



# RED BREED 2025 EXPORT SIRE DIRECTORY

– August 2025 ABV



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# More than 65 years of Genetic Improvement

Genetics Australia was formed in 1958 as a farmer owned cooperative and commenced progeny testing bulls in 1960.

As the use of AI became more widespread around Australia the cooperative developed many top proven bulls that went on to have a significant influence on genetic improvement in the Australia dairy herd for generations.

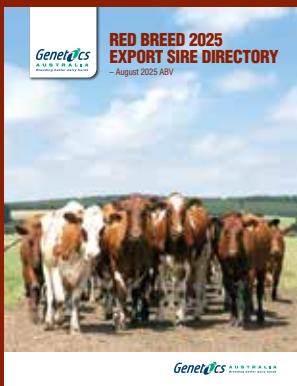
In the 1960's and 70's these Australian proven bulls were blended with the best from New Zealand to develop an efficient adaptable cow able to convert pasture into profitable milk production.

By the mid-1980s as the widespread movement of genetics grew genetics from North America and Europe were infused with

the best of the local population. Australian breeders embraced this new source of genetics and today , together with the use of new technologies Australian bred bulls are capable of competing with the best sources of genetics from around the world.

The Australian cow is an efficient producer in a low-cost grazing system but can also respond when challenged with additional quality feed will respond with increased milk production. Through the aggressive development of non-production traits and the importance placed on traits such as Fertility, Feed Efficiency, mastitis resistance and functional type the Australian dairy cow can produce for many profitable lactations.

Genetics Australia 1960



Our cover: Photograph courtesy of Shutterbytes by Michele Hamilton, Mt. Gambier East, South Australia

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**Source data:** Data referencing Australian Breeding values (ABVs') information is sourced from datagene August 2025 breeding value release.

# Better Cows for a Better World

Welcome to the Genetics Australia 2025 Red Breeds Export Sire Directory

Since our foundation in 1958 as Victorian Artificial Breeders [VAB], our mission has been clear:

To increase the prosperity and profitability of farmers through the advancement of genetics.

Today, in partnership with global genetics leader URUS, we continue to deliver on that mission—combining cooperative values with innovative technologies to produce genetics that are:

- *Designed for grazing systems*
- *Responsive to higher feed inputs when available*
- *Focused on resilience, sustainability, and profitability*

Red Breeds add diversity and provide valuable options for crossbreeding. This directory features two important Australian Red Breeds:

## The Australian Red Dairy Breed (ARDB)

The ARDB was established more than 40 years ago by progressive Illawarra Shorthorn breeders determined to expand genetic

diversity in their breed. Some infused Red Holstein genetics, while others introduced Scandinavian Red breeds to also enhance fertility, health, and robustness.

Though smaller in number than Holsteins and Jerseys, Australian Reds have proven themselves as a profitable alternative—especially successful in three-way crossbreeding programs where strength, fertility, and resilience are required.

## The Australian Illawarra Shorthorn [AIS]

The Illawarra breed continues thanks to a passionate group of breeders and herds found across Australia. Known for their hardiness and resilience, modern Illawarra's are stylish, productive cows, capable of delivering high volumes of quality milk while maintaining adaptability in diverse environments.

## Genetics You Can Trust

The sires in this directory come from some of Australia's most productive herds and cow families. They can strengthen red herds or provide a valuable outcross option for crossbreeding programs worldwide.

## Why Choose Australian Genetics?

Australia's dairy industry spans one of the most diverse farming environments in the world—from tropical north Queensland to temperate Victoria, from drought-prone inland regions to cold, windswept coasts.

This unique environment produces cows that are:

- *Hardy and adaptable – thrive in heat, cold, or challenging conditions*
- *Efficient and mobile – suited to grazing and walking long distances daily*
- *Resilient performers – proven in low-input systems, yet excel under intensive feeding*

While production levels in Australia may appear lower than in high-input countries, exported Australian genetics consistently demonstrate elite output and adaptability in intensive systems worldwide.

For sire details or to connect with a Genetics Australia distributor, please see the contact information on the back cover.





# BLITZON

Tokyo x Bon jovi

**\$BPI** **113/70%**

**HWI** **44/59%**

**SI** **354/66%**

## Beaulands Blitzon

Herdbook: 30833

Sire:	VR Kalback Tuomi Tokyo	Bull ID:	ARBBLITZON
Dam:	Beaulands Bonjovi Birdie 26603	Nasis:	12UUT05
Source:	Beaulands Aussie Reds, Nowra, NSW	Casein:	A22 AA
Haplotype:	Genetic Code:		



- Backed by a well proven cow family
- Boost milk volume and protein kgs
- Use to improve dairy strength & power

## Production Aug. 2024 ABV

38 dtrs 13 herds RIP 76%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
<b>85</b>	<b>20</b>	<b>0.00</b>	<b>749</b>	<b>4</b>	<b>-0.41</b>	<b>94</b>

## Workability Traits

10 dtrs 4 herds Rel 63%

Milking Speed	<b>101</b>	Overall Type	<b>105</b>	Loin Strength	<b>104</b>
Temperament	<b>102</b>	Mammary	<b>104</b>	Heel Depth	<b>100</b>
Likeability	<b>103</b>	Dairy Strength	<b>106</b>	Rear Leg Set	<b>102</b>
		Rump	<b>102</b>	Rear Leg Rear View	<b>100</b>
		Management Traits			
Cell Count	<b>105 /101%</b>	Feet & Legs	<b>100</b>	Udder Texture	<b>105</b>
Mastitis Resistance	<b>101 /52%</b>	Stature	<b>105</b>	Udder Depth	<b>101</b>
Survival	<b>104 /50%</b>	Bone Quality	<b>102</b>	Fore Attach	<b>100</b>
Daughter Fertility	<b>95 /52%</b>	Angularity	<b>105</b>	Rear Udder Height	<b>102</b>
Gestation Length	<b>0 /a94%</b>	Muzzle Width	<b>102</b>	Rear Udder Width	<b>100</b>
Feed Saved	<b>-74 /28%</b>	Body Depth	<b>106</b>	Centre Ligament	<b>108</b>
		Chest Width	<b>104</b>	Teat Place Front	<b>105</b>
		Pin Width	<b>100</b>	Teat Place Rear	<b>104</b>
		Pin Set	<b>100</b>	Teat Length	<b>100</b>

# BOOBOO

Wiking x Tokyo

## Production Aug. 2024 ABV

28 dtrs 5 herds RIP 100%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
<b>174</b>	<b>27</b>	<b>0.12</b>	<b>757</b>	<b>27</b>	<b>-0.08</b>	<b>77</b>



- Offers a well balanced production ABV
- Positive comments received on his 1st milking daughters
- Offers lower SCC and Mastitis Resistance

## Workability Traits

41 dtrs 0 herds Rel 0%

Milking Speed	<b>100</b>	Overall Type	<b>100</b>	Loin Strength	<b>99</b>
Temperament	<b>101</b>	Mammary	<b>99</b>	Heel Depth	<b>102</b>
Likeability	<b>101</b>	Dairy Strength	<b>100</b>	Rear Leg Set	<b>104</b>
		Rump	<b>101</b>	Rear Leg Rear View	<b>100</b>
		Management Traits			
Cell Count	<b>126 /76%</b>	Feet & Legs	<b>99</b>	Udder Texture	<b>104</b>
Mastitis Resistance	<b>102 /40%</b>	Stature	<b>102</b>	Udder Depth	<b>98</b>
Survival	<b>103 /34%</b>	Bone Quality	<b>101</b>	Fore Attach	<b>97</b>
Daughter Fertility	<b>96 /36%</b>	Angularity	<b>103</b>	Rear Udder Height	<b>102</b>
Gestation Length	<b>3 /a97%</b>	Muzzle Width	<b>96</b>	Rear Udder Width	<b>102</b>
Feed Saved	<b>-15 /23%</b>	Body Depth	<b>100</b>	Centre Ligament	<b>101</b>
		Chest Width	<b>98</b>	Teat Place Front	<b>95</b>
		Pin Width	<b>96</b>	Teat Place Rear	<b>99</b>
		Pin Set	<b>105</b>	Teat Length	<b>99</b>

# CAESAR

Aotearoa x Kenneth

\$BPI

195/81%

HWI

156/74%

SI

484/76%

## Waikato Farm Caesar

Herdbook: 29019

Sire: Waikato Farm Aotearoa  
 Dam: Waikato Farm Brooke 3934  
 Source: Waikato Farm Aussie Reds, Numurkah, VIC  
 Haplotype:

Bull ID: ARBCAESAR  
 Nasis: 12UUP04  
 Casein: A22 AB  
 Genetic Code:



- Daughter proven with more than 100 milking daughters
- Use ARBCAESAR to reduce the frame size in cows
- Extreme production sire and health trait improver

## Production Aug. 2024 ABV

129 dtrs 20 herds RIP 28%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
136	20	0.02	696	28	-0.02	95

## Workability Traits

61 dtrs 11 herds  
Rel 87%

Milking Speed	102
Temperament	101
Likeability	103
<b>Management Traits</b>	
Cell Count	124 /93%
Mastitis Resistance	104 /86%
Survival	103 /78%
Daughter Fertility	100 /88%
Gestation Length	0 /a96%
Feed Saved	8 /37%

## Conformation

20 dtrs 8 herds Rel 62%

Overall Type	100	Loin Strength	97
Mammary	92	Heel Depth	103
Dairy Strength	103	Rear Leg Set	96
Rump	97	Rear Leg Rear View	103
Feet & Legs	104	Udder Texture	97
Stature	97	Udder Depth	97
Bone Quality	104	Fore Attach	99
Angularity	104	Rear Udder Height	98
Muzzle Width	98	Rear Udder Width	91
Body Depth	105	Centre Ligament	95
Chest Width	100	Teat Place Front	93
Pin Width	99	Teat Place Rear	95
Pin Set	96	Teat Length	111

# DENNIS

Hosea x Froerup

\$BPI

296/50%

HWI

197/40%

SI

464/47%

## Homedale Dennis

Herdbook: 32481

Sire: VR Solvarp Hjuve Hosea  
 Dam: Homedale Froerup Winifred  
 Source: Homedale Australian Reds, Tragowel, Vic  
 Haplotype:

Bull ID: ARBDENNIS  
 Nasis: 12UUX15  
 Casein: A12 AA  
 Genetic Code:



- NEW RELEASE sire from the Homedale herd
- Offers extreme components @ 52 Fat kgs and 1.11%
- Balanced "No Holes" type proof

## Production Aug. 2024 ABV

0 dtrs 0 herds RIP 0%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
219	9	0.48	-590	52	1.11	74

## Workability Traits

0 dtrs 0 herds Rel 33%

Milking Speed	102
Temperament	101
Likeability	101
<b>Management Traits</b>	
Cell Count	113 /74%
Mastitis Resistance	102 /26%
Survival	105 /25%
Daughter Fertility	100 /28%
Gestation Length	2 /a36%
Feed Saved	-72 /18%

## Conformation

0 dtrs 0 herds Rel 31%

Overall Type	105	Loin Strength	103
Mammary	106	Heel Depth	99
Dairy Strength	101	Rear Leg Set	99
Rump	103	Rear Leg Rear View	102
Feet & Legs	101	Udder Texture	102
Stature	107	Udder Depth	103
Bone Quality	100	Fore Attach	103
Angularity	103	Rear Udder Height	104
Muzzle Width	100	Rear Udder Width	103
Body Depth	102	Centre Ligament	104
Chest Width	101	Teat Place Front	102
Pin Width	104	Teat Place Rear	101
Pin Set	101	Teat Length	101

# EDDIE

Fonesca x Tossiko

\$BPI

174/82%

HWI

102/74%

SI

434/76%

## Beaulands Eddie

Herdbook: 29582

Sire: VR Favre Fonesca  
Dam: Beaulands Tosikko Stately 25169 VG87  
Source: Beaulands Aussie Reds, Nowra, NSW  
Haplotype:

Bull ID: ARBEDDIE  
Nasis: 12UUP08  
Casein: A12  
Genetic Code:



- Backed by a well proven cow family
- Use to add dairy strength & power
- Will improve rear udders & add teat length

## Production Aug. 2024 ABV

93 dtrs 20 herds RIP 9%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
133	24	0.15	582	9	-0.23	96

## Workability Traits

87 dtrs 60 herds Rel 11%

Milking Speed	101
Temperament	101
Likeability	99

## Management Traits

Cell Count	121 /95%
Mastitis Resistance	102 /82%
Survival	103 /77%
Daughter Fertility	97 /88%
Gestation Length	-3 /94%
Feed Saved	-57 /37%

## Conformation

13 dtrs 3 herds Rel 66%

Overall Type	107	Loin Strength	99
Mammary	104	Heel Depth	95
Dairy Strength	107	Rear Leg Set	98
Rump	97	Rear Leg Rear View	105
Feet & Legs	102	Udder Texture	106
Stature	102	Udder Depth	99
Bone Quality	93	Fore Attach	105
Angularity	105	Rear Udder Height	109
Muzzle Width	102	Rear Udder Width	105
Body Depth	107	Centre Ligament	97
Chest Width	103	Teat Place Front	91
Pin Width	102	Teat Place Rear	96
Pin Set	96	Teat Length	104

# IVERSON

Hopkins x Onstad

\$BPI

340/49%

HWI

249/40%

SI

774/46%

## Beaulands Iverson

Herdbook: 32476

Sire: Horton Hopkins  
Dam: Beaulands Onstad Rosie 2  
Source: Beaulands Aussie Reds, Nowra, NSW  
Haplotype:

Bull ID: ARBIVERSON  
Nasis: 12UUX14  
Casein: A22 AB  
Genetic Code:



- NEW Release sire boasting superior Profitability and Functionality
- Increased Milk yield with improved Protein kgs and %
- Sustainability Choice Sire, Top 1% BPI, HWI and SI

## Production Aug. 2024 ABV

0 dtrs 0 herds RIP 0%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
255	30	0.41	296	38	0.36	72

## Workability Traits

0 dtrs 0 herds Rel 32%

Milking Speed	100
Temperament	102
Likeability	103

## Management Traits

Cell Count	105 /72%
Mastitis Resistance	102 /30%
Survival	107 /27%
Daughter Fertility	99 /29%
Gestation Length	1 /a52%
Feed Saved	-7 /18%

## Conformation

0 dtrs 0 herds Rel 32%

Overall Type	103	Loin Strength	100
Mammary	104	Heel Depth	99
Dairy Strength	101	Rear Leg Set	101
Rump	102	Rear Leg Rear View	98
Feet & Legs	98	Udder Texture	101
Stature	101	Udder Depth	103
Bone Quality	96	Fore Attach	103
Angularity	100	Rear Udder Height	102
Muzzle Width	101	Rear Udder Width	101
Body Depth	100	Centre Ligament	102
Chest Width	99	Teat Place Front	104
Pin Width	100	Teat Place Rear	101
Pin Set	102	Teat Length	98

# LEBRON

Hopkins x Foske

\$BPI

301/50%

HWI

227/40%

SI

749/47%

## Beaulands Lebron

Herdbook: 32477

Sire:	Horton Hopkins	Bull ID:	ARBLEBRON
Dam:	Beaulands Foske Lady 2	Nasis:	12UUX13
Source:	Beaulands Aussie Reds, Nowra, NSW	Casein:	A22 AB
Haplotype:		Genetic Code:	



- NEW Release sire offering high ASI and Milk yield
- Desirable Overall Type with improved udder quality
- Production specialist with improved total yields and percentages

## Production Aug. 2024 ABV

0 dtrs 0 herds Rel 0%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
225	34	0.23	797	30	-0.06	74

## Workability Traits

0 dtrs 0 herds Rel 31%

Milking Speed	101
Temperament	102
Likeability	102

## Conformation

0 dtrs 0 herds Rel 30%

Overall Type	101	Loin Strength	100
Mammary	102	Heel Depth	0
Dairy Strength	101	Rear Leg Set	102
Rump	100	Rear Leg Rear View	100
Feet & Legs	101	Udder Texture	100
Stature	100	Udder Depth	101
Bone Quality	98	Fore Attach	101
Angularity	102	Rear Udder Height	99
Muzzle Width	100	Rear Udder Width	102
Body Depth	100	Centre Ligament	103
Chest Width	99	Teat Place Front	104
Pin Width	101	Teat Place Rear	102
Pin Set	102	Teat Length	96

# CHARLIE

Caesar x Tokyo

\$BPI

307/53%

HWI

205/45%

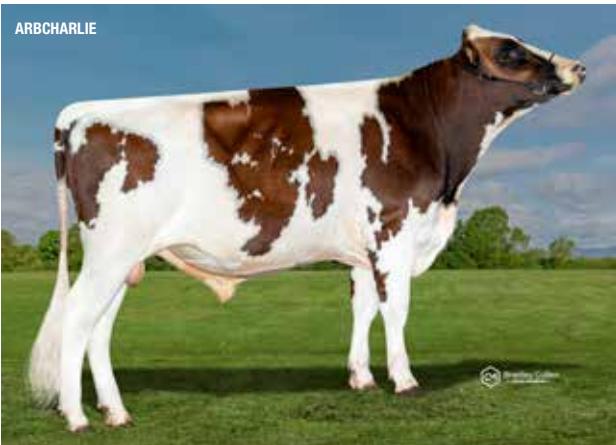
SI

668/50%

## Oaklands Pastoral Charlie

Herdbook: 32243

Sire:	Waikato Farm Caesar	Bull ID:	ARBCHARLIE
Dam:	Blackwood Park 1696	Nasis:	12UUW13
Source:	Oakland Pastoral, Mount Gambier, SA	Casein:	A22 AB
Haplotype:		Genetic Code:	



- Production specialist with improved total yields and percentages
- Moderate frames and correct leg set are a feature
- Sustainability Choice Sire, Top 1% BPI, HWI and SI

## Production Aug. 2024 ABV

0 dtrs 0 herds RIP 0%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
251	27	0.46	81	37	0.49	74

## Workability Traits

0 dtrs 0 herds Rel 43%

Milking Speed	101
Temperament	101
Likeability	103

## Conformation

0 dtrs 0 herds Rel 35%

Overall Type	102	Loin Strength	101
Mammary	97	Heel Depth	101
Dairy Strength	104	Rear Leg Set	99
Rump	100	Rear Leg Rear View	102
Feet & Legs	102	Udder Texture	100
Stature	100	Udder Depth	98
Bone Quality	102	Fore Attach	98
Angularity	105	Rear Udder Height	100
Muzzle Width	100	Rear Udder Width	96
Body Depth	105	Centre Ligament	99
Chest Width	101	Teat Place Front	97
Pin Width	99	Teat Place Rear	97
Pin Set	100	Teat Length	106

# ARBLEVI

Primestad x Tokyo

\$BPI

210/57%

HWI

117/48%

SI

451/54%

## Oaklands Pastoral Levi

Herdbook: 31499

Sire:	Waikato Farm Primestad P	Bull ID:	ARBLEVI
Dam:	Blackwood Park 1696	Nasis:	12UUUV15
Source:	Oakland Pastoral, Mount Gambier, SA	Casein:	A22 AA
Haplotype:		Genetic Code:	



- Offers improved udder health
- High components and added Dairy Strength
- Use to improve added Teat Length

## Production Aug. 2024 ABV

0 dtrs 0 herds Rel 0%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
155	18	0.25	160	23	0.23	79

## Workability Traits

0 dtrs 0 herds Rel 44%

Milking Speed	101
Temperament	103
Likeability	104

## Management Traits

Cell Count	119 /78%
Mastitis Resistance	102 /41%
Survival	105 /34%
Daughter Fertility	96 /43%
Gestation Length	-2 /a74%
Feed Saved	-72 /24%

## Conformation

0 dtrs 0 herds Rel 43%

Overall Type	105	Loin Strength	105
Mammary	103	Heel Depth	100
Dairy Strength	103	Rear Leg Set	102
Rump	102	Rear Leg Rear View	96
Feet & Legs	98	Udder Texture	103
Stature	107	Udder Depth	100
Bone Quality	100	Fore Attach	100
Angularity	103	Rear Udder Height	102
Muzzle Width	102	Rear Udder Width	100
Body Depth	101	Centre Ligament	104
Chest Width	102	Teat Place Front	102
Pin Width	102	Teat Place Rear	102
Pin Set	103	Teat Length	105

# MARNUS

Filur x Tokyo

\$BPI

114/76%

HWI

23/67%

SI

254/70%

## Beaulands Marnus

Herdbook: 30252

Sire:	VR Fonseca Filur	Bull ID:	ARBMARNUS
Dam:	Beaulands Tokyo Princess 29368	Nasis:	12UUS10
Source:	Beaulands Aussie Reds, Nowra, NSW	Casein:	A22 AB
Haplotype:		Genetic Code:	



- All round improver
- Adds dairy strength
- Adds body depth and improves udder texture

## Production Aug. 2024 ABV

61 dtrs 18 herds Rel 27%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
130	11	0.07	259	38	0.38	95

## Workability Traits

70 dtrs 21 herds Rel 5%

Milking Speed	103
Temperament	98
Likeability	100

## Management Traits

Cell Count	109 /94%
Mastitis Resistance	101 /101%
Survival	102 /53%
Daughter Fertility	94 /77%
Gestation Length	2 /a94%
Feed Saved	-49 /33%

## Conformation

6 dtrs 1 herds Rel 58%

Overall Type	104	Loin Strength	104
Mammary	99	Heel Depth	88
Dairy Strength	106	Rear Leg Set	100
Rump	105	Rear Leg Rear View	106
Feet & Legs	99	Udder Texture	105
Stature	103	Udder Depth	97
Bone Quality	101	Fore Attach	101
Angularity	108	Rear Udder Height	100
Muzzle Width	97	Rear Udder Width	98
Body Depth	106	Centre Ligament	98
Chest Width	100	Teat Place Front	96
Pin Width	98	Teat Place Rear	94
Pin Set	103	Teat Length	101

# MCKEON

Faabeli x Foske

\$BPI

137/67%

HWI

144/56%

SI

249/62%

## Beaulands McKeon

Herdbook: 31029

Sire:	VR Nivalan Fimbe Faabeli	Bull ID:	ARBMCKEON
Dam:	Beaulands Foske Rosie 25472 EX90 1E	Nasis:	12UUU12
Source:	Beaulands Aussie Reds, Nowra, NSW	Casein:	A12 AE
Haplotype:		Genetic Code:	



- Health traits improver
- Improves daughter fertility
- Leaves feed efficient moderate stature daughters

## Production Aug. 2024 ABV

42 dtrs 9 herds RIP 100%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
40	4	0.20	-233	-5	0.08	91

## Workability Traits

0 dtrs 0 herds Rel 46%

Milking Speed	103
Temperament	101
Likeability	103

## Management Traits

Cell Count	103 /90%
Mastitis Resistance	102 /50%
Survival	104 /44%
Daughter Fertility	103 /46%
Gestation Length	-1 /a95%
Feed Saved	12 /30%

## Conformation

4 dtrs 2 herds Rel 51%

Overall Type	101	Loin Strength	101
Mammary	102	Heel Depth	99
Dairy Strength	100	Rear Leg Set	102
Rump	98	Rear Leg Rear View	101
Feet & Legs	96	Udder Texture	101
Stature	99	Udder Depth	102
Bone Quality	99	Fore Attach	101
Angularity	99	Rear Udder Height	97
Muzzle Width	99	Rear Udder Width	101
Body Depth	100	Centre Ligament	106
Chest Width	100	Teat Place Front	106
Pin Width	101	Teat Place Rear	107
Pin Set	102	Teat Length	97

# MOPOKE

Cygnet x Firmino

\$BPI

296/60%

HWI

258/51%

SI

739/57%

## Longroad Mopoke

Herdbook: 32238

Sire:	Beaulands Swannie	Bull ID:	ARBMOPOKE
Dam:	Longroad Firmino Maddie	Nasis:	12UUW11
Source:	Longroad Reds, Nirranda South, VIC	Casein:	A22 AA
Haplotype:		Genetic Code:	



- Elite Red sire maximising increased Profitability
- Leader for Milk flow with more than 954 Litres and 32kgs Protein
- Sustainability Choice Sire, Top 1% BPI, HWI and SI

## Production Aug. 2024 ABV

0 dtrs 0 herds RIP 0%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
182	32	0.13	954	20	-0.30	84

## Workability Traits

0 dtrs 0 herds Rel 44%

Milking Speed	103
Temperament	101
Likeability	103

## Management Traits

Cell Count	126 /83%
Mastitis Resistance	102 /41%
Survival	107 /42%
Daughter Fertility	102 /47%
Gestation Length	0 /a75%
Feed Saved	-16 /22%

## Conformation

0 dtrs 0 herds Rel 40%

Overall Type	101	Loin Strength	104
Mammary	101	Heel Depth	101
Dairy Strength	102	Rear Leg Set	96
Rump	105	Rear Leg Rear View	96
Feet & Legs	98	Udder Texture	96
Stature	99	Udder Depth	97
Bone Quality	97	Fore Attach	98
Angularity	99	Rear Udder Height	99
Muzzle Width	103	Rear Udder Width	103
Body Depth	103	Centre Ligament	100
Chest Width	104	Teat Place Front	105
Pin Width	104	Teat Place Rear	101
Pin Set	105	Teat Length	94

# NINJAGO

Valpas x Foske

\$BPI

198/77%

HWI

166/69%

SI

378/72%

## Beaulands Ninjago

Herdbook: 29018

Sire:	Sammatin Valpas	Bull ID:	ARBNINJAGO
Dam:	Beaulands Foske Leaf GP84	Nasis:	12UUN03
Source:	Beaulands Aussie Reds, Nowra, NSW	Casein:	A22 AB
Haplotype:		Genetic Code:	



- Solid production sire now with milking daughters
- Use to improve Daughter Fertility
- Use to also improve rumps

## Production Aug. 2024 ABV

45 dtrs 14 herds RIP 8%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
147	12	0.19	74	35	0.45	95

## Workability Traits

29 dtrs 8 herds Rel 73%

Milking Speed	98
Temperament	102
Likeability	105

## Management Traits

Cell Count	102 /94%
Mastitis Resistance	101 /70%
Survival	104 /69%
Daughter Fertility	104 /79%
Gestation Length	3 /a90%
Feed Saved	-45 /35%

## Conformation

9 dtrs 4 herds Rel 60%

Overall Type	101	Loin Strength	99
Mammary	98	Heel Depth	95
Dairy Strength	102	Rear Leg Set	104
Rump	100	Rear Leg Rear View	97
Feet & Legs	97	Udder Texture	98
Stature	104	Udder Depth	102
Bone Quality	96	Fore Attach	101
Angularity	102	Rear Udder Height	93
Muzzle Width	102	Rear Udder Width	95
Body Depth	101	Centre Ligament	103
Chest Width	101	Teat Place Front	107
Pin Width	107	Teat Place Rear	106
Pin Set	99	Teat Length	97

# NORMAN

Primestad x Faber

\$BPI

249/62%

HWI

175/51%

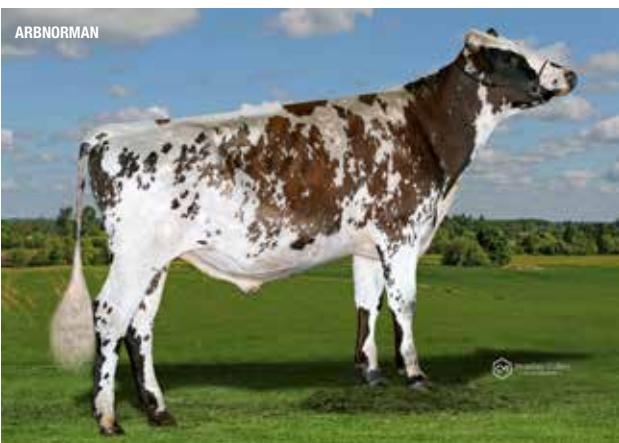
SI

585/59%

## Oaklands Pastoral Norman

Herdbook: 31500

Sire:	Waikato Farm Primestad P	Bull ID:	ARBNORMAN
Dam:	Blackwood Park 1416	Nasis:	12UUV14
Source:	Oakland Pastoral, Mount Gambier, SA	Casein:	A22 AA
Haplotype:		Genetic Code:	



- Foske FREE pedigree
- Extreme BPI and High production sire
- Complete all-round performance

## Production Aug. 2024 ABV

0 dtrs 0 herds RIP 0%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
184	26	0.43	125	8	0.04	90

## Workability Traits

0 dtrs 0 herds Rel 45%

Milking Speed	101
Temperament	104
Likeability	104

## Management Traits

Cell Count	106 /90%
Mastitis Resistance	101 /41%
Survival	105 /33%
Daughter Fertility	100 /43%
Gestation Length	-3 /a92%
Feed Saved	-46 /23%

## Conformation

0 dtrs 0 herds Rel 41%

Overall Type	102	Loin Strength	103
Mammary	101	Heel Depth	99
Dairy Strength	101	Rear Leg Set	102
Rump	101	Rear Leg Rear View	95
Feet & Legs	97	Udder Texture	101
Stature	105	Udder Depth	100
Bone Quality	100	Fore Attach	100
Angularity	101	Rear Udder Height	101
Muzzle Width	102	Rear Udder Width	99
Body Depth	100	Centre Ligament	103
Chest Width	100	Teat Place Front	101
Pin Width	101	Teat Place Rear	102
Pin Set	102	Teat Length	105

# PONGA

Enger x Foske

\$BPI

202/78%

HWI

158/70%

SI

521/73%

## Beaulands Ponga

Herdbook: 29533

Sire: Enger  
Dam: Beaulands Foske Leaf GP84  
Source: Beaulands Aussie Reds, Nowra, NSW  
Haplotype:

Bull ID: ARBPONGA  
Nasis: 12UUP06  
Casein: A22 AB  
Genetic Code:



- Reliable choice now with milking daughters
- A level of improved milk and total milk solids can be expected
- Production sire and the ability to sire moderate frame size

## Production Aug. 2024 ABV

62 dtrs 15 herds RIP 19%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
167	23	0.17	539	26	0.04	95

## Workability Traits

25 dtrs 9 herds Rel 72%

Milking Speed	100	Overall Type	100	Loin Strength	99
Temperament	102	Mammary	100	Heel Depth	106
Likeability	103	Dairy Strength	99	Rear Leg Set	100
		Rump	104	Rear Leg Rear View	100
		Management Traits			
Cell Count	92 /94%	Feet & Legs	102	Udder Texture	101
Mastitis Resistance	99 /77%	Stature	101	Udder Depth	97
Survival	104 /67%	Bone Quality	100	Fore Attach	97
Daughter Fertility	101 /81%	Angularity	103	Rear Udder Height	96
Gestation Length	0 /a93%	Muzzle Width	98	Rear Udder Width	103
Feed Saved	5 /35%	Body Depth	98	Centre Ligament	104
		Chest Width	97	Teat Place Front	101
		Pin Width	101	Teat Place Rear	102
		Pin Set	109	Teat Length	100

# PRIMESTAD P

Onstad x Uddin

\$BPI

174/85%

HWI

85/78%

SI

413/79%

## Waikato Farm Primestad P

Herdbook: 30212

Sire: Onstad P  
Dam: Waikato Farm Primula 4209 Twin VG86  
Source: Waikato Farm Aussie Reds, Numurkah, VIC  
Haplotype:

Bull ID: ARBPRIMESTAD  
Nasis: 12UUR02  
Casein: A22 AA  
Genetic Code: POC



- Milking daughter impress
- Expected to improve Udder shape and added Teat Length
- Outstanding Temperament rating @ 105

## Production Aug. 2024 ABV

303 dtrs 39 herds RIP 50%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
125	19	0.14	421	16	-0.02	98

## Workability Traits

46 dtrs 8 herds Rel 80%

Milking Speed	101	Overall Type	105	Loin Strength	105
Temperament	105	Mammary	104	Heel Depth	100
Likeability	103	Dairy Strength	101	Rear Leg Set	103
		Rump	101	Rear Leg Rear View	92
		Management Traits			
Cell Count	115 /95%	Feet & Legs	97	Udder Texture	102
Mastitis Resistance	101 /93%	Stature	110	Udder Depth	100
Survival	105 /68%	Bone Quality	98	Fore Attach	103
Daughter Fertility	95 /90%	Angularity	101	Rear Udder Height	103
Gestation Length	-4 /a98%	Muzzle Width	103	Rear Udder Width	99
Feed Saved	-86 /46%	Body Depth	98	Centre Ligament	105
		Chest Width	102	Teat Place Front	103
		Pin Width	106	Teat Place Rear	105
		Pin Set	102	Teat Length	110

# SKEETA

Onstad x Foske

\$BPI

244/42%

HWI

164/41%

SI

562/39%

## Johville Park Skeeta

Herdbook: 31650

Sire: Onstad P  
Dam: Johville Park Foske 5773  
Source: Johville Park Aussie Reds, Leitchville, VIC  
Haplotype:

Bull ID: ARBSKEETA  
Nasis: 12UUUV13  
Casein: A22 AB  
Genetic Code:



- The right balance of Production and Type traits
- Use to improve conformation and high production
- His profile suggest he is a popular choice for many

## Production Aug. 2024 ABV

0 dtrs 0 herds RIP 0%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
188	23	0.27	337	28	0.20	89

## Workability Traits

0 dtrs 0 herds Rel 49%

Milking Speed	101
Temperament	103
Likeability	104

## Conformation

0 dtrs 0 herds Rel 51%

Overall Type	106	Loin Strength	103
Mammary	107	Heel Depth	102
Dairy Strength	105	Rear Leg Set	102
Rump	104	Rear Leg Rear View	95
Feet & Legs	97	Udder Texture	105
Stature	104	Udder Depth	96
Bone Quality	97	Fore Attach	101
Angularity	104	Rear Udder Height	102
Muzzle Width	103	Rear Udder Width	108
Body Depth	104	Centre Ligament	106
Chest Width	103	Teat Place Front	105
Pin Width	103	Teat Place Rear	104
Pin Set	104	Teat Length	106

# TYRELL

Onstad x Tokyo

\$BPI

234/67%

HWI

165/57%

SI

596/63%

## Beaulands Tyrell

Herdbook: 31188

Sire: Onstad P  
Dam: Beaulands Tokyo Princess  
Source: Beaulands Aussie Reds, Nowra, NSW  
Haplotype:

Bull ID: ARBTYRELL  
Nasis: 12UUU14  
Casein: A12 AA  
Genetic Code:



- Extreme milk production and high milk solids
- Expected to have an improved level of farmer workability traits
- Use to also improve General Appearance and Udder shape

## Production Aug. 2024 ABV

0 dtrs 0 herds RIP 0%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
159	27	0.08	852	21	-0.22	91

## Workability Traits

0 dtrs 0 herds Rel 51%

Milking Speed	102
Temperament	102
Likeability	104

## Conformation

0 dtrs 0 herds Rel 51%

Overall Type	104	Loin Strength	103
Mammary	104	Heel Depth	98
Dairy Strength	104	Rear Leg Set	102
Rump	105	Rear Leg Rear View	97
Feet & Legs	95	Udder Texture	105
Stature	104	Udder Depth	97
Bone Quality	97	Fore Attach	100
Angularity	103	Rear Udder Height	103
Muzzle Width	99	Rear Udder Width	103
Body Depth	103	Centre Ligament	103
Chest Width	102	Teat Place Front	101
Pin Width	104	Teat Place Rear	102
Pin Set	103	Teat Length	101

# The Illawarra Breed

The Illawarra breed traces its origins back to the mid-1800s in the Illawarra region, south of Sydney, Australia. The gold rush of the 1860s spurred rapid expansion of the Australian dairy industry, and local breeders responded by developing stronger dairy cattle. Early breeding programs crossed Red and Roan Shorthorns with Ayrshire bulls, producing cattle that quickly gained recognition for their productivity and adaptability.

By the early 1900s, Illawarra cattle were officially registered, and the breed spread across Australia. The Illawarra Cattle Society was established in the mid-1900s to guide breed development, and today the Illawarra is recognised internationally for its even type, hardiness, and adaptability as a dairy cow. The Illawarra provided the foundation for the Australian Red Dairy Breed, but it remains a

distinct breed. Importantly, Australian Breeding Values (ABVs) for Illawarras and Australian Reds are calculated on separate bases and cannot be directly compared.

The four Illawarra sires featured in this directory are from deep, proven cow families. Their genetics have already been exported to multiple countries, carrying the strength of the Illawarra breed to dairy farmers worldwide.



Ian Mueller from Glenbrook Illawarras is photographed with the Dam of Illawarra bull Glenbrook Beauty's Reward, Ovensdale Beauty 383rd EX92.

Beauty 383rd is photographed on her 9th lactation. Her 8-lactation average in 305 days is 11,827L, 507Kgs Fat, 4.3%Fat, 394 Kgs Prot 3.4% Prot.

# HAZZA

Jazz x Savard

\$BPI

65/47%

HWI

47/39%

SI

89/43%

## Kangawarra Hazza 11634th

Herdbook: 5311

Sire:	Bushmills Jazz-ET	Bull ID:	KGHAZZA
Dam:	Kangawarra Hope 4585th EX91-2E	Nasis:	12ISU11
Source:	Tom & Kylie Cochrane, Pyree, NSW	Casein:	A11 AB
Haplotype:		Genetic Code:	



- Remains a popular choice for local and international customers
- A sort after pedigree with his sire no longer available
- A balanced sire combining Production, Overall Type and Mammary

## Production Aug. 2024 ABV

0 dtrs 0 herds RIP 0%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
0	-1	-0.07	99	7	0.05	64

## Workability Traits

## Conformation

0 dtrs 0 herds Rel 25%

Milking Speed	101	Overall Type	106	Loin Strength	101
Temperament	103	Mammary	106	Heel Depth	0
Likeability	105	Dairy Strength	104	Rear Leg Set	101
		Rump	99	Rear Leg Rear View	100
		Feet & Legs	100	Udder Texture	103
Cell Count	116 /62%	Stature	100	Udder Depth	102
Mastitis Resistance	102 /34%	Bone Quality	100	Fore Attach	104
Survival	103 /36%	Angularity	103	Rear Udder Height	104
Daughter Fertility	97 /42%	Muzzle Width	105	Rear Udder Width	105
Gestation Length	-1 /a71%	Body Depth	103	Centre Ligament	101
Feed Saved	-22 /15%	Chest Width	103	Teat Place Front	105
		Pin Width	100	Teat Place Rear	100
		Pin Set	98	Teat Length	98

# REWARD

Liberton x Mitch

\$BPI 162/37%

HWI 129/29%

SI 352/35%

## Glenbrook Beautys Reward

Herdbook: 5396

Sire:	Glenbrook Beautys Reward	Bull ID:	GBREWARD
Dam:	Ovensdale Beauty 383rd EX92	Nasis:	12ISW08
Source:	Glenbrook Illawarra's. Murray Bridge, SA	Casein:	A22
Haplotype:		Genetic Code:	



- From the well respected Glenbrook Illawarra herd
- Offers a well balanced production ABV
- Expect increased body depth & udder improvement

## Production Aug. 2024 ABV

0 dtrs 0 herds RIP 0%

\$ASI	kgP	P%	Milk	kgF	F%	Rel%
98	12	0.10	242	18	0.12	56

## Workability Traits

## Conformation

0 dtrs 0 herds Rel 19%

Milking Speed	100	Overall Type	104	Loin Strength	103
Temperament	99	Mammary	102	Heel Depth	n/a
Likeability	102	Dairy Strength	102	Rear Leg Set	101
		Rump	104	Rear Leg Rear View	102
		Feet & Legs	102	Udder Texture	101
Cell Count	111 /54%	Stature	101	Udder Depth	101
Mastitis Resistance	102 /17%	Bone Quality	103	Fore Attach	102
Survival	104 /21%	Angularity	102	Rear Udder Height	101
Daughter Fertility	100 /24%	Muzzle Width	101	Rear Udder Width	104
Gestation Length	-2 /a21%	Body Depth	102	Centre Ligament	100
Feed Saved	-18 /11%	Chest Width	101	Teat Place Front	99
		Pin Width	103	Teat Place Rear	99
		Pin Set	101	Teat Length	98

# LYONS

Beemer x Ilex

**\$BPI** **303/52%**

**HWI** **217/43%**

**SI** **815/50%**

Cluin Lyons		Herdbook: 5391	
Sire:	Blackwood Park Beemer	Bull ID:	CNLYONS
Dam:	Cluain 4821 Lustre 29730 GP82	Nasis:	12ISW06
Source:	Hamiltons Run, Mouth Gambier, SA	Casein:	A12 AB
Haplotype:	Genetic Code:		

Production Aug. 2024 ABV								0 dtrs 0 herds RIP 0%
\$ASI	kgP	P%	Milk	kgF	F%	Rel%		
<b>243</b>	<b>40</b>	<b>0.06</b>	<b>1371</b>	<b>40</b>	<b>-0.27</b>	<b>75</b>		



- Australia's #1 BPIg & SI available Illawarra bull
- Boost production +80 kgs Fat + Protein kgs
- Adds Dairy Strength & longevity

Workability Traits		0 dtrs 0 herds Rel 33%	Conformation		0 dtrs 0 herds Rel 35%
Milking Speed	100		Overall Type	102	Loin Strength
Temperament	101		Mammary	100	Heel Depth
Likeability	104		Dairy Strength	104	Rear Leg Set
Management Traits				Rump	98
Cell Count	121 /74%		Feet & Legs	101	Rear Leg Rear View
Mastitis Resistance	104 /33%		Stature	102	Udder Texture
Survival	105 /31%		Bone Quality	99	Udder Depth
Daughter Fertility	99 /36%		Angularity	104	Fore Attach
Gestation Length	-2 /a92%		Muzzle Width	102	Rear Udder Height
Feed Saved	-35 /22%		Body Depth	104	Rear Udder Width
			Chest Width	101	Centre Ligament
			Pin Width	107	Teat Place Front
			Pin Set	97	Teat Place Rear
					Teat Length

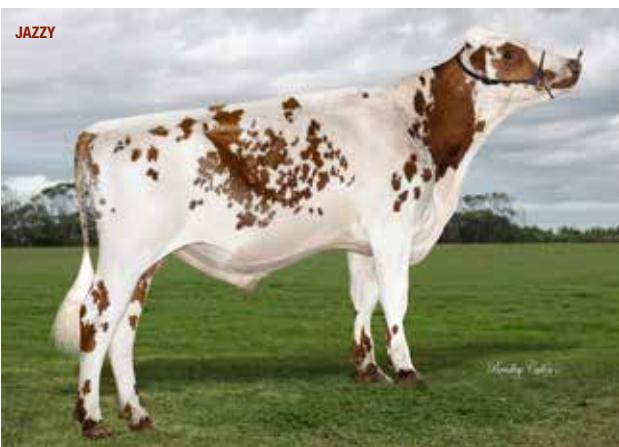
# JAZZY

ABSMunu x Jet

**\$BPI** **84/80%** **HWI** **94/72%** **SI** **262/74%**

Gorbro Joans Jazz		Herdbook: 5158	
Sire:	Eagle Park Manu	Bull ID:	JAZZY
Dam:	Llandovery JR Joan 982 EX94	Nasis:	12ISP17
Source:	Gorbro Farms, Cohuna, VIC	Casein:	A22
Haplotype:	Genetic Code:		

Production Aug. 2024 ABV								140 dtrs 37 herds RIP 17%
\$ASI	kgP	P%	Milk	kgF	F%	Rel%		
<b>12</b>	<b>14</b>	<b>-0.22</b>	<b>964</b>	<b>-3</b>	<b>-0.64</b>	<b>96</b>		



- An old Illawarra favourite back by popular demand
- With more than 100 milking daughters in Australia
- High production sire with excellent farm satisfaction rating

Workability Traits		26 dtrs 11 herds Rel 74%	Conformation		13 dtrs 3 herds Rel 55%
Milking Speed	106		Overall Type	101	Loin Strength
Temperament	102		Mammary	103	Heel Depth
Likeability	107		Dairy Strength	100	Rear Leg Set
Management Traits				Rump	97
Cell Count	107 /94%		Feet & Legs	95	Rear Leg Rear View
Mastitis Resistance	99 /87%		Stature	104	Udder Texture
Survival	103 /75%		Bone Quality	97	Udder Depth
Daughter Fertility	101 /89%		Angularity	103	Fore Attach
Gestation Length	0 /a92%		Muzzle Width	97	Rear Udder Height
Feed Saved	-24 /34%		Body Depth	100	Rear Udder Width
			Chest Width	98	Centre Ligament
			Pin Width	95	Teat Place Front
			Pin Set	99	Teat Place Rear
					Teat Length

# BEEF ON DAIRY SIRES

The solution to increasing farm profits Genetics Australia has a variety of beef sires selected for use on beef or dairy cows. Bulls are selected for low birth weight, excellent growth rates, calving ease, shorter gestation and high-quality semen.

A sample of the breeds available include:

**ANGUS**



Alpine MAIN EVENT Q192

**SPECKLE PARK**



Black Wolf THERMAL OPTICS PP

**POLL HEREFORD**



Wirruna PATON P048

**WAGYU**



Yulong Wagy TRIFECRA T0030

Email Rob Derksen at [rderksen@genaust.com.au](mailto:rderksen@genaust.com.au)  
to get latest bulls, breeds and performance data on bulls

# UNDERSTANDING THE ABVS

Australia has three breeding indices, the Balanced Performance Index [BPI], the Health Weighted Index [HWI] and the Sustainability Index [SI]. The BPI\$ is an economic Index and blends production, type, and health traits according to their economic values. It is the index most used by farmers while the HWI is used by farmers in a seasonal calving system and fast tracks fertility, mastitis resistance and feed saved improvement. The new Sustainability Index is a breeding tool to help dairy farmers fast track genetic gain breeding for reduced greenhouse emissions intensity. This index places greater

emphasis on traits that contribute to reducing emissions such as feed saved and survival while also considering production, health fertility type and workability traits.

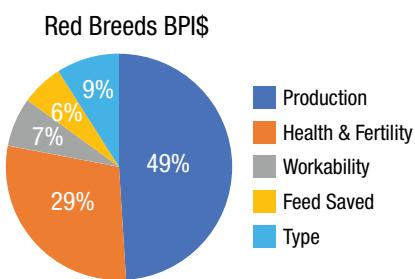
The BPI, is expressed in dollar units with the breed average set at 0 while the HWI and SI is measured in units with the breed average set at 0. ABVs cannot be compared between breeds, only within breed and are relative measures, they make more sense when compared to each other to an average. The average is defined as the average of cows born between 2009-2013. It is updated

periodically and reflects the cows milking on today's herds.

- For production traits, feed saved, gestation length and indices the average is set at 0.
- For type, health and management traits the average is set at 100.
- A BPIg represents a genomic breeding value and a reliability figure is shown for all traits.

Trait weighting in the BPI\$, HWI and SI have differences between breeds.

## A BALANCED PERFORMANCE INDEX [BPI]



## D PRODUCTION ABV

Production traits are expressed in their units of measurement from a rolling base of 0, which represents the average cow currently milking in Australia. The reliability figure is an estimate of potential proof change based on the number of daughters, herds, test days and genomic data. The higher the reliability of a trait, the lower the chance of proof movement.

## E AUSTRALIAN SELECTION INDEX [ASI]

Like the BPI, the ASI is expressed as a dollar value. This production based index is weighted using a similar ratio of milk:fat:protein to what most Australian dairy farmers are paid for their milk. Index weightings are as follows:  $(6.92 \times \text{Protein kg ABV}) + (1.79 \times \text{Fat kg ABV}) - (0.01 \times \text{Milk ABV})$ .

## F WORKABILITY TRAITS

These are calculated from information provided by Australian farmers who participate in a recognised herd recording program. They are expressed as a percentage deviating (+-) from the base (average) of 100. In this example, 102 for milking speed indicates that the bull is 2% above average for this trait i.e. his daughters on average milk faster. The reliability percentage is generated from the number of daughters and contemporaries scored and the number of herds.

## G CELL COUNT

The Cell Count ABV is useful to breed cows with lower cell counts, thereby reducing a herd's bulk milk cell count. Milk payments are penalised for farms with high bulk milk cell counts. Bulls with breeding values above 100 will improve your bulk milk cell count.

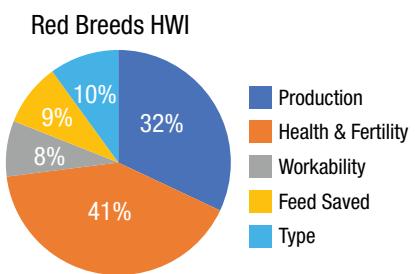
## H MASTITIS RESISTANCE

The Mastitis Resistance ABV draws upon three sets of information to provide a breeding value for selection to improve mastitis resistance: 305-day somatic cell count, udder depth and clinical mastitis records. This combination delivers an ABV that directly targets mastitis, whereas the Cell Count ABV has been used as an indirect selection criterion for mastitis resistance. Mastitis Resistance is improved by using bulls above 100.

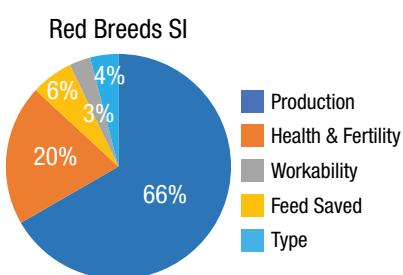
## I DAUGHTER FERTILITY

The Daughter Fertility ABV is calculated using Non Return Rate data as well as re-calving date. Bulls with Daughter fertility ABVs greater than 100 will improve Daughter Fertility. A bull with an ABV of 104 is 4% better than the average bull and will deliver on average a 2% improvement in 6 week Non Return Rate.

## B HEALTH WEIGHTED INDEX [HWI]



## C SUSTAINABILITY INDEX [SI]



# SKEETA

Onstad x Foske

A	\$BPI	B	HWI	C	SI
	244/42%		164/41%		562/39%

Johville Park Skeeta		Herdbook: 31650	
Sire:	Onstad P	Bull ID:	ARBSKEETA
Dam:	Johville Park Foske 5773	Nasis:	12UU13
Source:	Johville Park Aussie Reds, Leitchville, VIC	Casein:	A22 AB
Haplotype:		Genetic Code:	



- The right balance of Production and Type traits
- Use to improve conformation and high production
- His profile suggest he is a popular choice for many

Production Aug. 2024 ABV							
E	\$ASI	kgP	P%	Milk	kgF	F%	Rel%
188	23	0.27	337	28	0.20	89	

Workability Traits 0 dtrs 0 herds Rel 49%							
Conformation 0 dtrs 0 herds Rel 51%							
Milking Speed	101	Overall Type	0	106	Loin Strength		103
Temperament	F 103	Mammary	107	Heel Depth		102	
Likeability	104	Dairy Strength	105	Rear Leg Set		102	
		Rump	104	Rear Leg Rear View		95	
		Feet & Legs	97	Udder Texture		105	
Cell Count	G 93 /88%	Stature	104	Udder Depth		96	
Mastitis Resistance	H 99 /46%	Bone Quality	97	Fore Attach		101	
Survival	L 106 /46%	Angularity	104	Rear Udder Height		102	
Daughter Fertility	I 98 /49%	Muzzle Width	103	Rear Udder Width		108	
Gestation Length	J -1 /a96%	Body Depth	104	Centre Ligament		106	
Feed Saved	N -63 /28%	Chest Width	103	Teat Place Front		105	
		Pin Width	103	Teat Place Rear		104	
		Pin Set	104	Teat Length		106	

## J GESTATION LENGTH

The Gestation Length ABV is expressed as the number of days of gestation more, or less, than an average of 0. Bulls with a Gestation Length ABV of less than 0 have a shorter Gestation Length than the average. One ABV unit represents about 1 day shorter gestation. As half the genes come from the bull, a bull with a Gestation Length ABV of -8 would have calves that are expected to be born 4 days earlier than the due date.

## L SURVIVAL

Survival is a measurement of the bull's daughters' ability to last in the herd. Bulls with ratings greater than 100 breed daughters that are likely to last longer in the herd.

## N FEED SAVED

Feed Saved is Australia's Feed Conversion Efficiency breeding value. It combines genomic data with estimates of maintenance requirements to predict the feed intake of a bulls daughters. It is expressed as kgs of feed saved per lactation. E.g. if a bull has an ABV of 100, then on average his daughters will eat 100 kgs less of feed than the daughters of an average (0) bull. If a bull has an ABV of -50, then this bulls daughters will eat 50 kgs more feed than daughter of the average bull.

## O TYPE

Type ABVs describe the conformation of a bulls daughters. DataGene publishes Type ABVs for twenty-two linear traits and composite traits including Overall Type, Mammary System, Feet & Legs, Rump and Dairy Strength. Composites combine individual type traits and reflect the trait weightings and ideals set by breed organisations. For Composite Type ABVs, the average is 100 and one standard deviation is set to 5. To improve type composites, use bulls with ABVs more than 100. For individual Type ABVs, consider the ideal for that trait, the average linear for that trait, and the direction for breeding.

For more information on Australian Breeding Values [ABVs] or to see more details on each traits see the Technotes section on DataGene website at <https://datagene.com.au/technote>

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