending order with higher values indicating more marbling in the carcass
Ossification	Score	Ossification score recorded by SFF Beef EQ master grader in the chiller on steer progeny- and terminal sired heifers	Sires are ranked in ascending order with lower values indicating younger physiological maturity at slaughter

Other traits

Other traits were recorded but are not included in the sire report because;

- The trait showed very little variation i.e. it is not under significant genetic control. These traits included pH, fat colour, meat colour.
- There was not enough progeny recorded for the sire's average to be useful e.g. maternal traits are not recorded on terminal sire's progeny.

B+LNZ Genetics Beef Progeny Test: summary of adjusted progeny averages (rank) across sires

Breed	Bull Name	first_year _used	last_year_ used	number _prog	Wean Weight (kg)	Yearling Weight (kg)	18Month Weight (kg)	Conception date (days)
Angus	Ardrossan Honour H255 (AUS)	2018	2018	20	207	268		
Angus	Blue Mountain Brillianz O5	2018	2018	16	208	274		
Angus	Braveheart of Stern	2017	2018	21	203	276	432	26.6
Angus	Conneally Revenue 7392	2015	2016	23	209	277	429	26.6
Angus	Deer Valley All In (US)	2016	2017	27	209	286	446	26.7
Angus	Earnsclough Tussock 144307	2017	2018	21	210	282	447	26.2
Angus	EF Complement 8088	2015	2016	19	197	262	427	26.6
Angus	Emblazon 999 (US)	2017	2018	20	203	271	428	26.5
Angus	Focus 131511	2016	2017	22	201	266	431	26.4
Angus	Focus 131539	2016	2017	26	202	272	422	26.6
Angus	Focus 135252 (ET)	2015	2015	28	208	278	438	26.5
Angus	Focus 143143	2016	2017	24	209	280	443	26.4
Angus	Focus Genetics 163069	2018	2018	20	205	278		
Angus	Focus Prominent 100104	2015	2015	24	209	278	444	26.7
Angus	Fossil Creek Hero H006	2015	2015	26	199	265	429	26.6
Angus	GAR Momentum	2015	2016	17	206	277	438	26.4
Angus	Glanworth Waigroup 1213	2015	2015	26	201	275	429	26.4
Angus	Glanworth Waigroup 14163	2017	2018	27	205	279	432	26.6
Angus	Grampians Buzz L11	2018	2018	17	203	275		
Angus	Grampians Lottery K13	2017	2018	21	202	269	415	26.4
Angus	H P C A Proceed (US)	2017	2017	34	207	272	425	26.7
Angus	HPCA Intensity	2015	2016	21	207	285	439	26.3
Angus	Journey 1X74 (US)	2017	2018	28	204	275	439	26.5
Angus	Kakahu 14003	2017	2018	24	206	276	434	26.7
Angus	Kakahu 16159	2018	2018	19	206	270		
Angus	Kakahu Bond 13007	2016	2017	21	205	279	437	25.9
Angus	Kakahu Jubliant 13054	2016	2017	22	211	275	431	26.6
Angus	LD Capitalist 316 (USA)	2018	2018	24	208	273		
Angus	Linton 13543	2016	2017	18	204	275	434	26.6
Angus	Linton 15077	2017	2018	17	203	275	433	26.3
Angus	Matauri Outlier F031	2015	2016	32	205	279	449	26.5
Angus	Matauri Reality 839	2015	2016	25	207	278	430	26.7
Angus	Meadowslea F540	2016	2017	18	206	279	431	26.7
Angus	Millah Murrah Loch Up L133 (AUS)	2018	2018	19	206	277		
Angus	Mt Linton 13007	2015	2015	17	202	261	410	26.2
Angus	Mt Linton 16042	2018	2018	31	205	273		
Minimum					197	260	410	26
Average					206	277	438	26.4
Maximum					218	302	479	27

B+LNZ Genetics Beef Progeny Test: summary of adjusted progeny averages (rank) across sires

Breed	Bull Name	first_year _used	last_year_ used	number _prog	Wean Weight (kg)	Yearling Weight (kg)	18Month Weight (kg)	Conception date (days)
Angus	Mt Mable Fat Boy	2016	2017	23	200	264	414	26.3
Angus	Ngaputahi Eureka E38	2015	2016	25	204	271	426	26.4
Angus	PA Full Power 1208 (USA)	2018	2018	24	205	276		
Angus	PA Safeguard 121	2015	2017	37	205	277	434	26.5
Angus	Pathfinder Genesis G357 (AUS)	2017	2017	45	208	280	437	26.5
Angus	Pinebank 64/10	2015	2016	21	205	270	420	26.5
Angus	Pinebank 97/11	2017	2018	22	206	277	437	26.2
Angus	Quaker Hill Mile High 4EX31 (USA)	2018	2018	25	206	277		
Angus	Reiland Hilary H874 (AUS)	2018	2018	13	210	279		
Angus	Rennylea Edmund E11	2015	2016	28	211	286	440	26.6
Angus	RennyLea K163	2017	2018	26	206	274	428	26.5
Angus	Rissington 135057	2015	2015	21	206	274	423	26.4
Angus	Rissington 135262 (ET)	2015	2015	23	210	282	443	26.5
Angus	Rissington 160136	2018	2018	14	206	278		
Angus	Rissington Premium Cut C487	2017	2018	19	208	283	440	26.4
Angus	Rissington Resolute 120992 (ET)	2015	2015	16	205	277	428	26.5
Angus	Rissington Resolved C116	2018	2018	21	204	260		
Angus	S A V Bruiser 9164 (US)	2015	2016	18	210	285	440	26.2
Angus	Seven Hills 129/14	2017	2017	32	204	277	426	26.3
Angus	Storth Oaks Angus Prime K5	2017	2018	24	202	267	411	26.6
Angus	Storth Oaks Everest J20	2016	2017	33	205	278	435	26.6
Angus	Storth Oaks H114	2015	2016	31	206	279	435	26.3
Angus	Storth Oaks H2	2015	2016	29	203	274	429	26.5
Angus	Storth Oaks H41	2015	2015	18	206	282	440	26.3
Angus	Storth Oaks Jack J7	2016	2018	32	209	279	451	26.5
Angus	Storth Oaks K122/14	2017	2018	40	205	276	438	26.5
Angus	Storth Oaks K134	2017	2018	21	211	283	446	26.6
Angus	Storth Oaks L94	2018	2018	24	215	281		
Angus	Syngen Exceed 3223 (USA)	2018	2018	31	200	268		
Angus	Tangihau Kaino H29	2015	2016	27	206	274	431	26.6
Angus	Te Mania 11 553	2015	2016	24	207	273	431	26.5
Angus	Te Mania Garth G67	2016	2016	25	207	284	445	26.6
Angus	Te Mania Jonah 13588	2016	2017	29	204	270	435	26.9
Angus	Te Mania Limitless	2018	2018	9	206	279		
Angus	Te Mania Muller 305	2018	2018	21	206	281		
Angus	Thomas Up River 1614 (US)	2017	2018	30	206	278	434	26.5
Angus	Totaranui 15151	2018	2018	19	209	279		
Angus	Totaranui 238 (ET)	2015	2016	27	214	280	440	26.8

B+LNZ Genetics Beef Progeny Test: summary of adjusted progeny averages (rank) across sires

Breed	Bull Name	first_year _used	last_year_ used	number _prog	Wean Weight (kg)	Yearling Weight (kg)	18Month Weight (kg)	Conception date (days)
Angus	Turihaua Crump E5	2015	2016	25	201	277	427	26.0
Angus	Turihaua Liberation	2015	2015	36	204	270	427	26.4
Angus	Turihaua Mythology F236	2017	2018	20	207	280	435	26.5
Angus	Turihaua Sir Crumble E222	2016	2017	31	207	277	438	26.4
Angus	Turiroa 16M013	2018	2018	13	208	283		
Angus	Tuwharetoa Regent D145 (AUS)	2016	2018	45	210	278	442	26.1
Angus	VAR Generation 2100 (US)	2017	2017	16	203	271	427	26.3
Angus	VAR Reserve 1111 (US)	2016	2017	18	208	271	429	26.4
Angus	Waitangi D213	2016	2017	24	203	272	434	26.4
Angus	Waitawheta K44 AB	2017	2018	26	210	283	441	26.5
Angus	Whangara 12323	2016	2017	25	209	280	444	26.1
Angus	Whenuapapa Crumble 8-10	2018	2018	13	203	280		
Charolais	Blelack Digger	2017	2018	17	209	276	438	
Charolais	Centrewood 130516	2016	2017	14	206	282	439	
Charolais	Hemingford Gambler G44	2016	2017	6	205	275	441	
Charolais	Hemingford Iconic I9	2018	2018	10	209	283		
Charolais	Hemingford J95	2017	2018	13	205	275	438	
Charolais	Kaitoke Commodore C22	2016	2017	12	211	284	449	
Charolais	Leachman White Gold P0002X (US)	2016	2016	6	207	282	437	
Charolais	Palgrove Xcept (AUS)	2018	2018	8	206	270		
Charolais	Silverstream Frampton	2017	2018	14	205	280	451	
Charolais	Silverstream Geddes G102	2016	2017	13	204	286	430	
Charolais	Silverstream Landis L179	2018	2018	12	207	278		
Charolais	Silverstream Performer	2015	2016	7	206	280	445	
Charolais	Simca Hills VeeDub	2016	2017	6	208	288	450	
Charolais	Sparrows Braxton 519C (USA)	2018	2018	16	206	271		
Charolais	Welcome Swallow Easy Gain F508	2015	2016	7	209	286	456	
Charolais	Whananaki Apollo A78	2017	2018	12	204	273	434	
Charolais	Whananaki Lex L24	2018	2018	7	207	277		
Hereford	Ardo Achilles 120	2017	2018	18	200	266		26.5
Hereford	Ardo Ajax 5014	2018	2018	15	204	270		
Hereford	Ardo Bismarck 4256	2017	2018	21	203	274	436	26.3
Hereford	Ardo Fargo 1154	2016	2018	29	200	263	425	26.4
Hereford	Beechwood Turk	2015	2015	13	205	270	426	26.4
Hereford	Bluestone 080014	2016	2017	6	206	280	434	26.4
Hereford	Bluestone 120061	2015	2016	33	202	269	430	26.1
Hereford	Colraine Code Word 13 139	2016	2018	19	202	272	453	26.3
Minimum					197	260	410	26
Average					206	277	438	26.4
Maximum					218	302	479	27

B+LNZ Genetics Beef Progeny Test: summary of adjusted progeny averages (rank) across sires

Breed	Bull Name	first_year used	last_year_ used	number _prog	Wean Weight (kg)	Yearling Weight (kg)	18Month Weight (kg)	Conception date (days)
Hereford	Craigmore Ike 140260	2018	2018	18	207	277		
Hereford	Days Robin Hood H38 (AUS)	2018	2018	18	203	267		
Hereford	Efbeef U208 Fortune Y848 (US)	2016	2017	25	205	273	423	26.6
Hereford	Glendan Park Top Gun W42 (IMP)	2015	2016	8	207	276	438	26.5
Hereford	Grassmere Galant 9	2017	2018	24	211	274	446	26.3
Hereford	Grassmere Gallant 152	2018	2018	22	208	275		
Hereford	Grassmere Spark 555	2016	2017	19	202	275	440	26.4
Hereford	Injemira Anzac K220 (AUS)	2017	2017	17	207	275	448	26.6
Hereford	Koanui Chiefly 2510	2016	2018	16	208	281	442	26.5
Hereford	Koanui Legit 6444	2018	2018	20	201	266		
Hereford	Koanui Rocket 0219	2015	2016	22	207	273	441	26.4
Hereford	Koanui Techno 3062	2017	2018	21	207	276	444	26.5
Hereford	Koanui Unanimous 0408	2016	2018	13	202	274	434	26.7
Hereford	Limehills Stamper 20719	2016	2017	18	208	276	441	26.5
Hereford	Limehills Streaker 150368	2018	2018	22	205	283		
Hereford	Matariki 140255	2017	2018	22	205	268	453	26.2
Hereford	Matariki Holy Smoke	2015	2016	14	209	276	440	26.2
Hereford	Monymusk Gallant	2016	2017	11	204	273	445	26.5
Hereford	Nithdale Elvis 040021	2015	2016	14	209	281	442	26.6
Hereford	Okawa Davis 7046	2015	2015	20	205	275	439	26.5
Hereford	Okawa Hogan 3156	2018	2018	17	210	279		
Hereford	Okawa Major 2008	2016	2017	16	206	277	440	26.4
Hereford	Okawa Marshall 0109	2015	2016	15	206	282	443	26.4
Hereford	Orari Gorge Mischief 120083	2016	2017	19	211	286	438	26.4
Hereford	Orari Gorge Oligarch 140025	2017	2017	10	209	281	448	26.3
Hereford	Orari Gorge Patton 150051	2018	2018	18	200	268		
Hereford	Orari Gorge Quantum 160091	2018	2018	16	206	284		
Hereford	Otapawa Spark 3060	2015	2015	27	212	286	446	26.3
Hereford	SHF All Star (US)	2017	2018	18	202	272	426	26.7
Hereford	Te Taumata Foundation 14684	2017	2018	21	206	277	438	26.4
Hereford	TLELL 29F Red Cedar 8N (CAN)	2017	2018	19	203	282	446	26.6
Hereford	Waikaka Turning Point 110015	2015	2016	14	207	274	440	26.5
Hereford	Westholm Trust R 58	2018	2018	19	208	273		
Hereford	Wirruna Daffy D1 (IMP AUS)	2015	2016	22	206	268	426	26.2
Hereford	Wirruna Echuca (AUS)	2016	2018	26	208	280	439	26.3
Minimum					197	260	410	26
Average					206	277	438	26.4
Maximum					218	302	479	27

B+LNZ Genetics Beef Progeny Test: summary of adjusted progeny averages (rank) across sires

Breed	Bull Name	first_year_used	last_year_used	number_prog	Wean Weight (kg)	Yearling Weight (kg)	18Month Weight (kg)	Conception date (days)
Simmental	CCR Cowboy Cut 5048Z (USA)	2018	2018	11	204	281		
Simmental	CDI Rimrock 325Z (US)	2016	2017	13	212	288	448	
Simmental	Glen Anthony Y-Arta AY02 (ET)	2015	2016	12	207	274	444	
Simmental	Glenside Atomic A5	2015	2015	12	212	286	460	
Simmental	Glenside Catalyst C23	2016	2016	14	204	269	435	
Simmental	Glenside Crumpy C4	2017	2018	17	207	283	439	
Simmental	Glenside D12	2017	2018	15	210	285	440	
Simmental	Hooks Beacon 56B (US)	2017	2018	14	205	281	424	
Simmental	Hooks Yellowstone 97Y (US)	2016	2016	15	210	277	440	
Simmental	Janefield ED AE1	2018	2018	8	209	279		
Simmental	Kerrah A456	2015	2016	15	213	295	451	
Simmental	Kerrah AX49	2016	2017	13	206	280	440	
Simmental	Kerrah Bandwagon B306	2016	2016	14	204	267	436	
Simmental	Kerrah Banker B464	2016	2017	14	206	284	446	
Simmental	Kerrah Captain C400	2017	2018	15	207	286	454	
Simmental	Kerrah XFactor AX187 (ET)	2015	2016	12	203	282	426	
Simmental	Kerrah Yes Sir AY393	2015	2016	15	206	286	452	
Simmental	Leafland Captain C1	2017	2018	17	210	289	449	
Simmental	MF Rushmore AB0008	2016	2016	2	206	277	437	
Simmental	Mr NLC Upgrade U8676 (US)	2017	2018	20	209	284	446	
Simmental	Potawa Admiral	2018	2018	11	207	276		
Simmental	Rissington AA0809	2018	2018	12	207	283		
Simmental	Rissington AB5185	2015	2016	10	211	292	461	
Simmental	Rissington AC244	2016	2016	10	206	278	446	
Simmental	Rissington AD372 (ET)	2017	2018	16	209	287	455	
Simmental	Rissington AD8	2017	2018	16	207	278	444	
Simmental	Rissington Exceed AE203	2018	2018	9	204	276		
Simmental	Rissington New Standard AU158	2015	2015	15	218	302	479	
Simmental	Riverbend Tamarack 60N PF (CAN)	2016	2017	12	209	274	438	
Simmental	Tokaweka Handsome AH801	2015	2015	15	207	280	449	
Simmental	Waikite AB2038	2016	2017	14	204	276	442	
Simmental	Waikite AC2016	2016	2018	11	208	281	445	
Simmental	Waikite AD2031	2018	2018	9	204	285		
Simmental	Waikite Ample AA2241	2016	2017	14	204	277	439	
Simmental	Waikite AY0097	2018	2018	14	208	291		
Simmental	Wwaikite Zackarias AZ0176	2017	2018	18	209	289	450	
Simmental	WS Prime Beef Z8 (US)	2017	2018	14	205	279	442	
Simmental	WS Red Moon D76 (USA)	2018	2018	14	201	270		

B+LNZ Genetics Beef Progeny Test: summary of adjusted progeny averages (rank) across sires

Breed	Bull Name	first_year _used	last_year_ used	number _prog	Wean Weight (kg)	Yearling Weight (kg)	18Month Weight (kg)	Conception date (days)
Stabilizer	Focus Big Gene 121292	2016	2018	41	207 	283 	451 	26.3 
Stabilizer	Focus Big Gene 121293	2015	2017	25	212 	283 	447 	26.6 
Stabilizer	Focus Forceful 135159	2015	2016	20	204 	271 	418 	26.1 
Stabilizer	Focus Forefront 121599	2015	2016	30	203 	275 	433 	26.6 
Stabilizer	Focus Porterhouse 135361	2015	2016	31	205 	274 	428 	26.7 
Stabilizer	Focus Trinity 135263	2015	2016	19	204 	281 	439 	26.6 
Stabilizer	Stabilizer 140082	2017	2018	20	204 	265 	429 	26.3 
Stabilizer	Stabilizer 140850	2017	2018	27	200 	267 	438 	26.5 
Minimum					197	260	410	26
Average					206	277	438	26.4
Maximum					218	302	479	27

B+LNZ Genetics Beef Progeny Test: summary of adjusted progeny averages (rank) across sires

Breed	Bull Name	first_year_used	last_year_used	number_prog	Scan EMA (cm ²)	Scan Rump Fat (mm)	Scan Rib Fat (mm)	Scan IMF (%)	Carcass Weight	Marbling	Ossification	Fat Depth (mm)
Angus	Ardrossan Honour H255 (AUS)	2018	2018	20								
Angus	Blue Mountain Brillanz O5	2018	2018	16								
Angus	Braveheart of Stern	2017	2018	21	64	6.1	3.8	3.4				
Angus	Conneally Revenue 7392	2015	2016	23	65	5.4	3.8	3.6	311	373	146	7.5
Angus	Deer Valley All In (US)	2016	2017	27	65	4.9	3.2	3.1	312	389	148	6.8
Angus	Earnsclough Tussock 144307	2017	2018	21	65	6.0	3.5	3.3				
Angus	EF Complement 8088	2015	2016	19	65	5.3	3.3	3.7	307	360	145	6.3
Angus	Emblazon 999 (US)	2017	2018	20	62	5.4	3.3	3.1				
Angus	Focus 131511	2016	2017	22	65	6.0	3.9	3.7	309	352	146	6.3
Angus	Focus 131539	2016	2017	26	62	5.3	3.3	3.3	308	385	147	6.1
Angus	Focus 135252 (ET)	2015	2015	28	66	5.5	3.7	3.7	311	348	145	6.3
Angus	Focus 143143	2016	2017	24	64	5.4	3.6	3.3	307	351	146	7.1
Angus	Focus Genetics 163069	2018	2018	20								
Angus	Focus Prominent 100104	2015	2015	24	63	5.8	3.7	3.5	310	345	145	4.4
Angus	Fossil Creek Hero H006	2015	2015	26	66	6.3	3.7	3.5	307	361	147	6.8
Angus	GAR Momentum	2015	2016	17	65	5.2	3.5	3.9	311	374	148	5.7
Angus	Glanworth Waigroup 1213	2015	2015	26	64	5.0	3.5	3.0	309	367	151	6.6
Angus	Glanworth Waigroup 14163	2017	2018	27	63	5.6	3.6	3.0				
Angus	Grampians Buzz L11	2018	2018	17								
Angus	Grampians Lottery K13	2017	2018	21	62	5.4	3.4	3.1				
Angus	H P C A Proceed (US)	2017	2017	34	62	4.8	3.4	3.7				
Angus	HPCA Intensity	2015	2016	21	65	5.2	3.6	3.2	308	332	147	4.5
Angus	Journey 1X74 (US)	2017	2018	28	66	5.1	3.3	3.0				
Angus	Kakahu 14003	2017	2018	24	64	5.2	3.4	3.1				
Angus	Kakahu 16159	2018	2018	19								
Angus	Kakahu Bond 13007	2016	2017	21	63	5.7	3.6	3.5	311	353	149	6.4
Angus	Kakahu Jubliant 13054	2016	2017	22	63	5.2	3.6	3.5	314	365	149	7.0
Angus	LD Capitalist 316 (USA)	2018	2018	24								
Angus	Linton 13543	2016	2017	18	64	5.8	3.6	3.3	308	356	146	6.7
Angus	Linton 15077	2017	2018	17	64	6.2	3.9	3.4				
Angus	Matauri Outlier F031	2015	2016	32	65	5.8	3.7	3.2	316	352	145	5.5
Angus	Matauri Reality 839	2015	2016	25	64	6.1	4.0	3.8	310	357	147	7.9
Minimum					60	4	2	2	302	325	144	4
Average					64	5.5	3.5	3.2	309	359	147	6.0
Maximum					69	7	5	4	319	401	152	9

B+LNZ Genetics Beef Progeny Test: summary of adjusted progeny averages (rank) across sire

Breed	Bull Name	first_year_used	last_year_used	number_prog	Scan EMA (cm ²)	Scan Rump Fat (mm)	Scan Rib Fat (mm)	Scan IMF (%)	Carcass Weight	Marbling	Ossification	Fat Depth (mm)
Angus	Meadowslea F540	2016	2017	18	64	5.5	3.5	3.0	307	361	147	6.3
Angus	Millah Murrah Loch Up L133 (AUS)	2018	2018	19								
Angus	Mt Linton 13007	2015	2015	17	64	5.1	3.6	3.5	311	365	148	4.8
Angus	Mt Linton 16042	2018	2018	31								
Angus	Mt Mable Fat Boy	2016	2017	23	63	5.3	3.6	3.1	308	349	145	5.1
Angus	Ngaputahi Eureka E38	2015	2016	25	63	4.8	3.2	2.9	308	363	149	5.0
Angus	PA Full Power 1208 (USA)	2018	2018	24								
Angus	PA Safeguard 121	2015	2017	37	64	4.6	3.1	3.2	315	401	147	5.8
Angus	Pathfinder Genesis G357 (AUS)	2017	2017	45	64	5.9	3.9	3.4				
Angus	Pinebank 64/10	2015	2016	21	61	5.6	4.0	3.3	302	366	149	8.3
Angus	Pinebank 97/11	2017	2018	22	64	5.8	3.6	3.1				
Angus	Quaker Hill Mile High 4EX31 (USA)	2018	2018	25								
Angus	Reiland Hilary H874 (AUS)	2018	2018	13								
Angus	Rennylea Edmund E11	2015	2016	28	66	6.6	4.7	4.5	308	387	149	8.9
Angus	Rennylea K163	2017	2018	26	65	5.1	3.6	3.4				
Angus	Rissington 135057	2015	2015	21	64	6.8	4.2	3.6	306	394	146	7.1
Angus	Rissington 135262 (ET)	2015	2015	23	67	6.4	3.9	4.0	308	362	148	6.5
Angus	Rissington 160136	2018	2018	14								
Angus	Rissington Premium Cut C487	2017	2018	19	65	5.2	3.4	3.4				
Angus	Rissington Resolute 120992 (ET)	2015	2015	16	64	5.4	3.6	3.4	310	375	149	7.4
Angus	Rissington Resolved C116	2018	2018	21								
Angus	S A V Bruiser 9164 (US)	2015	2016	18	64	5.2	3.3	2.6	306	342	148	4.5
Angus	Seven Hills 129/14	2017	2017	32	63	5.8	3.8	3.6				
Angus	Storth Oaks Angus Prime K5	2017	2018	24	63	5.9	4.0	3.6				
Angus	Storth Oaks Everest J20	2016	2017	33	64	5.8	3.9	3.8	306	366	149	7.6
Angus	Storth Oaks H114	2015	2016	31	64	5.8	3.5	3.3	310	362	144	5.4
Angus	Storth Oaks H2	2015	2016	29	63	5.8	3.4	3.2	306	377	148	5.7
Angus	Storth Oaks H41	2015	2015	18	66	5.7	3.6	3.5	308	349	148	6.1
Angus	Storth Oaks Jack J7	2016	2018	32	64	5.3	3.5	3.8	306	358	148	5.6
Angus	Storth Oaks K122/14	2017	2018	40	64	5.7	3.7	3.7				
Angus	Storth Oaks K134	2017	2018	21	64	5.0	3.3	3.0				
Angus	Storth Oaks L94	2018	2018	24								
Minimum					60	4	2	2	302	325	144	4
Average					64	5.5	3.5	3.2	309	359	147	6.0
Maximum					69	7	5	4	319	401	152	9

B+LNZ Genetics Beef Progeny Test: summary of adjusted progeny averages (rank) across sires

Breed	Bull Name	first_year_used	last_year_used	number_prog	Scan EMA (cm ²)	Scan Rump Fat (mm)	Scan Rib Fat (mm)	Scan IMF (%)	Carcass Weight	Marbling	Ossification	Fat Depth (mm)
Angus	Sydgen Exceed 3223 (USA)	2018	2018	31								
Angus	Tangihau Kaino H29	2015	2016	27	64	5.9	4.2	4.1	308	363	148	8.8
Angus	Te Mania 11 553	2015	2016	24	65	5.3	3.8	3.7	309	364	148	6.7
Angus	Te Mania Garth G67	2016	2016	25	64	6.4	4.0	3.7	314	350	146	7.2
Angus	Te Mania Jonah 13588	2016	2017	29	64	5.2	3.3	3.1	304	346	146	6.2
Angus	Te Mania Limitless	2018	2018	9								
Angus	Te Mania Muller 305	2018	2018	21								
Angus	Thomas Up River 1614 (US)	2017	2018	30	63	5.5	3.5	3.3				
Angus	Totaranui 15151	2018	2018	19								
Angus	Totaranui 238 (ET)	2015	2016	27	66	4.8	3.2	3.5	310	370	148	5.7
Angus	Turihaua Crump E5	2015	2016	25	63	6.3	4.0	3.3	303	379	145	6.1
Angus	Turihaua Liberation	2015	2015	36	60	5.3	3.3	2.5	305	359	148	5.1
Angus	Turihaua Mythology F236	2017	2018	20	64	5.4	3.5	3.1				
Angus	Turihaua Sir Crumble E222	2016	2017	31	64	5.0	3.1	2.5	310	331	146	5.8
Angus	Turiroa 16M013	2018	2018	13								
Angus	Tuwharetoa Regent D145 (AUS)	2016	2018	45	65	6.0	4.1	4.2	310	391	147	7.7
Angus	VAR Generation 2100 (US)	2017	2017	16	64	5.2	3.5	3.5				
Angus	VAR Reserve 1111 (US)	2016	2017	18	64	5.2	3.5	3.2	309	358	146	6.0
Angus	Waitangi D213	2016	2017	24	63	5.6	3.6	2.7	304	351	147	6.0
Angus	Waitawheta K44 AB	2017	2018	26	64	5.3	3.6	3.4				
Angus	Whangara 12323	2016	2017	25	65	5.7	3.6	3.5	318	365	147	5.9
Angus	Whenuapapa Crumble 8-10	2018	2018	13								
Charolais	Blelack Digger	2017	2018	17	66	4.5	3.0	2.3				
Charolais	Centrewood 130516	2016	2017	14	64	4.8	3.3	2.5	309	372	145	5.6
Charolais	Hemingford Gambler G44	2016	2017	6	65	5.3	3.4	2.9	311	348	146	5.7
Charolais	Hemingford Iconic I9	2018	2018	10								
Charolais	Hemingford J95	2017	2018	13	64	4.7	3.2	2.6				
Charolais	Kaitoke Commodore C22	2016	2017	12	66	5.0	3.1	2.7	308	347	148	5.8
Charolais	Leachman White Gold P0002X (US)	2016	2016	6	65	5.2	3.3	2.9	309	357	147	5.9
Charolais	Palgrove Xcept (AUS)	2018	2018	8								
Minimum					60	4	2	2	302	325	144	4
Average					64	5.5	3.5	3.2	309	359	147	6.0
Maximum					69	7	5	4	319	401	152	9

B+LNZ Genetics Beef Progeny Test: summary of adjusted progeny averages (rank) across sires

Breed	Bull Name	first_year_ used	last_year_ used	number_ prog	Scan EMA (cm ²)	Scan Rump Fat (mm)	Scan Rib Fat (mm)	Scan IMF (%)	Carcass Weight	Marbling	Ossification	Fat Depth (mm)
Charolais	Silverstream Frampton	2017	2018	14	66	4.9	3.0	2.3				
Charolais	Silverstream Geddes G102	2016	2017	13	65	5.4	3.5	3.0	306	355	148	5.7
Charolais	Silverstream Landis L179	2018	2018	12								
Charolais	Silverstream Performer	2015	2016	7	66	4.8	2.7	2.7	311	369	148	6.1
Charolais	Simca Hills VeeDub	2016	2017	6	65	5.3	3.5	2.9	313	349	149	5.7
Charolais	Sparrows Braxton 519C (USA)	2018	2018	16								
Charolais	Welcome Swallow Easy Gain F508	2015	2016	7	67	5.2	3.8	2.9	314	371	148	5.6
Charolais	Whananaki Apollo A78	2017	2018	12	64	4.8	3.0	2.5				
Charolais	Whananaki Lex L24	2018	2018	7								
Hereford	Ardo Achilles 120	2017	2018	18								
Hereford	Ardo Ajax 5014	2018	2018	15								
Hereford	Ardo Bismarck 4256	2017	2018	21	65	5.7	3.2	2.8				
Hereford	Ardo Fargo 1154	2016	2018	29	62	6.0	3.6	3.0	307	347	145	5.6
Hereford	Beechwood Turk	2015	2015	13	62	4.9	2.9	2.2	308	337	149	5.0
Hereford	Bluestone 080014	2016	2017	6	64	6.1	3.8	3.3	308	360	149	5.9
Hereford	Bluestone 120061	2015	2016	33	63	5.5	3.6	3.0	306	356	146	5.9
Hereford	Colrairie Code Word 13 139	2016	2018	19	63	5.6	3.7	3.1	311	358	147	5.9
Hereford	Craigmore Ike 140260	2018	2018	18								
Hereford	Days Robin Hood H38 (AUS)	2018	2018	18								
Hereford	Efbeef U208 Fortune Y848 (US)	2016	2017	25	64	5.2	3.3	3.1	305	358	148	4.8
Hereford	Glendan Park Top Gun W42 (IMP)	2015	2016	8	65	5.6	3.4	2.4	310	355	148	5.8
Hereford	Grassmere Galant 9	2017	2018	24	64	5.6	3.5	3.1				
Hereford	Grassmere Gallant 152	2018	2018	22								
Hereford	Grassmere Spark 555	2016	2017	19	63	5.6	3.8	3.1	311	361	150	6.8
Hereford	Injemira Anzac K220 (AUS)	2017	2017	17	64	5.0	3.4	2.8				
Hereford	Koanui Chiefly 2510	2016	2018	16	64	6.4	4.0	3.1	311	365	148	6.1
Hereford	Koanui Legit 6444	2018	2018	20								
Hereford	Koanui Rocket 0219	2015	2016	22	65	6.4	3.8	2.8	309	360	148	6.2
Hereford	Koanui Techno 3062	2017	2018	21	64	5.6	3.2	2.7				
Hereford	Koanui Unanimous 0408	2016	2018	13	63	5.3	3.2	2.7	306	344	148	6.3
Hereford	Limehills Stamper 20719	2016	2017	18	66	5.4	3.3	2.6	309	346	146	6.4
Minimum					60	4	2	2	302	325	144	4
Average					64	5.5	3.5	3.2	309	359	147	6.0
Maximum					69	7	5	4	319	401	152	9

B+LNZ Genetics Beef Progeny Test: summary of adjusted progeny averages (rank) across sires

Breed	Bull Name	first_year_used	last_year_used	number_prog	Scan EMA (cm ²)	Scan Rump Fat (mm)	Scan Rib Fat (mm)	Scan IMF (%)	Carcass Weight	Marbling	Ossification	Fat Depth (mm)
Hereford	Limehills Streaker 150368	2018	2018	22								
Hereford	Matariki 140255	2017	2018	22	65	6.2	3.9	3.5				
Hereford	Matariki Holy Smoke	2015	2016	14	65	6.0	3.9	3.6	312	354	148	6.9
Hereford	Monymusk Gallant	2016	2017	11	65	5.9	3.7	3.4	309	348	147	6.1
Hereford	Nithdale Elvis 040021	2015	2016	14	67	5.4	3.7	3.6	309	345	148	6.0
Hereford	Okawa Davis 7046	2015	2015	20	62	5.3	3.6	3.3	306	356	147	5.6
Hereford	Okawa Hogan 3156	2018	2018	17								
Hereford	Okawa Major 2008	2016	2017	16	63	5.0	3.1	2.8	308	354	148	5.9
Hereford	Okawa Marshall 0109	2015	2016	15	64	6.0	4.3	3.1	304	362	147	6.4
Hereford	Orari Gorge Mischief 120083	2016	2017	19	63	6.0	3.9	3.0	307	356	150	5.6
Hereford	Orari Gorge Oligarch 140025	2017	2017	10	65	5.8	3.4	3.0				
Hereford	Orari Gorge Patton 150051	2018	2018	18								
Hereford	Orari Gorge Quantum 160091	2018	2018	16								
Hereford	Otapawa Spark 3060	2015	2015	27	63	6.0	4.1	3.1	310	356	145	5.4
Hereford	SHF All Star (US)	2017	2018	18	65	5.3	3.5	3.1				
Hereford	Te Taumata Foundation 14684	2017	2018	21	64	5.0	3.6	3.0				
Hereford	TLELL 29F Red Cedar 8N (CAN)	2017	2018	19	65	5.9	3.8	3.1				
Hereford	Waikaka Turning Point 110015	2015	2016	14	64	5.1	3.0	3.0	308	364	148	5.9
Hereford	Westholm Trust R 58	2018	2018	19								
Hereford	Wirruna Daffy D1 (IMP AUS)	2015	2016	22	65	5.8	3.7	2.9	307	338	147	5.1
Hereford	Wirruna Echuca (AUS)	2016	2018	26	63	6.1	4.0	3.6	308	363	146	6.1
Simmental	CCR Cowboy Cut 5048Z (USA)	2018	2018	11								
Simmental	CDI Rimrock 325Z (US)	2016	2017	13	66	5.1	3.3	3.5	308	378	148	5.2
Simmental	Glen Anthony Y-Arta AY02 (ET)	2015	2016	12	65	5.7	3.4	2.8	307	336	148	5.0
Simmental	Glenside Atomic A5	2015	2015	12	67	5.1	3.1	3.0	312	374	147	6.2
Simmental	Glenside Catalyst C23	2016	2016	14	66	5.8	3.4	2.8	311	351	147	5.2
Simmental	Glenside Crumpy C4	2017	2018	17	65	5.5	3.5	2.8				
Simmental	Glenside D12	2017	2018	15	65	5.3	3.4	2.8				
Simmental	Hooks Beacon 56B (US)	2017	2018	14	64	5.1	3.4	3.3				
Simmental	Hooks Yellowstone 97Y (US)	2016	2016	15	66	5.4	3.4	3.2	316	342	146	6.1
Simmental	Janefield ED AE1	2018	2018	8								
Minimum					60	4	2	2	302	325	144	4
Average					64	5.5	3.5	3.2	309	359	147	6.0
Maximum					69	7	5	4	319	401	152	9

B+LNZ Genetics Beef Progeny Test: summary of adjusted progeny averages (rank) across sires

Breed	Bull Name	first_year_used	last_year_used	number_prog	Scan EMA (cm ²)	Scan Rump Fat (mm)	Scan Rib Fat (mm)	Scan IMF (%)	Carcass Weight	Marbling	Ossification	Fat Depth (mm)
Simmental	Kerrah A456	2015	2016	15	67	5.2	3.6	3.2	312	351	145	6.1
Simmental	Kerrah AX49	2016	2017	13	66	5.1	3.3	2.8	310	368	149	5.0
Simmental	Kerrah Bandwagon B306	2016	2016	14	67	5.7	3.7	3.6	311	379	147	5.7
Simmental	Kerrah Banker B464	2016	2017	14	65	5.5	3.8	3.3	312	357	147	5.7
Simmental	Kerrah Captain C400	2017	2018	15	66	5.9	3.9	2.8				
Simmental	Kerrah XFactor AX187 (ET)	2015	2016	12	65	5.0	2.9	2.9	308	353	148	5.6
Simmental	Kerrah Yes Sir AY393	2015	2016	15	66	5.5	3.1	2.8	314	366	150	5.4
Simmental	Leafland Captain C1	2017	2018	17	64	5.1	3.2	3.1				
Simmental	MF Rushmore AB0008	2016	2016	2	65	5.1	3.4	3.0	307	354	147	6.0
Simmental	Mr NLC Upgrade U8676 (US)	2017	2018	20	64	5.0	3.4	3.1				
Simmental	Potawa Admiral	2018	2018	11								
Simmental	Rissington AA0809	2018	2018	12								
Simmental	Rissington AB5185	2015	2016	10	67	5.7	3.5	3.0	315	362	150	6.3
Simmental	Rissington AC244	2016	2016	10	65	5.9	3.7	3.0	311	366	147	6.0
Simmental	Rissington AD372 (ET)	2017	2018	16	66	6.0	3.8	3.3				
Simmental	Rissington AD8	2017	2018	16	65	5.3	3.5	2.7				
Simmental	Rissington Exceed AE203	2018	2018	9								
Simmental	Rissington New Standard AU158	2015	2015	15	69	6.1	4.0	4.0	319	369	148	5.7
Simmental	Riverbend Tamarack 60N PF (CAN)	2016	2017	12	64	5.5	3.4	3.0	308	356	151	5.4
Simmental	Tokaweka Handsome AH801	2015	2015	15	66	4.4	2.5	2.6	310	353	148	5.1
Simmental	Waikite AB2038	2016	2017	14	65	5.0	3.4	2.6	310	325	148	6.0
Simmental	Waikite AC2016	2016	2018	11	65	5.2	3.5	2.9	312	363	147	6.4
Simmental	Waikite AD2031	2018	2018	9								
Simmental	Waikite Ample AA2241	2016	2017	14	65	5.3	3.2	2.7	311	342	148	5.4
Simmental	Waikite AY0097	2018	2018	14								
Simmental	Wwaikite Zackarias AZ0176	2017	2018	18	64	4.9	2.9	2.8				
Simmental	WS Prime Beef Z8 (US)	2017	2018	14	66	5.0	3.5	2.8				
Simmental	WS Red Moon D76 (USA)	2018	2018	14								
Stabilizer	Focus Big Gene 121292	2016	2018	41	66	5.0	3.5	3.0	311	350	147	6.6
Stabilizer	Focus Big Gene 121293	2015	2017	25	66	4.5	3.0	2.9	315	355	152	5.4
Stabilizer	Focus Forceful 135159	2015	2016	20	65	5.5	3.8	3.3	306	351	149	5.1
Stabilizer	Focus Forefront 121599	2015	2016	30	63	5.5	3.3	3.4	306	382	151	5.6
Stabilizer	Focus Porterhouse 135361	2015	2016	31	65	4.8	3.0	3.4	309	336	144	4.6
Stabilizer	Focus Trinity 135263	2015	2016	19	67	7.1	4.7	3.5	313	353	150	8.3
Stabilizer	Stabilizer 140082	2017	2018	20	63	5.1	3.5	2.9				
Stabilizer	Stabilizer 140850	2017	2018	27	65	5.2	3.6	3.3				
Minimum					60	4	2	2	302	325	144	4
Average					64	5.5	3.5	3.2	309	359	147	6.0
Maximum					69	7	5	4	319	401	152	9