

# Genetics Catalogue

2024 Beef



There's always room for improvement



## Breed information & Polled quick select

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Beef Breed Averages			
	Breed	Average Gestation Length (Days)	Average Birth Weight (kg)
Beef	Angus	280	34
	Belgian Blue	283	47
	Blonde D'Aquitaine	288	36
	Charolais	285	41
	Hereford	284	38
	Limousin	289	39
	Murray Grey	283	34
	Profit Maker®	282	34
	Simmental	284	39
	Speckle Park	283	34
	Stabilizer®	282	35
Dairy	Wagyu	286	32
	Friesian	281	37
	Jersey	281	29
	Crossbred	281	33
	Ayrshire	281	35

This table displays information that can be used as a guide when considering different breeds. The Gestation Lengths and Birth Weights displayed to the left are not those of the LIC beef product range. For information on the gestation lengths of a particular LIC beef product, consult the relevant page or ask your Agri Manager for assistance.

Note: There are a number of information sources contributing to this table and variation will occur. This table should be used as a guide only.

Quick-select list for polled LIC beef products (for DNA-tested bulls only)							
Breed	Product Type	Pack/Bull	Polled Status		Always marks calves	Price +gst	Page
			PP	Pp			
Angus	Pack	No-choice SGL pack	✓			\$15.45	18
		No-choice beef pack	✓			\$12.60	
	Individual	721261 Rissington Paradox	✓			\$19.80	
		722196 Stokman Solution S329	✓			\$19.80	
Australian Lowline	Pack	No-choice beef pack	✓			\$12.60	24
	Individual	724040 Lowland Park Tassie	✓			\$19.80	
Charolais	Pack	No-choice beef pack	✓		✓	\$12.60	16
		722400 Kakahu Milestone	✓		✓	\$19.80	
	Individual	722402 Kakahu Apollo	✓		✓	\$19.80	
Hereford	Pack	No-choice SGL pack (frozen)	✓	✓	✓	\$15.45	10
		No-choice beef pack	✓		✓	\$12.60	
	SGL Individual	819111 Shrimptons Hill 170045	✓	✓	✓	\$19.80	11
		820128 Shrimptons Hill 190126	✓		✓	\$19.80	
		822133 Shrimptons Hill 200115	✓		✓	\$19.80	
		822137 Shrimptons Hill 200331	✓		✓	\$19.80	
	Beef Individual	724036 Waikaka Redford 2266	✓		✓	\$19.80	12
720151 Beechwood In Time 7		✓		✓	\$19.80		
Murray Grey	Pack	No-choice beef pack	✓		✓	\$12.60	13
	Individual	721186 Torrisdale Quercus	✓		✓	\$19.80	
Profit Maker®	Pack	No-choice beef pack	✓			\$12.60	14
		720167 Rissington Savannah	✓			\$19.80	
	Individual	722320 Rissington Reliant	✓			\$19.80	15
		721266 Rissington Expedite	✓			\$19.80	
Simmental	Pack	No-choice white-face beef pack	✓			\$12.60	21
		724038 Kerrah Lock n Load	✓			\$19.80	
	Individual	721344 Rissington Regent	✓			\$19.80	
Speckle Park	Pack	No-choice white beef pack	✓			\$16.70	22
		722083 Maungahina Rodeo	✓			\$21.20	
	Individual	722084 Maungahina Rebel	✓			\$21.20	23
		724032 Maungahina Toronto	✓			\$21.20	
		722082 Maungahina Royal Empire	✓			\$21.20	
Stabilizer®	Pack	No-choice beef pack	✓			\$12.60	20
		723090 Focus Meateor	✓			\$19.80	
	Individual	720073 Focus Optimizer	✓			\$19.80	

## Make every straw count

Now is the time to make sure every AB straw you use during mating has a specific purpose. If it's not generating high genetic merit replacement heifers for your herd (replacement AB), it needs to be gaining you more days-in-milk or producing a highly saleable beef x dairy calf (non-replacement AB).

By making an AB mating plan that strategically combines replacement and non-replacement AB options, you can make every straw you use play its part in meeting the challenges of driving herd improvement, farm sustainability, and farm profitability.

LIC is making significant investment in three genetic solutions to help you maximise your non-replacement AB options - Beef semen, short gestation length beef, and Short Gestation Length Dairy (SGL Dairy®).

### Beef semen

Our **Beef** sires are highly selected to produce beef x dairy calves that should be born easily, are vigorous and saleable. With potentially more of these calves available, and large differences in calf value, generating the right calf for the market is more important than ever.

Our lineup in the 2024 Beef Genetics Catalogue has breeds and the bulls, backed by relevant data, to help you produce the right calves no matter the beef market you are selling to.

The individual beef sires and packs in this catalogue are highly selected with the dairy farmer in mind, and also what adds value to calf rearers, graziers, finishers and beef processors. We have 'beefed up' the catalogue this year by adding new bulls to our lineup. The new bulls have solid growth and carcass figures, which should give you a great advantage when

selling calves, keeping stock for later sale or slaughter, while maintaining calving ease.

All bulls in the 2024 catalogue are backed by data from a variety of sources, including genetic evaluations, MINDA®, and the Beef + Lamb New Zealand Dairy Beef Progeny Test (DBPT).

### Short Gestation Length

Our **short gestation length beef** options are led by SGL Hereford from Shrimpton's Hill Herefords and SGL Angus bred by Rissington Cattle Company. Both genetic solutions give you a days-in-milk and fertility advantage (when compared to the average for gestation length of many beef breeds), combined with a saleable calf.

Our **SGL Dairy®** genetic solution not only gives you more days-in-milk, but by calving earlier the next season, cows mated to SGL Dairy have a greater chance of getting back in calf earlier next season, potentially gaining you days-in-milk the following season too. Strategically using SGL Dairy at the end of the mating period can also help to shorten your calving period next season. For more information on SGL Dairy head to page 10 of the Dairy Catalogue.

### Calving Difficulty

When choosing a beef breed, or bull within a breed, for calving difficulty, make sure to keep in mind the size, age, and condition of your cows as well as their previous calving history. In addition to bull genetics, there are many environmental factors that can influence the performance of dairy x beef calves.

All breeds have straws available in no-choice packs. These packs contain straws from both proven bulls (via the DBPT and MINDA®) and

younger, unproven bulls.

These younger bulls have been selected on their within-breed genetic merit and on the recommendation of their breeder.

Talk to your Agri Manager about how to optimise your mating plans and get the most value from your non-replacement straws. Your Agri Manager can help make sure that every straw counts toward your farm's bottom line.

# Homegrown beef genetics

Our network of New Zealand beef bull breeders has become increasingly tuned into the solutions their bulls can provide for dairy farmers, calf rearers, beef finishers and processors.

Our bull breeders have risen to the dairy beef challenge which includes investing in breeding programmes to shorten gestation length, selecting for calving ease, using genomic data, measuring net feed efficiency, and submitting their bulls for the scrutiny of progeny testing.

We are proud that this year's catalogue features bulls from breeders who have been in the business for decades. Their guidance and intimate knowledge of the breed and their own breeding programmes is both valued and trusted.

Both the Profit Maker® breed from Rissington Cattle Company and the Stabilizer® breed from Focus Genetics (Pāmu) have been developed with a laser-like focus on performance for generations. We're seeing impressive results from both of these breeds when it comes to their dairy-beef progeny.

Our beef Hereford offering has been bolstered by two new bulls from the Paterson family's well-known Waikaka Station in Southland, and from the Burrows family Beechwood Polled Herefords, Canterbury. Both bulls offer breed-leading figures for calving ease, together with growth and heavier carcass weights. These bulls line up alongside the well-established and proven Shrimpton's Hill SGL Hereford bull team.

Our LIC-marketed Charolais, supplied by Kakahu near Geraldine, continue to rise in popularity.

Stokman Angus, Waikite Valley, Rotorua have supplied us with a bull from their impressive breeding programme. We welcome the Knauf family from Kerrah Simmentals, Wairoa, to this year's catalogue.

The Murray Grey breed is a new addition this year. Since the 70s this breed has been a beef favourite among dairy farmers for consistent colour-marking of calves and saleability, and

the bulls from Torrisdale Murray Grey Stud are among the best.

With a lineup of new bulls, we continue to source Speckle Park genetics from Maungahina Stud in the Wairarapa, home of the largest performance-recorded herd for that breed in the country.

The Wilkinson family from Ohaupo, Waikato are part of a new generation of breeders producing beefy moderate

frame Lowline cattle. Like all of our beef bull breeders, they have a strong history of performance recording and an eye to future market requirements.

At LIC we are excited about the opportunities for dairy beef in New Zealand. Together with our local bull breeders, we continue to invest and innovate for the benefits of our dairy farmers and for the beef sector.

### Home-grown partnerships

The majority of our beef sires in the 2024 catalogue are sourced from these well-respected New Zealand breeders...





# Saleable calves with fewer surprises

**DPT**  
DAIRY PROGENY TESTED



No one likes surprises at calving time or when finishing cattle through to a target. That's why Dairy Progeny Tested bulls are such a good choice to produce calves that perform at all stages of the value chain.

The Beef + Lamb New Zealand Dairy Beef Progeny Test stretches back to 2015. From this programme, we have data on more than 4,800 beef x dairy progeny sired by 170 New Zealand beef sires from 17 different beef breeds.

This data helps us identify and prove beef bulls that have short gestation length, easy calving, excellent growth rates and superior carcass traits.

The result is a hand-picked selection of beef sires suitable for widespread use in the dairy industry.

And you can pick them yourself in this catalogue by looking for the Dairy Progeny Tested Label.

**Dairy Progeny Tested. Results That Count.**



## Dairy Beef Progeny Test (DBPT)

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### Dairy Beef Progeny Test (DBPT)

Beef + Lamb New Zealand (B+LNZ) Genetics and LIC are working together to fulfil growing demand for quality beef genetics suitable for New Zealand dairy cows.

The B+LNZ Genetics DBPT aims to improve the quality of dairy beef animals in the industry by identifying and enabling wider use of elite bulls for producing dairy beef. Beef breeders can nominate their best bulls to be tested and access a potential path to the dairy market for the first time by working with LIC.

The Dairy Beef Progeny Test began in 2015 and now has eight years of data, collected on more than 4800 beef x dairy progeny sired by 170 beef bulls from 17 different beef breeds.

Each year crossbred dairy cows at Pāmu's Renown farm at Wairakei Pastoral are inseminated to around 20-24 beef sires. The calves are reared at Pāmu's nearby Exeter Farm before being grown on Pāmu finishing properties under commercial farming conditions.

Each beef sire that enters the Progeny Test is selected by a multi-party panel that considers calving ease, gestation length, growth and carcass genetic merit together with any other information supplied by the breeder. In all instances, the bulls entering the Progeny Test are considered to be among the best in their breed for producing dairy-beef.

From the moment they are born, beef x dairy calves in the Progeny Test are measured for birth weight, gestation length and the time (number of days) taken to reach a weaning weight. From there, live weights are measured at key time points through to slaughter. At the time of slaughter carcass weight, marbling and other carcass quality traits are recorded on all animals.

All data is independently analysed by researchers from the School of Agriculture and Environment at Massey University. In this year's catalogue, nine bulls have data from the programme. Of these, five are individually nominated sires, and have been stamped with an LIC 'Dairy Progeny Tested' label. These bulls, representing Murray Grey, Hereford and Charolais are among the top graduates from the Dairy Beef Progeny Test.

All results from this test are available online <https://www.blznzgenetics.com/progeny-tests/beef-progeny-tests>

LIC thanks Beef + Lamb New Zealand Genetics for their foresight and on-going support of this programme. Thank you to the farm staff at Pāmu for your management of these cattle and continued support.

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### Performance of bull breed in the Dairy Beef Progeny Test

These results, from 2015 to November 2023, summarise performance of the beef x dairy progeny of beef sires in the Progeny Test.

The bulls selected to enter the progeny test are generally 'better than average' for traits of dairy importance (in particular, birth weight and gestation length). The graphs on the next page are representative of these highly selected cohorts of bulls rather than their breed in general. Breed averages are only shown for breeds with more than four sires per breed.

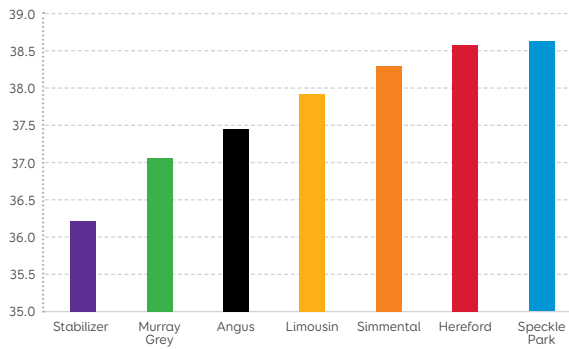
Note that only a few breeds are represented for carcass weight and marbling. These data are still arriving. For the traits of dairy importance,

lower values are sometimes desirable, so breeds with lighter calves, short gestation length and fewer days to reach weaning weight are grouped at the left of these three graphs. For traits of beef importance, breeds with heavier yearling weights, higher carcass weights and increased marbling scores are shown on the right of those three graphs.

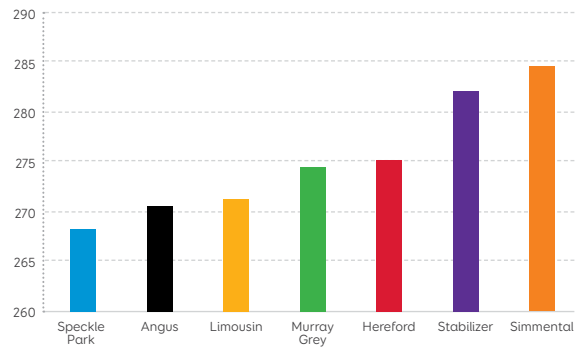
## Dairy Importance

## Beef Importance

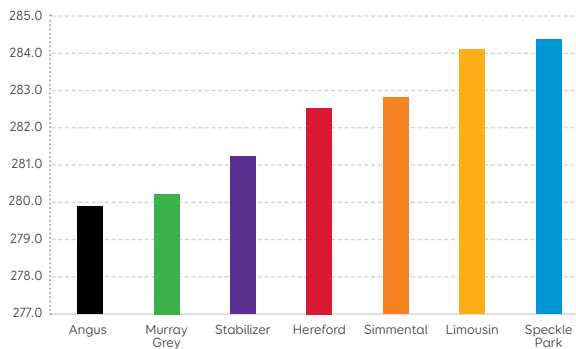
Average of Birth Weight (kg)



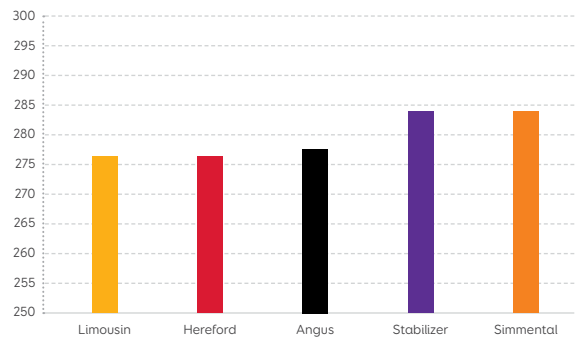
Average of 400 Day Live Weight (kg)



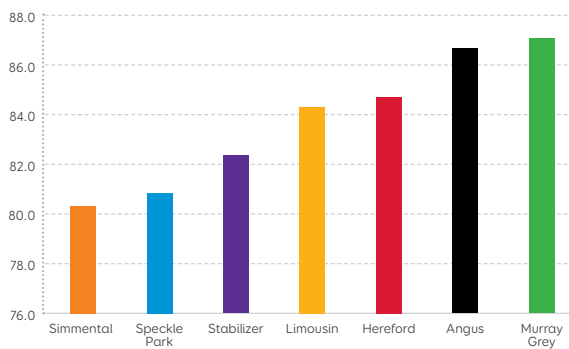
Average of Gestation Length (Days)



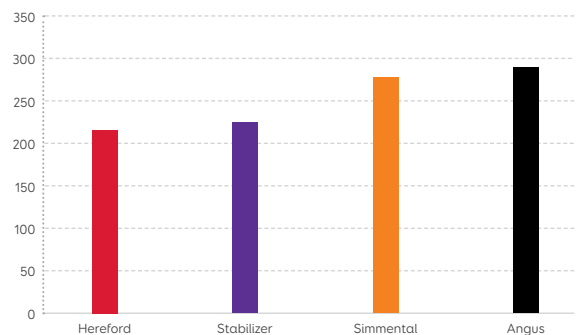
Average of Carcase Weight (kg)



Average of Weaning Age (Days)



Average of Marbling Score







### Johanna Taylor

**Longhill Farms**  
Northland

"We only mate the top-30% of our herd to replacement-quality semen. The other 70% are inseminated to beef. We rear all the beef calves and sell some of them as feeder calves, the heifers as weaners, and we sell the steers at 15 months.

"We use Angus and Charolais semen. The Charolais is used in mature cows; the Angus (which generally produce smaller calves) go into the second calvers and the much older cows.

"We've had zero calving problems with the LIC bulls... they come out quite big, but they're narrow in the shoulder so they're just easy-calving. We've just sold our 15-month-old animals and the Charolais-cross cattle gone within a day - there's such a high demand for them."



### Mark Bridges

**Director of Farming, Southern Pastures**  
North and South Island

"The use of beef genetics across our highly efficient dairy animals has to produce something impressive: that is, the progeny must be fast-growing, it must look like a beef animal, and it must taste like a beef animal. We're trying to produce something that beef farmers want."

"We've been working closely with LIC and Rissington for the last 3-4 years, and we've chosen to use the Profit Maker® product. We use it across our cross-bred herd. We see Profit Maker genetics being a good mix with our breeding. The calves we're producing will have high chance of being influenced by the Jersey factor, and therefore we'll be getting a pretty good eating sensation... it'll have a bit of fat and marbling capability."



# How to Read an Individual Beef Sire Page

**A tag icon** indicates that progeny of this sire or product is eligible for the Angus X Dairy tag. For More information, head to the Tag Shop on the LIC website - [shop.lic.co.nz/tags](http://shop.lic.co.nz/tags)

**Average gestation lengths** of the sire's dairy beef progeny will be displayed for bulls that have average gestation lengths from the B+LNZ Genetics Dairy Beef Progeny Test, or reliable MINDA® gestation length BVs based on recorded calvings.

**Polled** The polled gene is dominant and carriers are born without horns. Homozygous polled ("100% polled") bulls will always produce polled offspring, whereas 50% of offspring from heterozygous polled ("50% polled") bulls will have horns.

**Calving Ease (%) EBVs** are based on calving difficulty scores, birth weights and gestation lengths of pure beef progeny. More positive EBVs are favourable.

**Gestation Length (days) EBVs** estimate the length of pregnancy for a sire's progeny. More negative EBVs indicate shorter gestation lengths.

**400 day weight /Yearling Weight (kg) EBVs** are based on a sire's purebred progeny weights at this age. More positive EBVs indicate heavier progeny (faster growth).

**Intramuscular Fat (%) EBV** (also known as marbling) estimates the genetic difference in the % of intramuscular fat at the 12/13th rib site in a standard carcass. More positive EBVs are usually favoured.

**% Rank** indicates how good or bad a sire is for a trait. Lower values indicate superior bulls. For example a % rank of 5 indicates that they are in the top 5% for that trait, and better than the other 95% of sires.

724000 Example Bull

Breeder: Example Breeder
Individually \$19.80<sup>+gst</sup>

**Proven Progeny Averages**

Data Source	Gestation Length	Birth Weight
DBPT	281.5 days	35.5 kg
MINDA®	281.7 days	

100% Polled

Non Carrier

Not a Dilution Carrier

**Within-breed Evaluation**

Dairy Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Calving Ease	6.1	Hard				Easy	25
Gestation Length	-8.9	Long				Short	5
Birth Weight	2.3	Heavy				Light	20
Beef Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
400 Day Weight	113	Light				Heavy	5
Carcass Weight	77	Light				Heavy	20
Eye Muscle Area	7.5	Less				More	35
Intramuscular Fat	3.6	Less				More	20
Feed to Gain	3.6	Less				More	20

**BEEFPRINT®**

- Methane Efficiency
- Nitrogen Efficiency

**Feed to gain (kg)** indicates feed efficiency for beef production. The EBV predicts the difference in amount of feed that a bull's progeny will eat to produce 1 kg of liveweight gain. More negative EBVs indicate less feed required for 1kg of weight gain.

**DPT** Bulls that have the "DPT Dairy Progeny Tested" stamp on their photo have been a part of the B+LNZ Genetics Dairy Beef Progeny Test.

**Red Carrier** Red coat colour is recessive to black, so bulls can carry red coat colour without expressing it. If red carriers are mated together then red calves are possible.

**Birth Weight** For bulls that have been used in the B+LNZ Genetics Dairy Beef Progeny Test, the average birthweights from their dairy beef progeny will be shown.

**Dilution Carrier** Some breeds can carry the dilution gene which is dominant. It dilutes black base coats to grey/silver and red coats to gold/yellow.

**Birth Weight (kg) EBVs** are based on the recorded birth weights of a sire's purebred progeny. Lower EBVs indicate lighter calves.

**Carcass Weight (kg) EBVs** are based on a sire's purebred progeny weights at the time of slaughter. More positive EBVs indicate heavier carcasses.

**Eye Muscle Area (sq cm) EBVs** estimate muscling. More positive EBVs indicate progeny are likely to be more muscled and have more higher-value cuts of meat.

**LIC's BeefPrint®** index assigns beef bulls a score based on their estimated methane and nitrogen efficiency. The higher the score, the greater the efficiency. For more information, head to the BeefPrint® page on the LIC website.

**Genetic Evaluation** This will either be a within-breed or multi-breed evaluation. Within-breed evaluation EBVs and rankings can only be compared for bulls of the same breed. Profit Maker® and Stabilizer® each use a separate and distinct multi-breed platform so their EBVs cannot be compared to other bulls within this catalogue.



## SGL Hereford

- Hereford is the most popular beef breed in LIC’s Beef Genetics Catalogue
- The Herefords’ distinctive white face makes for easy calf identification and confidence in the saleyard
- The Short Gestation Length (SGL) Hereford pack can be ordered as either Fresh (liquid) or Frozen
- The average gestation length of crossbred dairy cows mated to SGL Hereford was 278.9 days (50,585 records in the 2023 calving season)
- LIC has the shortest gestation Hereford bull used via AB in the NZ dairy industry to date (top left page 11). At 275.6 days, he also ranks first from 170 sires (across 17 breeds) tested over eight years in the B+LNZ Genetics Dairy Beef Progeny Test
- A higher proportion of the SGL bulls are homozygous polled this year

LIC’s SGL Hereford product is sourced exclusively from Australasia’s leading short gestation Hereford stud – Shrimpton's Hill Herefords. For the past 21 years, Shrimpton’s Hill have been actively breeding for the dairy industry – with an emphasis on shortening gestation length combined with improving growth, yield and marbling. Over the past 10 years, LIC have partnered with Shrimpton’s Hill to bring the best possible individual SGL Hereford bulls and teams to market.

**SGL Hereford is available as a no-choice pack or individual.**



Four-day-old SGL Hereford calves from crossbred dams

### Coat Colour Possibilities:



<b>No-choice SGL Hereford pack</b> (contains heterozygous and homozygous polled bulls)				<b>\$20.90</b> (+GST) fresh (incl tech)*	<b>\$19.90</b> (+GST) fresh (DIY)*	<b>\$15.45</b> (+GST) frozen
<b>Within-breed ranking (can only compare to other Herefords)</b>						
<b>Calving Ease</b>	<b>Gestation Length</b>	<b>Birth Weight</b>	<b>400 Day Weight</b>	<b>Carcase Weight</b>	<b>Eye Muscle Area</b>	<b>Intramuscular Fat</b>
Top 7%	Top 1%	Top 23%	Top 80%	Top 70%	Top 60%	Top 60%

\* contributes to Premier Sires sliding scale

### 819111 Shrimpton's Hill 170045

Breeder: Shrimpton's Hill Herefords

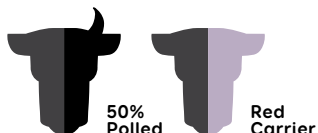
Individually

\$19.80<sup>+gst</sup>



#### Proven Progeny Averages

Data Source	Gestation Length	Birth Weight
DBPT	275.6 days	34.1 kg
MINDA®	276.2 days	



#### Within-breed Evaluation

Dairy Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank	
Calving Ease	12.2	Hard	[Progressive bar chart]				Easy	3
Gestation Length	-14.1	Long	[Progressive bar chart]				Short	1
Birth Weight	0.8	Heavy	[Progressive bar chart]				Light	11
Beef Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank	
400 Day Weight	57	Light	[Progressive bar chart]				Heavy	50
Carcase Weight	58	Light	[Progressive bar chart]				Heavy	35
Eye Muscle Area	4.7	Less	[Progressive bar chart]				More	30
Intramuscular Fat	0.6	Less	[Progressive bar chart]				More	55

### 820128 Shrimpton's Hill 190126

Breeder: Shrimpton's Hill Herefords

Individually

\$19.80<sup>+gst</sup>



#### Proven Progeny Averages

Data Source	Gestation Length	Birth Weight
DBPT	281.6 days	36.6 kg
MINDA®	281.0 days	



#### Within-breed Evaluation

Dairy Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank	
Calving Ease	12.6	Hard	[Progressive bar chart]				Easy	2
Gestation Length	-9.6	Long	[Progressive bar chart]				Short	1
Birth Weight	2.9	Heavy	[Progressive bar chart]				Light	35
Beef Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank	
400 Day Weight	64	Light	[Progressive bar chart]				Heavy	30
Carcase Weight	60	Light	[Progressive bar chart]				Heavy	30
Eye Muscle Area	3.5	Less	[Progressive bar chart]				More	65
Intramuscular Fat	0.7	Less	[Progressive bar chart]				More	50

### 822133 Shrimpton's Hill 200115

Breeder: Shrimpton's Hill Herefords

Individually

\$19.80<sup>+gst</sup>



#### Proven Progeny Averages

Data Source	Gestation Length
MINDA®	279.7 days



#### Within-breed Evaluation

Dairy Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank	
Calving Ease	8.8	Hard	[Progressive bar chart]				Easy	14
Gestation Length	-7.9	Long	[Progressive bar chart]				Short	1
Birth Weight	3.1	Heavy	[Progressive bar chart]				Light	40
Beef Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank	
400 Day Weight	57	Light	[Progressive bar chart]				Heavy	50
Carcase Weight	57	Light	[Progressive bar chart]				Heavy	40
Eye Muscle Area	6.7	Less	[Progressive bar chart]				More	6
Intramuscular Fat	1.3	Less	[Progressive bar chart]				More	18

### 822137 Shrimpton's Hill 200331

Breeder: Shrimpton's Hill Herefords

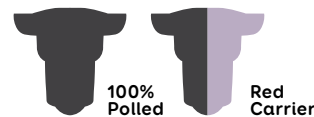
Individually

\$19.80<sup>+gst</sup>



#### Proven Progeny Averages

Data Source	Gestation Length
MINDA®	280.6 days



#### Within-breed Evaluation

Dairy Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank	
Calving Ease	11.1	Hard	[Progressive bar chart]				Easy	5
Gestation Length	-6.4	Long	[Progressive bar chart]				Short	2
Birth Weight	2.5	Heavy	[Progressive bar chart]				Light	30
Beef Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank	
400 Day Weight	63	Light	[Progressive bar chart]				Heavy	30
Carcase Weight	68	Light	[Progressive bar chart]				Heavy	11
Eye Muscle Area	4.9	Less	[Progressive bar chart]				More	30
Intramuscular Fat	-0.3	Less	[Progressive bar chart]				More	95





Partnered with Beechwood Polled Herefords

# Hereford

Introducing new Hereford bulls that are sourced from Beechwood Polled Herefords and Waikaka Station. Both bulls bring genuine growth rate and heavier carcass options above which LIC has ever offered previously. The beef Hereford pack is only available as Frozen.

<b>No-choice Hereford beef pack</b> (homozygous polled)							<b>\$12.60</b> <sub>(+GST)</sub> frozen
<b>Within-breed ranking (can only compare to other Herefords)</b>							
<b>Calving Ease</b>	<b>Gestation Length</b>	<b>Birth Weight</b>	<b>400 Day Weight</b>	<b>Carcass Weight</b>	<b>Eye Muscle Area</b>	<b>Intramuscular Fat</b>	
Top 8%	Top 23%	Top 14%	Top 40%	Top 15%	Top 30%	Top 55%	

## 724036 Waikaka Redford 2266

Breeder: Waikaka Herefords      Individually      \$19.80<sub>+gst</sub>

From the Paterson family in Waikaka, Gore, Redford is LIC's number one pick of all 2022-born Hereford bulls in New Zealand. He boasts exceptional figures - he is in the top 3% of the breed for calving ease and the top 6% for gestation length. His growth and carcass figures stack up, with his 400-day weight in the top 12% and carcass weight in the top 1% for the breed. He ranks in the highest 0.2% of the breed in the NZ Hereford Dairy Terminal Index. In short, his progeny should be born easily, grow fast, and yield well at slaughter. We believe there will be a groundswell of support for this young bull.



### Proven Progeny Averages

Data Source	Gestation Length
MINDA®	Due 2025



## 720151 Beechwood In Time 7

Breeder: Beechwood Polled Herefords      Individually      \$19.80<sub>+gst</sub>

In Time is a simply outstanding proven five-year-old bull. His calving ease EBV puts him in the top 1% of the breed. His carcass weight and eye muscle area EBVs both rank him in the top 6% of the breed. These figures indicate that his progeny will be born easily and will continue to grow well through to slaughter and yield well. These outstanding features came through in his B+LNZ Genetics Dairy Beef Progeny Test results. He made the Dairy Beef Progeny Test "top 20 all-rounder" list as one of the few bulls tested over the eight years that ranked highly for both dairy and beef performance traits.



### Proven Progeny Averages

Data Source	Gestation Length	Birth Weight
DBPT	281.6 days	35.1 kg
MINDA®	Due 2025	



### Within-breed Evaluation

Dairy Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Calving Ease	11.9	Hard	[Progressive bar]			Easy	3
Gestation Length	-4.3	Long	[Progressive bar]			Short	6
Birth Weight	0.5	Heavy	[Progressive bar]			Light	9
Beef Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
400 Day Weight	70	Light	[Progressive bar]			Heavy	12
Carcass Weight	84	Light	[Progressive bar]			Heavy	1
Eye Muscle Area	5.6	Less	[Progressive bar]			More	15
Intramuscular Fat	1.6	Less	[Progressive bar]			More	10

### Within-breed Evaluation

Dairy Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Calving Ease	13.2	Hard	[Progressive bar]			Easy	1
Gestation Length	-2.3	Long	[Progressive bar]			Short	20
Birth Weight	0.1	Heavy	[Progressive bar]			Light	6
Beef Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
400 Day Weight	60	Light	[Progressive bar]			Heavy	40
Carcass Weight	69	Light	[Progressive bar]			Heavy	10
Eye Muscle Area	6.3	Less	[Progressive bar]			More	8
Intramuscular Fat	0.2	Less	[Progressive bar]			More	80



## Murray Grey

The Murray Grey breed makes its debut being profiled in the LIC catalogue with bulls selected from the progressive breeding programme of Torrissdale Murray Grey near Winton, Southland. The Murray Grey breed has been popular with dairy farmers for reliable easy calving, well colour marked calves and quiet easy cattle.

The bulls we have catalogued are a highly selected few that have had performance bred into them over many generations. Based purely on his Breedplan EBVs, Quercus has the best figures we have seen for a silver Murray Grey bull - being Dairy Progeny Tested is a genuine bonus.

### Product options:

- No-choice Murray Grey beef pack - \$12.60 + GST
- Individual Murray Grey bull (Quercus) - \$19.80 + GST



### No-choice Murray Grey beef pack (homozygous polled)

\$12.60 (+GST)

Within-breed pack average ranking (can only be compared to other Murray Greys)

Calving Ease	Gestation Length	Birth Weight	400 Day Weight	Carcase Weight	Eye Muscle Area	Intramuscular Fat
Top 5%	Top 10%	Top 30%	Top 13%	Top 11%	Top 3%	Top 2%

### 721186 Torrissdale Quercus

Breeder: Torrissdale Murray Grey Stud

Individually

\$19.80  
+gst

The silver bull from the deep south. Quercus has been used extensively within the Torrissdale Stud and comes to us from New Zealand's largest performance-recorded Murray Grey herd.

This Dairy Progeny-Tested bull placed in the top 16% of all beef sires in the DBPT for gestation length (278.9 days) and top 32% for birth weight of his beef x dairy progeny at 36.9kg. His Breedplan EBVs have him in the top 5% of the Murray Grey breed worldwide for calving ease. For the beef finisher, his figures place him in the top 9% for 400 day weight, top 6% for carcass weight, and an impressive top 1% and 3% for muscling and marbling, respectively. He ranks well within the top 1% of the breed in NZ on the Murray Grey Dairy Index, indicating he is a natural go-to for dairy farmers wanting top Murray Grey genetics.



### Proven Progeny Averages

Data Source	Gestation Length	Birth Weight
DBPT	278.9 days	36.9kg
MINDA®	281.7 days	



100%  
Polled



Dilution  
Carrier

### Within-breed Evaluation

Dairy Significance	EBV		99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Calving Ease	3.2	Hard	[Progressive bar]				Easy	5
Gestation Length	-2.1	Long	[Progressive bar]				Short	9
Birth Weight	2.6	Heavy	[Progressive bar]				Light	30
Beef Significance	EBV		99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
400 Day Weight	54	Light	[Progressive bar]				Heavy	9
Carcase Weight	50	Light	[Progressive bar]				Heavy	6
Eye Muscle Area	4.2	Less	[Progressive bar]				More	1
Intramuscular Fat	1.1	Less	[Progressive bar]				More	3



## Profit Maker®

- Homozygous Polled and solid-coloured homozygous black
- A performance-oriented breed from a large international and scientifically-backed breeding programme
- Highly competitive breed for measured beef x dairy performance for traits from birth through to carcass

There is nothing traditional about Rissington's Profit Maker® breed. Profit Makers are the complete package - a breed that has been performance-oriented from the get-go. In Rissington's breeding programme, these cattle have been highly-selected for five key traits - calving ease, growth, feed efficiency and carcass (marbling and yield). While the origins of Profit Maker are based on retaining hybrid vigour in beef cow herds, the other purpose being the blend of complementary characteristics of different breeds has proven to be a real winner when it comes to optimising performance from New Zealand dairy cows. There is little doubt why we're seeing large dairy herds turning to this breed for rearing and finishing beef x dairy steers or bulls and heifers through to slaughter.

Rissington Profit Maker bulls are selected using Rissington's \$Beef® Index for NZ dairy utilising the Leachman Global Multibreed Analysis containing 1.5 million beef animals and carcass testing on more than ten thousand beef dairy crosses.

### Product options:

- No-choice Profit Maker® beef pack - \$12.60 + GST
- Your choice of Profit Maker bull - \$19.80 + GST (page 15)

### Coat Colour Possibility:



### No-choice Profit Maker® beef pack (homozygous black, homozygous polled)

\$12.60 (+GST)

Multi-breed average ranking (can not be compared to within-breed data)

Gestation Length	Birth Weight	Yearling Weight	Carcass Weight	Eye Muscle Area	Intramuscular Fat
Top 1%	Top 5%	Top 8%	Top 2%	Top 20%	Top 1%



Profit Maker® x dairy steers

## 721266 Rissington Expedite

Breeder: Rissington Cattle Company Individually \$19.80<sub>+gst</sub>

Expedite is a homozygous black, homozygous polled Profit Maker® bull that is a genuine outlier for all the traits that matter for the dairy farmer and beef finisher. On the Leachman Global Multibreed Analysis, it is no surprise Expedite ranks highly across breeds for \$Beef® Index, given his place in the top 1% for gestation length, birth weight, carcass weight, marbling and feed to gain.



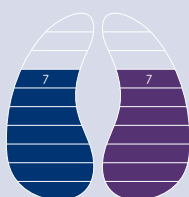
### Proven Progeny Averages

Data Source	Gestation Length
MINDA®	Due 2025



### Multi-breed Evaluation

Dairy Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Gestation Length	-4.0	Heavy				Light	1
Birth Weight	-3.7	Heavy				Light	1
Beef Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Yearling Weight	98	Light				Heavy	8
Carcass Weight	58	Light				Heavy	1
Eye Muscle Area	0.9	Less				More	35
Intramuscular Fat	1.2	Less				More	1
Feed to Gain	-0.26	Less				More	1



### BEEFPRINT®

- Methane Efficiency
- Nitrogen Efficiency

## 722320 Rissington Reliant

Breeder: Rissington Cattle Company Individually \$19.80<sub>+gst</sub>

Reliant is a standout Profit Maker® sire that is homozygous black and homozygous polled. He is in the top 2% of the breed for gestation length and marbling, top 2% for weaning weight and carcass weight, and top 35% for birth weight. Like Expedite, he has superb, documented feed efficiency. Reliant also sits in the top 3% for \$Beef® Index and has been used extensively in the New Zealand dairy sector over the last two years



### Proven Progeny Averages

Data Source	Gestation Length
MINDA®	283.0 days



### Multi-breed Evaluation

Dairy Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Gestation Length	-2.1	Heavy				Light	2
Birth Weight	0.9	Heavy				Light	35
Beef Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Yearling Weight	102	Light				Heavy	5
Carcass Weight	56	Light				Heavy	2
Eye Muscle Area	1.0	Less				More	25
Intramuscular Fat	0.8	Less				More	2
Feed to Gain	-0.29	Less				More	1



### BEEFPRINT®

- Methane Efficiency
- Nitrogen Efficiency



## Charolais

- Driven by demand from buyers for calves that ‘rocket out of the gate’ and continue to put on weight, Charolais have seen the greatest increase in semen demand of any beef breed in LIC’s catalogue over the past three years
  - A great colour-marking option with all LIC-marketed Charolais being homozygous polled
  - Adds muscle and conformation to a dairy beef carcase
- Kakahu Milestone is from the same stud as previous standout sire Kakahu Gerry. Milestones’ within-breed EBVs exceed those of Gerry for traits of dairy importance as well as growth and carcase. His first results are in from the B+LNZ Genetics Dairy Beef Progeny Test. In that programme, he ranks 12th out of all sires for the shortest time for his beef x dairy progeny to reach weaning weight.

**Product options:**

- No-choice Charolais beef pack - \$12.60 + GST
- Your choice of Charolais bull - \$19.80 + GST



**Charolais calves showing variance of possible coat colours**



**No-choice Charolais beef pack**  
(homozygous polled)

**\$12.60 (+GST)**

Within-breed pack average ranking (can only be compared to other Charolais)

Calving Ease	Gestation Length	Birth Weight	400 Day Weight	Carcase Weight	Eye Muscle Area	Intramuscular Fat
Top 3%	Top 6%	Top 2%	Top 35%	Top 40%	Top 30%	Top 13%



Kakahu Milestone at LIC



722402 Kakahu **Apollo**

Breeder: Kakahu Stud

Individually

\$19.80  
+gst

One of the most impressive looking Charolais bulls we have seen, and much admired by visitors to LIC's bull farm. Apollo's EBVs match his amazing phenotype. Within the NZ Charolais evaluation, he is in the top 5% for calving ease and top 10% for gestation length. His growth figures place him in the top third of the breed and his eye muscle area is in the top 6%. Like Milestone, he is a go-to option for calves that will grow through to heavier weights and command attention in the marketplace. Recommended for mature cows only.



## Proven Progeny Averages

Data Source	Gestation Length
MINDA®	281.9 days

100%  
PolledRed  
CarrierDilution  
Carrier

## Within-breed Evaluation

Dairy Significance	EBV		99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Calving Ease	11.4	Hard					Easy	5
Gestation Length	-4.9	Long					Short	10
Birth Weight	-2.8	Heavy					Light	4
Beef Significance	EBV		99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
400 Day Weight	34	Light					Heavy	30
Carcase Weight	25	Light					Heavy	45
Eye Muscle Area	2.8	Less					More	6
Intramuscular Fat	0.1	Less					More	30

722400 Kakahu **Milestone**

Breeder: Kakahu Stud

Individually

\$19.80  
+gst

Milestone continues to set the standard for Charolais. His first results from the B+LNZ Genetics Dairy Beef Progeny Test sees Milestone ranked 12th out of 170 sires for his beef x dairy progeny to reach weaning weight in the shortest timeframe (76 days). Milestone's beef x dairy calves had a lighter birth weight than those other 11 sires, and a shorter gestation length than all but three. Milestone is a true outlier. Within the NZ Charolais evaluation, he is in the top 3% for calving ease and top 1% for gestation length. His growth figures place him in the top 3% of the breed for yearling weight and top 9% for carcass weight.



## Proven Progeny Averages

Data Source	Gestation Length	Birth Weight
DBPT	280.5 days	38.6kg
MINDA®	281.3 days	

100%  
PolledRed  
CarrierDilution  
Carrier

## Within-breed Evaluation

Dairy Significance	EBV		99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Calving Ease	14.0	Hard					Easy	3
Gestation Length	-7.2	Long					Short	1
Birth Weight	-3.4	Heavy					Light	2
Beef Significance	EBV		99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
400 Day Weight	47	Light					Heavy	3
Carcase Weight	33	Light					Heavy	9
Eye Muscle Area	1.5	Less					More	45
Intramuscular Fat	1.3	Less					More	1

# Angus




Naturally polled and black, Angus are the backbone of the New Zealand beef industry - for good reason. New Zealand Angus are known for calving ease, shorter gestation lengths than many other beef breeds, good growth and ability to finish and grade well. The better New Zealand-bred Angus have demonstrated a real ability to marble from pasture and this has been backed up by results in the B+LNZ Genetics Dairy Beef Progeny Test where Angus made up many of the top-ranking sires for marbling performance.

All LIC-marketed Angus bulls are bred by AngusPRO members, Rissington Cattle Company and Stokman Angus, who breed high performance cattle backed by a scientific approach. Compared with many beef breeders these operations have achieved high rates of genetic gain using a leading-edge genetic evaluation, large dataset and genomic information. At LIC, we firmly believe that these progressive Angus breeders are generating some of the best possible beef genetics available to the dairy industry today.

Angus is available as either individual bulls (page 19) or in one of the pack options - SGL Angus pack or the no-choice Angus beef pack. The average gestation length of crossbred cows mated to SGL Angus was 278.9 days (5,352 calving records in 2023).

**Product options:**

- No-choice Angus beef pack - \$12.60 + GST
- No-choice SGL Angus pack - \$15.45 + GST
- Your choice of Angus bull - \$19.80 + GST (page 19)

<b>No-choice Angus beef pack</b> (homozygous polled)								<b>\$12.60</b> (+GST)
<b>Within-breed pack average ranking (can only be compared to other Angus)</b>								
<b>Calving Ease</b>	<b>Gestation Length</b>	<b>Birth Weight</b>	<b>400 Day Weight</b>	<b>Carcase Weight</b>	<b>Eye Muscle Area</b>	<b>Intramuscular Fat</b>		
Top 7%	Top 30%	Top 9%	Top 65%	Top 55%	Top 23%	Top 23%		

<b>No-choice SGL Angus pack</b> (homozygous polled)								<b>\$15.45</b> (+GST)
<b>Within-breed pack average ranking (can only be compared to other Angus)</b>								
<b>Calving Ease</b>	<b>Gestation Length</b>	<b>Birth Weight</b>	<b>400 Day Weight</b>	<b>Carcase Weight</b>	<b>Eye Muscle Area</b>	<b>Intramuscular Fat</b>		
Top 6%	Top 5%	Top 5%	Top 80%	Top 70%	Top 23%	Top 20%		



Rissington yearling Angus bulls grazing at LIC

**Coat Colour Possibilities:**



Note: it is common for Angus x Dairy calves to have some white on them, often around the navel.



## 722196 Stokman **Solution** S329

Breeder: Stokman Angus

Individually

\$19.80<sub>+gst</sub>

We believe that Solution is one of the best Angus bulls available anywhere today. This bull excels right across the board and contributes to both dairy farmer and beef finisher profitability. Within the Trans-Tasman Angus Evaluation, he ranks in the top 1% of the breed for calving ease and the best 2% for gestation length. For growth, his figures place him in the top-third of the breed for 400 day weight and carcass weight, and for processors he excels for both muscling and marbling. Even within the most intensely performance recorded beef breed in the world, Stokman Solution is a rare find.



### Proven Progeny Averages

Data Source	Gestation Length
MINDA®	Due 2025



100% Polled



Not a Red carrier

### Within-breed Evaluation

Dairy Significance		EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Calving Ease	11.9	Hard	[Progress bar]				Easy	1
Gestation Length	-10.2	Long	[Progress bar]				Short	2
Birth Weight	-0.5	Heavy	[Progress bar]				Light	1
Beef Significance		EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
400 Day Weight	97	Light	[Progress bar]				Heavy	33
Carcass Weight	71	Light	[Progress bar]				Heavy	38
Eye Muscle Area	11.2	Less	[Progress bar]				More	9
Intramuscular Fat	2.8	Less	[Progress bar]				More	35



## 721261 Rissington **Paradox**

Breeder: Rissington Cattle Company

Individually

\$19.80<sub>+gst</sub>

Bred by Rissington Cattle Company in Hawke's Bay, Paradox lives up to his name. A proven sire who not only delivers on calving ease and days in milk, but also progeny growth (top 5% for yearling weight in the Leachman Multi-Breed Evaluation). Combined with solid growth and carcass figures, it's no surprise Paradox was among the highest ranking of all Rissington bulls on the \$Beef® Index.



### Proven Progeny Averages

Data Source	Gestation Length
MINDA®	280.2 days



100% Polled



Not a Red carrier

### Within-breed Evaluation

Dairy Significance		EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Calving Ease	5.4	Hard	[Progress bar]				Easy	23
Gestation Length	-7.2	Long	[Progress bar]				Short	13
Birth Weight	1.9	Heavy	[Progress bar]				Light	12
Beef Significance		EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
400 Day Weight	108	Light	[Progress bar]				Heavy	10
Carcass Weight	76	Light	[Progress bar]				Heavy	25
Eye Muscle Area	7.4	Less	[Progress bar]				More	39
Intramuscular Fat	4.1	Less	[Progress bar]				More	12



BEEFPRINT®

- Methane Efficiency
- Nitrogen Efficiency





## Stabilizer®

The Stabilizer® breed from Focus Genetics (a wholly-owned subsidiary of Pāmu) continue to make impressive gains within the large nucleus herd on Goudies Farm, Reporoa. This beef breed is used extensively across many Pāmu dairy herds, where it forms a part of their national non-replacement calf strategy. Stabilizer x dairy calves wean early, finish faster and yield more meat than many breeds while still maintaining short gestation, calving ease and colour marking.

We're seeing impressive results from this breed when it comes to their dairy-beef progeny. Of the breeds represented by four or more sires in the B+LNZ Genetics Dairy Beef Progeny Test, Stabilizer was an all-round performer breed for birth weight, gestation length, age at weaning, yearling weight and carcass weight (Page 7).

Stabilizer is available as two nominated sires and two packs. The homozygous Black Stabilizer beef pack will result in only black calves while the Red Stabilizer beef pack can produce calves that are either black or red. Calves will generally be a solid colour.

**No-choice Red Stabilizer pack** \$12.60 (+GST)  
(homozygous polled)

**No-choice Black Stabilizer pack** \$12.60 (+GST)  
(Homozygous black and homozygous polled)

### 723090 Focus Meateor

Breeder: Focus Genetics Individually \$19.80 (+gst)

Meateor has exceptional birth weight to yearling growth, making him a curve bender and great calving ease option. He is homozygous polled with a rich red dilution-free coat. He has the highest growth figures of any Stabilizer® bull in this catalogue, in addition to being in the top 1-2% of the evaluation for calving ease, gestation length and eye muscle area. Meateor is a quiet, easy handling bull with good muscle expression from a young age.



### 720073 Focus Optimizer

Breeder: Focus Genetics Individually \$19.80 (+gst)

This bull is a highly proven homozygous black and homozygous polled individual, whose offspring have demonstrated outstanding performance at weaning. Optimizer has been widely used within both Pāmu's dairy and beef herds. Notably, in the Stabilizer® evaluation, he ranks in an impressive top 2% for calving ease, gestation length and birth weight. His carcass yield is exceptional, scoring in the top 1% for eye muscle area and top 1% on a combined index for dairy desirability.



#### Proven Progeny Averages

Data Source	Gestation Length
MINDA®	Due 2025



#### Proven Progeny Averages

Data Source	Gestation Length
MINDA®	284.5 days



#### Focus Genetics Multi-breed Evaluation

Dairy Significance	EBV		99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Calving Ease	15.9	Hard					Easy	2
Gestation Length	-5.9	Long					Short	1
Birth Weight	-1.2	Heavy					Light	4
Beef Significance	EBV		99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
400 Day Weight	80	Light					Heavy	15
Carcass Weight	36	Light					Heavy	65
Eye Muscle Area	7.5	Less					More	1
Intramuscular Fat	0.8	Less					More	15

#### Focus Genetics Multi-breed Evaluation

Dairy Significance	EBV		99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Calving Ease	14.5	Hard					Easy	2
Gestation Length	-5.3	Long					Short	2
Birth Weight	-1.3	Heavy					Light	4
Beef Significance	EBV		99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
400 Day Weight	62	Light					Heavy	50
Carcass Weight	35	Light					Heavy	70
Eye Muscle Area	9.6	Less					More	1
Intramuscular Fat	1.1	Less					More	4



# Simmental



Simmental has proven itself to be the weight gain breed of the B+LNZ Genetics Dairy Beef Progeny Test. When managed under commercial conditions, Simmental crosses took the fewest days to reach weaning weight, they were the heaviest at yearling weight and the heaviest on the hooks (Page 7).

LIC's Simmental are supplied by Rissington Cattle Company and Kerrah Simmental.

Kerrah Simmentals is New Zealand's largest performance recorded Simmental herd. The Kerrah breeding programme is focused on selecting animals that perform in a difficult climate, in a commercially run operation. Lock n Load is LIC's pick of the 2022-born bulls from the Kerrah Simmental herd. He is a quiet, easy calving bull that comes with a short gestation length. His Simmental Breedplan EBVs place him in the top 10% for calving ease and the top 11% for gestation length.

LIC's beef pack sires are all red with white faces, however variable markings should be expected from Simmental sires.

No-choice Simmental beef pack (homozygous polled)							\$12.60 (+GST)
Within-breed pack average ranking (can only be compared to other Simmental)							
Calving Ease	Gestation Length	Birth Weight	400 Day Weight	Carcase Weight	Eye Muscle Area	Intramuscular Fat	
Top 11%	Top 16%	Top 12%	Top 30%	Top 23%	Top 40%	Top 14%	

724038 Kerrah **Lock n Load**

Breeder: Kerrah Simmentals      Individually      \$19.80<sub>+gst</sub>

Proven Progeny Averages	
Data Source	Gestation Length
MINDA®	Due 2025



Within-breed Evaluation								
Dairy Significance	EBV		99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup> %rank	
Calving Ease	8.2	Hard	[Progress bar]				Easy	10
Gestation Length	-4.0	Long	[Progress bar]				Short	11
Birth Weight	0.8	Heavy	[Progress bar]				Light	14
Beef Significance	EBV		99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup> %rank	
400 Day Weight	78	Light	[Progress bar]				Heavy	55
Carcase Weight	57	Light	[Progress bar]				Heavy	45
Eye Muscle Area	2.8	Less	[Progress bar]				More	80
Intramuscular Fat	0.5	Less	[Progress bar]				More	23

721344 Rissington **Regent**

Breeder: Rissington Cattle Company      Individually      \$19.80<sub>+gst</sub>

Proven Progeny Averages	
Data Source	Gestation Length
MINDA®	284.1 days



Within-breed Evaluation								
Dairy Significance	EBV		99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup> %rank	
Calving Ease	10.4	Hard	[Progress bar]				Easy	4
Gestation Length	-4.0	Long	[Progress bar]				Short	11
Birth Weight	-0.2	Heavy	[Progress bar]				Light	5
Beef Significance	EBV		99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup> %rank	
400 Day Weight	89	Light	[Progress bar]				Heavy	15
Carcase Weight	65	Light	[Progress bar]				Heavy	12
Eye Muscle Area	3.5	Less	[Progress bar]				More	55
Intramuscular Fat	0.9	Less	[Progress bar]				More	6



## Speckle Park

- LIC is supplied Speckle Park genetics by Maungahina Stud in Masterton
  - All Speckle Park beef pack bulls are homozygous polled and white-coated for maximum colour marking of progeny
- Maungahina Stud is home to one of New Zealand's foremost Speckle Park herds. With over a century of beef stud cattle breeding in their family, the McKenzie's apply intense selection pressure on the performance and structure of their cattle to produce high-performing genetics. Speckle Park are polled, early maturing, with a very desirable level of marbling. They produce impressive yielding carcasses with weight gains targeting 18-month markets.

**Product options:**

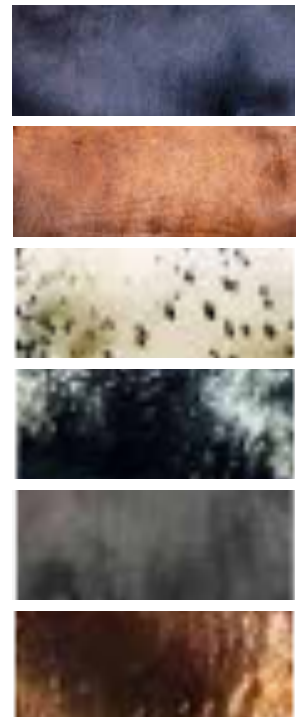
- No-choice Speckle Park beef pack - \$16.70 + GST
- Your choice of Speckle Park bull - \$21.20 + GST (page 23)

<b>No-choice white Speckle Park beef pack</b> (homozygous polled)					<b>\$16.70</b> (+GST)	
<b>Within-breed ranking (can only be compared to other Speckle Park)</b>						
<b>Gestation Length</b>	<b>Birth Weight</b>	<b>400 Day Weight</b>	<b>Carcase Weight</b>	<b>Eye Muscle Area</b>	<b>Intramuscular Fat</b>	
Top 13%	Top 55%	Top 17%	Top 17%	Top 40%	Top 23%	



Speckle Park cross dairy calves.

**Coat Colour Possibilities:**





## 722083 Maungahina Rodeo (White)

Breeder: Maungahina Stud

Individually

\$21.20<sub>+gst</sub>



### Proven Progeny Averages

Data Source	Gestation Length
MINDA®	281.0 days



### Within-breed Evaluation

Dairy Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Gestation Length	-1	Long	[Bar]			Short	17
Birth Weight	3.3	Heavy	[Bar]			Light	90
Beef Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
400 Day Weight	52	Light	[Bar]			Heavy	1
Carcase Weight	42	Light	[Bar]			Heavy	1
Eye Muscle Area	0.7	Less	[Bar]			More	40
Intramuscular Fat	0.2	Less	[Bar]			More	35

## 722084 Maungahina Rebel (White)

Breeder: Maungahina Stud

Individually

\$21.20<sub>+gst</sub>



### Proven Progeny Averages

Data Source	Gestation Length
MINDA®	281.5 days



### Within-breed Evaluation

Dairy Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Gestation Length	-1.2	Long	[Bar]			Short	13
Birth Weight	1.7	Heavy	[Bar]			Light	55
Beef Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
400 Day Weight	36	Light	[Bar]			Heavy	15
Carcase Weight	27	Light	[Bar]			Heavy	19
Eye Muscle Area	1.3	Less	[Bar]			More	12
Intramuscular Fat	0.2	Less	[Bar]			More	35

## 724032 Maungahina Toronto (Leopard)

Breeder: Maungahina Stud

Individually

\$21.20<sub>+gst</sub>



### Proven Progeny Averages

Data Source	Gestation Length
MINDA®	Due 2025



### Within-breed Evaluation

Dairy Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Gestation Length	-0.5	Long	[Bar]			Short	35
Birth Weight	2.1	Heavy	[Bar]			Light	65
Beef Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
400 Day Weight	36	Light	[Bar]			Heavy	15
Carcase Weight	29	Light	[Bar]			Heavy	14
Eye Muscle Area	-0.1	Less	[Bar]			More	85
Intramuscular Fat	0.4	Less	[Bar]			More	18

## 722082 Maungahina Royal Empire (White)

Breeder: Maungahina Stud

Individually

\$21.20<sub>+gst</sub>



### Proven Progeny Averages

Data Source	Gestation Length
MINDA®	280.8 days



### Within-breed Evaluation

Dairy Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
Gestation Length	-2.8	Long	[Bar]			Short	1
Birth Weight	-0.7	Heavy	[Bar]			Light	6
Beef Significance	EBV	99 <sup>th</sup>	75 <sup>th</sup>	50 <sup>th</sup>	25 <sup>th</sup>	1 <sup>st</sup>	%rank
400 Day Weight	24	Light	[Bar]			Heavy	50
Carcase Weight	18	Light	[Bar]			Heavy	55
Eye Muscle Area	-0.2	Less	[Bar]			More	85
Intramuscular Fat	0.5	Less	[Bar]			More	13

## Australian Lowline/Slick Profit Maker®

### Australian Lowline

Lowline cattle in New Zealand are new on the dairy-beef scene. Bred in Australia, Lowline cattle offer the dairy farmer easy calving, polled solid coated calves that are easy to rear. The Lowlines beefy moderate frame matches well with moderate to large framed dairy cows to produce early maturing well marbled dairy-beef progeny from 18 months. Lowland Park Lowlines is focused on producing beefy faster growing Lowlines.



#### Product options:

- No-choice Australian Lowline pack - \$12.60 + GST
- Individual Australian Lowline bull (Tassie) - \$19.80 + GST

#### 724040 Lowland Park Tassie

Breeder: Lowland Park Beef

Individually

\$19.80  
+gst

Tassie is a superior calving ease bull, with fast early growth and easy finishing that will be passed to his dairy-beef progeny. Tassie's own birthweight was 27kg following a 280-day gestation. He weighed 413 kg liveweight at 17 months old.



100%  
Polled



Not a  
Red  
Carrier



Not a  
Dilution  
Carrier



### Slick Profit Maker®



#### 720167 Rissington Savannah

Breeder: Rissington Cattle Company

Individually

\$19.80  
+gst

Rissington Savannah is homozygous polled and homozygous for the slick gene. The slick gene provides heat tolerance to cattle and is common in tropical beef breeds. Savannah is 37.5% Senepol, 37.5% Simmental and 25% Angus. All of Savannah's progeny will be polled and more heat tolerant than their non-slick peers.



100%  
Polled



Red  
Carrier



Not a  
Dilution  
Carrier





## Additional Beef Bulls

AB Code	Breed	Name	Polled Status	Sire	Dam	Price (+GST)
721402	Belgian Blue	Woodleigh Crown	Homozygous polled	Woodleigh Western 311A109	Woodleigh Enthuse 53rd 315A49	\$19.00
716005	Dexter	Jimaris Oakley Cruise	Unknown	Whare Ra Cruise	Summer Wine Elleen	\$21.00
721084	Galloway (Belted)	Ranch Galloways Yogi 906	Polled	Lilliesleaf Archie 1404	Ranch Galloways Yasmin	\$36.00
719117	Galloway	Tekooa Lewis (White)	Homozygous polled	Tekooa Banner	Moonshine Lucky	\$36.00
721142	Galloway	Tawhai Pedro (White)	Unknown	Tawhai Lockie	Tawhai Princess	\$36.00
717007	Gelbvieh	Tawera Rau U822 (AI)	Unkown	Double U Freedom Fog 201M	Tawera Mere PM213	\$21.00
710081	Hereford	Koanui Boulder 9217	Homozygous polled	Koanui Boulder 7050	Koanui Irane 6110	\$21.00
715001	Hereford	NZHA Oberlin 13 40	Homozygous polled	Matapouri Koa 09 99	Matapouri Fay 09 101	\$20.00
504574	MRI	Glenmark Laurie	Unknown	Crosslea Julius	Crosslea Hazel	\$13.00
504575	MRI	Redford Manus 41	Unknown	Jasiri Ivan	Crosslea Ina	\$13.00
703097	Red Angus	Rissington Lion King (01886)	Homozygous polled	Rissington Red AF498	Rissington Red Sarah 118	\$13.00
717040	Red Devon	Waiuku Fire 48/16	Unknown	Tinopai TO 1359	Tinopai IQ Helen 1256	\$17.00
703046	Red Poll	Willowlea Super Sire	Homozygous polled	Oakwood Super Sire	Willow Lea Christina R15	\$9.00
716004	Santa Gertrudis	Blue Stone CJ174	Unknown	Gyranda Crackerjack V532	Bluestone Anne A506	\$11.00
714033	Scottish Highland	Harry PBW4 (Black)	Horned	-	-	\$26.00
715139	Scottish Highland	Balmoral of Berwick GYW3 (Red)	Horned	Campbell Og of Killara	Isabella of Berwick	\$26.00
723176	Scottish Highland	Geal Iain of Clachanburn (Yellow)	Horned	Eadon Fintry NZ8303	Clachanburn Elsa GN19003	\$26.00
719034	Scottish Highland	Ice of Strathburn (Cream)	Horned	Braco Saxon	Isla 7th of Trellisick	\$26.00
719024	Simmental	Rissington Beacon	Heterozygous polled	Hooks Beacon 56B	Rissington AB5061	\$19.00
721342	Simmental	Rissington Delegate Q162	Heterozygous polled	Hooks Delegate 64D	Rissington AD34	\$19.00
721343	Simmental	Rissington 190517	Heterozygous polled	Kerrah A456	Rissington AF177	\$19.00
716061	Speckle Park	Maungahina Kidmans Cove (Leopard)	Heterozygous polled	SPKNZ Falcon	Mainstream E12	\$19.00
720062	Speckle Park	Maungahina Norgate N268 (White)	Heterozygous polled	Maungahina Kidmans Cove	Maungahina H61	\$19.00
720159	Speckle Park	Maungahina Promise (White)	Homozygous polled	Maungahina Lawrin	Maungahina J13	\$19.00
722081	Speckle Park	Maungahina Rambo (Leopard)	Homozygous polled	Maungahina Maximus	Maungahina L253	\$19.00
719022	Speckle Park	Maungahina Northern Star (White)	Heterozygous polled	Maungahina Kidmans Cove	SPKNZ SPN H6	\$19.00
720060	Speckle Park	Premier 54z Platinum P5 (Speckled)	Homozygous polled	River Hill 60W Line Drive 54Z	Premier E25 Melisa K249	\$19.00
719070	Stabilizer®	Focus Beef Maker (Red)	Homozygous polled	Focus Stabilizer 121303	Focus Trinity 135263	\$17.00
723180	Wagyu	Number 8 Ito Leopolded	Heterozygous polled	Poll Wagyu P1932	Number 8 DS Lily	\$19.00

## Additional Beef Pack options

Beef bulls are selected predominantly for calving ease and gestation length within-breed.

You may purchase pack semen from any of the following breeds (you have no choice of bulls within each breed):

Beef Shorthorn  
Blonde D'Aquitaine

Limousin  
Piedmontese

Romagnola  
Salers

Order in quantities of x5 straws per pack

\*InvestaMate discounts may apply if all discount criteria are met

Per straw **\$12.60\***  
+gst

## Sexed Beef

LIC is offering a number of breeds for male-sorted frozen sexed beef semen in 2024:

**SGL Hereford** \$38.50 + GST

**SGL Angus** \$38.50 + GST

**Polled Charolais** \$38.50 + GST

**Polled Speckle Park** \$42.15 + GST

**Polled Profit Maker<sup>®</sup>** \$38.50 + GST

*Quantities are limited so contact your Agri Manager to place your order as soon as possible. Frozen sexed beef semen is a no-choice product.*



Sexing Technologies are contracted to sex-sort LIC's top dairy and beef sires, and their state-of-the-art equipment optimises the straining of cells, removes dead sperm cells during the process, and utilises specialty media to ensure the best possible chances of conception.

**LIC frozen sexed semen straws contain 4 million sperm cells per straw and achieve an average of 90% gender accuracy**

The use of female sex-sorted dairy semen across your top animals, and selective use of beef semen over cows that shouldn't be creating replacement heifers can accelerate rates of genetic gain and progress toward any goal. Along with that, the use of beef semen presents an opportunity to reduce the number of lesser-value surplus calves leaving the farm.

*Note: Users of frozen sexed semen are required to sign a disclaimer to acknowledge they may experience lower NRR results than expected.*



Young SGL Hereford sires at Shrimpton's Hill Herefords

**Single AI Use Provision:** The customer agrees that each straw of sorted semen purchased or otherwise acquired by LIC shall only be used by the customer for the single use artificial insemination of one female bovine with the intent to produce a single offspring, and not for in vitro fertilization or embryo transfer unless specifically approved on an individual customer basis by Inguran d/b/a Sexing Technologies (Navasota, Texas, USA) in writing.

**Breeding restrictions for LIC beef products:** All beef semen, whether supplied by LIC-owned beef bulls or purchased through third party beef breeders is covered by LIC's clause 62-63 in LIC Service Rules, which restricts any offspring from LIC supplied semen being collected for semen production. The Service Rules can be found on LIC's website [www.lic.co.nz](http://www.lic.co.nz)





Beef x dairy steers in the B+LNZ Genetics Dairy Beef Progeny Test trial. Photo taken at Pāmu Wairakei Estate.

**LIC**

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