Genetics AUSTRALIA
Breeding better dairy herds

RED BREED 2026 EXPORT SIRE DIRECTORY

– April 2026 ABV

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CONTENTS

AUSTRALIAN RED BREEDS

Front Cover: Photographed on our cover is Owen Simpson from Raven Hill Australian Reds. Owen and his family milk 650 Australian Red cows at Nullawarre, in the Western region of Victoria, Australia.

More than 65 years of Genetic Improvement

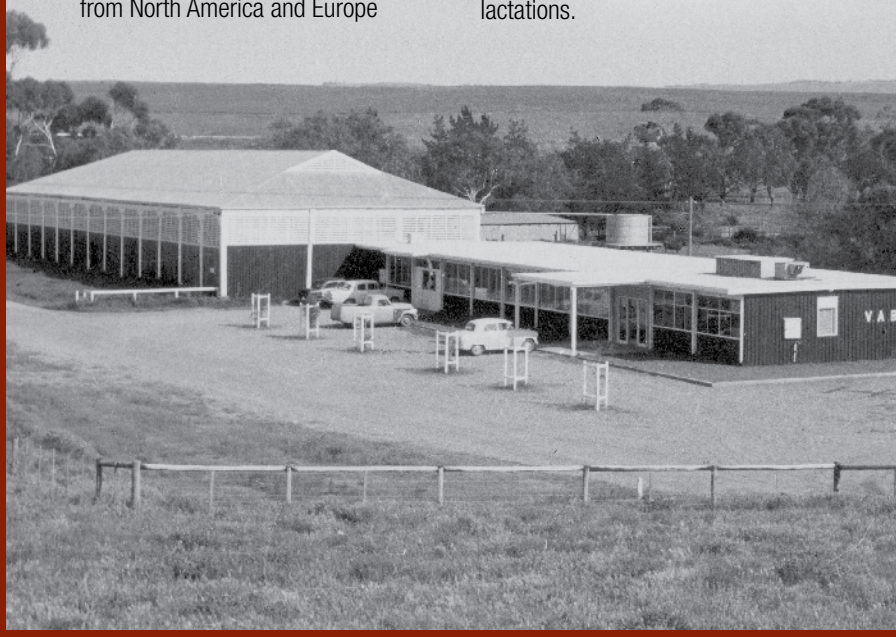
Genetics Australia was formed in 1958 as a farmer owned cooperative and commended progeny testing bulls in 1960.

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 1060'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 trats such as Fertility, Feed Efficiency, mastitis resistance and functional type the Australian dairy cow can produce for many profitable lactations.



Source data: Data referencing Australian Breeding values (ABVs') information is sourced from datagene April 2026 breeding value release.

Better Herds Start with Better Decisions

Better herds aren't built overnight or through a single decision. They're the result of consistent breeding choices and steady improvement, year after year.

For more than 65 years, Genetics Australia has worked alongside dairy farmers with a clear focus: delivering genetics that drive long-term herd performance. As a farmer-owned cooperative, we put producers first — sourcing leading genetics from around the world while continuing to build on the strength of Australian cow families developed over generations.

By combining proven local genetics with the depth of the global gene pool, we deliver breeding solutions tailored to Australian conditions and production systems — practical, reliable, and built to perform.

This Sire Directory showcases bulls from some of Australia's leading Australian Red and Illawarra herds. The growing global recognition of Australian Red genetics comes as no surprise. They are the result of decades of selection for productivity, fertility, and resilience across Australia's diverse and often challenging dairy environments. Whether maintaining a pure red herd or adding strength to a three-way crossbreeding program, Australian Red genetics offer genuine versatility and performance.

Through our URUS partnership, we uphold strict laboratory standards via PEAK and continue to invest in ongoing product development — delivering reliable, high-fertility semen that supports consistent reproductive outcomes.

Australia's genetic evaluation system, DataGene, is internationally respected, particularly for its leadership in traits such as feed efficiency and heat tolerance. The Australian Breeding Value (ABV) system is designed to deliver profitable, long-lasting cows with the structure and resilience to perform across multiple lactations.

Today, Australian genetics are achieving strong results in a wide range of environments — from pasture-based systems in Latin America and New Zealand to high-input operations in China and Pakistan, and increasingly across Europe and North America.

Backed by world-class biosecurity and export capability, Australian genetics are trusted worldwide.

We invite you to see the difference they can make in your herd.

Rob Derksen
Export Manager
– Genetics Australia

Red Breeds Australian Breeding Values / April 2026

Genetics AUSTRALIA
Breeding better dairy herds

PRODUCTION

Bull Code	Poll	A2 Status	Pedigree	BPI	Rel%	HWI	SI	ASI	Prot (Kg)	Prot %	Milk (L)	Fat (Kg)	Fat %	Rel %	Dtrs	Herds	Overall Type	Mamm System	Milk Speed	Temp	Like	Cell Count	Mastitis Resist	Dtr Fert	Gest Lgth	Sire Still Birth%	Maternal Still Birth %
BISHOP		A22	*Vesty x Tokyo*	**584**	55	394	784	391	18	0.28	106	46	0.59	79	0	0	**107**	**106**	100	100	103	143	104	98	-2	-1.3	-1
CAESAR		A22	*Aotearoa x Kenneth*	**278**	79	261	398	188	12	-0.05	550	25	0.02	95	146	23	**100**	**94**	102	101	102	120	103	104	0	-0.5	1.4
CHARLIE		A22	*Caesar x Tokyo*	**427**	59	306	602	355	19	0.43	-133	34	0.57	88	0	0	**102**	**98**	101	101	102	103	103	101	-1	-1.5	0.1
DENNIS		A12	*Hosea x Froerup*	**551**	51	373	693	390	8	0.38	-447	50	1.00	78	0	0	**104**	**105**	101	101	100	108	102	101	1	-0.1	-1.7
EDDIE		A12	*Fonseca x Tosikko*	**104**	79	6	186	108	17	0.06	519	3	-0.28	96	93	20	**107**	**103**	100	101	98	118	102	96	-3	-1.2	1.3
IVERSON		A22	*Hopkins x Onstad*	**526**	51	376	782	400	28	0.30	433	39	0.29	75	0	0	**103**	**104**	99	101	102	101	101	101	1	-1	-0.7
KNUT	PP	A12	*Sausvatn PP x Onstad*	**277**	58	243	399	184	15	0.17	211	15	0.09	82	0	0	**99**	**99**	99	102	104	122	103	101	-3	-0.5	-0.1
LEBRON		A22	*Hopkins x Foske*	**433**	52	335	668	295	28	0.10	852	26	-0.15	76	0	0	**101**	**102**	100	102	102	120	103	100	0	-0.5	-0.4
LEVI		A22	*Primestad x Tokyo*	**200**	62	85	282	161	9	0.18	-16	15	0.23	86	0	0	**104**	**103**	100	103	103	106	101	97	-2	-0.1	-1.8
MARNUS		A22	*VikFilur x Tokyo*	**170**	74	29	273	225	8	0.02	285	32	0.29	95	64	19	**104**	**98**	103	98	99	103	100	96	2	-2	-1.3
MOPOKE		A22	*Cygnet x Firmino*	**306**	62	284	438	136	21	0.01	761	7	-0.37	88	0	0	**101**	**101**	103	101	103	121	101	103	2	-1.5	-1.1
NINJAGO		A22	*Valpas x Foske*	**281**	76	211	344	219	6	0.09	53	31	0.41	95	46	14	**101**	**98**	97	102	104	101	101	104	4	3	-0.4
NORMAN		A22	*Primestad x Faber*	**162**	60	111	241	105	16	0.37	-120	-6	-0.02	91	0	0	**102**	**101**	101	104	104	97	100	100	-3	-0.5	-2
PADINGTON		A22	*Hosea x Marnus*	**512**	50	353	689	393	15	0.23	109	50	0.65	79	0	0	**102**	**102**	101	100	100	118	102	101	0	-0.3	-0.8
PONGA		A22	*Enger x Foske*	**310**	76	276	462	210	18	0.08	501	20	-0.02	95	63	16	**100**	**99**	100	102	103	97	99	103	0	-0.7	-2.3
PRIMESTAD	P	A22	*Onstad P x Uddin*	**107**	86	4	178	83	10	0.05	256	5	-0.09	97	402	55	**105**	**105**	100	105	103	110	99	95	-4	0.4	-2.3
SKEETA		A22	*Onstad x Foske*	**276**	43	159	394	244	18	0.21	246	22	0.17	61	1	1	**105**	**106**	101	102	103	77	98	100	0	-2.6	-1.2
TYRELL		A12	*Onstad x Tokyo*	**189**	69	127	304	125	17	-0.12	852	12	-0.35	92	9	4	**103**	**102**	102	103	104	108	100	99	-1	0.5	-1.3
ILLAWARRA																											
BULLZYE		A11	*Remarkable x Vipor*	**412**	39	275	604	344	21	0.36	57	32	0.43	60	0	0	**100**	**102**	101	100	103	123	103	98	-1	-0.7	-0.7
HAZZA		A11	*Jazz x Savard*	**61**	48	-13	88	13	-2	-0.08	85	6	0.04	69	0	0	**107**	**106**	102	103	104	101	100	96	-2	1	0.3
JAZZY		A22	*Manu x Jet*	**61**	78	67	139	11	13	-0.22	918	-2	-0.59	96	158	42	**101**	**100**	105	102	105	88	94	101	0	-2.5	0.2
LYONS		A22	*Beemer x Ilex*	**481**	54	303	816	434	43	0.09	1423	39	-0.32	79	0	0	**103**	**100**	100	100	103	105	102	97	-2	-2.4	0.6
REWARD		A22	*Liberton x Mitch*	**235**	38	152	336	168	12	0.10	246	17	0.10	59	0	0	**105**	**102**	101	99	101	100	100	100	-2	0.3	0.6

TYPE

Code	Over Type	Mamm Syst	Dairy Strength	Rump	Feet & Legs	Stature	Bone Quality	Angul	Muzzle Width	Body Depth	Chest Width	Pin Width	Pin Set	Loin Strength	Heel Depth	Rear Leg Set	Rear Leg Rear View	Udder Texture	Udder Depth	Fore Attach	Rear Udder Height	Rear Udder Width	Centre Lig	Teat Place Front	Teat Place Rear	Teat Length	Rel %	Survival	Feed Saved
BISHOP	**107**	**106**	105	100	103	104	101 C	106	102	104	102	99	102 O	104	102	99 C	103	104	102 O	101	105	103	104	105 C	102 C	98	36	105	-62
CAESAR	**100**	**94**	101	96	107	97	102 O	103	94	103	99	100	95 H	96	99	94 O	108	96	97 D	101	100	92	94	94 W	95 O	113	65	101	16
CHARLIE	**102**	**98**	103	100	103	100	101 C	103	98	104	101	99	100 H	100	99	98 C	105	99	98 D	100	101	96	98	97 W	96 C	107	37	102	-19
DENNIS	**104**	**105**	100	102	101	107	99 C	101	100	101	102	103	101 O	103	99	98 C	102	100	103 S	104	105	103	102	102 O	100 C	101	32	105	-70
EDDIE	**107**	**103**	107	97	102	102	92C	104	102	107	104	101	96H	98	95	98C	105	104	1000	106	108	104	94	90W	94O	104	65	99	-51
IVERSON	**103**	**104**	101	102	99	101	95 C	97	102	99	99	99	103 O	100	98	99 C	98	100	103 S	104	102	101	100	103 C	99 C	98	32	105	-1
KNUT	**99**	**99**	99	104	100	100	97 C	97	100	100	102	104	104 O	99	104	100 C	97	97	96 D	99	97	102	99	101 O	101 C	100	40	102	-4
LEBRON	**101**	**102**	101	100	101	100	98 C	99	101	98	99	100	102 O	100	0	101 C	100	98	101 O	102	99	101	101	103 C	101 C	96	31	103	11
LEVI	**104**	**103**	104	102	98	106	99 C	102	104	101	103	102	103 O	104	98	101 C	96	102	100 O	101	103	101	104	101 O	100 C	105	44	103	-73
MARNUS	**104**	**98**	106	104	100	103	101C	106	97	106	101	98	102O	104	88	100C	105	104	97D	102	100	97	96	96W	93O	102	57	99	-51
MOPOKE	**101**	**101**	102	105	98	99	96 C	98	104	103	105	104	105 L	104	101	96 C	96	94	97 D	99	99	103	98	104 C	99 C	94	41	104	-19
NINJAGO	**101**	**98**	101	101	98	104	95 C	100	103	100	102	107	99 H	99	95	103 C	97	97	102 O	102	94	95	101	106 C	104 C	97	60	101	-43
NORMAN	**102**	**101**	101	100	97	105	99 C	100	104	99	102	101	103 O	102	98	101 C	95	100	100 O	101	102	99	102	100 O	100 C	105	42	103	-47
PADINGTON	**102**	**102**	102	102	101	104	100 C	102	100	103	102	103	100 H	102	0	98 C	102	101	103 S	103	101	99	101	101 O	101 C	99	28	104	-54
PONGA	**100**	**99**	98	104	102	101	99 C	101	99	97	98	101	109 L	99	105	100 C	100	99	98 D	98	96	102	102	101 O	100 C	100	61	104	11
PRIMESTAD	**105**	**105**	102	99	97	110	98 C	101	105	98	104	106	102 O	104	97	101 C	91	103	100 O	103	104	101	105	102 O	102 C	110	86	104	-93
SKEETA	**105**	**106**	105	104	97	104	97 C	103	103	104	104	103	104 O	103	101	101 C	95	104	96 D	101	101	108	104	104 C	101 C	106	51	103	-65
TYRELL	**103**	**102**	104	104	95	103	97 C	102	100	103	103	103	103 O	103	96	101 C	96	103	97 D	101	102	102	101	100 O	99 C	101	51	103	-51
ILLAWARRA																													
BULLZYE	**100**	**102**	103	101	99	99	102O	101	102	103	103	101	100H	100	0	101C	100	103	98D	102	102	103	98	99O	99C	101	21	102	-16
HAZZA	**107**	**106**	105	100	100	101	100C	103	105	104	104	100	100H	102	0	100C	100	103	1020	103	103	106	101	104C	100C	97	25	103	-36
JAZZY	**101**	**100**	101	97	94	103	98C	102	97	100	99	94	100H	103	95	104C	92	98	1020	102	101	95	98	105C	101C	100	58	105	-20
LYONS	**103**	**100**	105	100	100	102	100C	104	103	104	103	108	99H	104	100	98C	100	101	98D	101	97	103	100	99O	99C	96	35	104	-45
REWARD	**105**	**102**	104	106	101	101	104O	103	102	103	103	103	103O	104	0	100C	102	100	1010	101	101	105	100	98W	99C	97	19	103	-34

BISHOP

Vesty x Tokyo

Beaulands Bishop

$BPI	HWI	SI	ASI
584/55%	394/47%	784/52%	391/79%

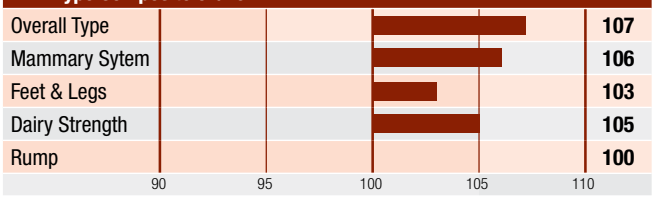
Bull ID: ARBBISHOP **Sire:** VR Vesty **Herdbook:** 33262 **Casein:** A22
Nasis: 12UUY08 **Dam:** Beaulands Tokyo Primula **Breeder:** Beaulands Aussie Reds, Nowra, NSW **Genetic Code:**

- New Number 1 $BPIg Australian Red
- Top 1% $BPI, HWI, SI, ASI and Fat kgs..

ABV 04/26 — G dtrs G herds RIP G%

Protein kg	18 /79%	Milk Speed	100 /35%	Cell Count	143 /80%
Protein %	0.28% /79%	Temp	100 /35%	Mastitis Res	104 /35%
Milk L	106 /79%	Survival	105 /34%	Daughter Fert	98 /33%
Fat kg	46 /79%	Calving Ease	n/a	Feed Saved	-62 /20%
Fat %	0.59% /79%	Gest Length	-2 /54%	Heat Tol	n/a

ABV Type Composite 04/26 — 0 dtrs 0 herds Rel 36%



Type 04/26 — 0 dtrs 0 herds Rel 36%

Stature	104	Pin Set	102 O	Fore Attach	101
Bone Quality	101 C	Loin Strength	104	Rear Udder Height	105
Angularity	106	Heel Depth	102	Rear Udder Width	103
Muzzle Width	102	Rear Leg Set	99 C	Centre Ligament	104
Body Depth	104	Rear Leg Rear View	103	Teat Place Front	105 C
Chest Width	102	Udder Texture	104	Teat Place Rear	102 C
Pin Width	99	Udder Depth	102 O	Teat Length	98

CAESAR

Aotearoa x Kenneth

Waikato Farm Caesar

$BPI	HWI	SI	ASI
278/79%	261/73%	398/74%	188/95%

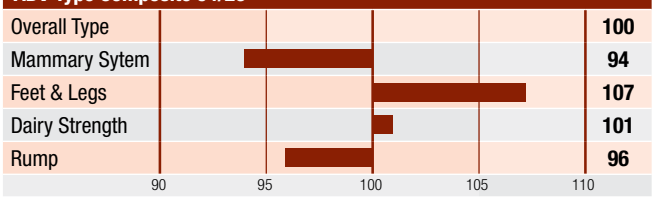
Bull ID: ARBCAESAR **Sire:** Waikato Farm Aotearoa **Herdbook:** 29019 **Casein:** A22 AB
Nasis: 12UUP04 **Dam:** Waikato Farm Brooke 3934 **Breeder:** Waikato Farm Aussie Reds, Numurkah, VIC **Genetic Code:**

- Daughter proven with more than 100 milking daughters on official herd testing
- Use CAESAR to reduce the frame size in red and cross-bred cows

ABV 04/26 — 146 dtrs 23 herds RIP 15%

Protein kg	12 /95%	Milk Speed	102 /86%	Cell Count	120 /94%
Protein %	-0.05% /95%	Temp	101 /86%	Mastitis Res	103 /53%
Milk L	550 /95%	Survival	101 /72%	Daughter Fert	104 /75%
Fat kg	25 /95%	Calving Ease	n/a	Feed Saved	16 /39%
Fat %	0.02% /95%	Gest Length	0 /96%	Heat Tol	n/a

ABV Type Composite 04/26 — 75 dtrs 13 herds Rel 65%



Type 04/26 — 23 dtrs 8 herds Rel 65%

Stature	97	Pin Set	95 H	Fore Attach	101
Bone Quality	102 O	Loin Strength	96	Rear Udder Height	100
Angularity	103	Heel Depth	99	Rear Udder Width	92
Muzzle Width	94	Rear Leg Set	94 O	Centre Ligament	94
Body Depth	103	Rear Leg Rear View	108	Teat Place Front	94 W
Chest Width	99	Udder Texture	96	Teat Place Rear	95 O
Pin Width	100	Udder Depth	97 D	Teat Length	113

CHARLIE

Caesar x Tokyo

Oaklands Pastoral Charlie

$BPI	HWI	SI	ASI
427/59%	306/51%	602/56%	355/88%

Bull ID: ARBCHARLIE
Nasis: 12UUW13
Sire: Waikato Farm Caesar
Dam: Blackwood Park 1696
Herdbook: 32243
Breeder: Oakland Pastoral, Mount Gambier, SA
Casein: A22 AB
Genetic Code:

ABV 04/26					G dtrs G herds RIP G%
Protein kg	19 /88%	Milk Speed	101 /46%	Cell Count	103 /87%
Protein %	0.43% /88%	Temp	101 /46%	Mastitis Res	103 /25%
Milk L	-133 /88%	Survival	102 /34%	Daughter Fert	101 /36%
Fat kg	34 /88%	Calving Ease	n/a	Feed Saved	-19 /19%
Fat %	0.57% /88%	Gest Length	-1 /88%	Heat Tol	n/a

ABV Type Composite 04/26	0 dtrs 0 herds Rel 37%
Overall Type	102
Mammary Sytem	98
Feet & Legs	103
Dairy Strength	103
Rump	100

90 95 100 105 110

Type 04/26					0 dtrs 0 herds Rel 37%
Stature	100	Pin Set	100 H	Fore Attach	100
Bone Quality	101 C	Loin Strength	100	Rear Udder Height	101
Angularity	103	Heel Depth	99	Rear Udder Width	96
Muzzle Width	98	Rear Leg Set	98 C	Centre Ligament	98
Body Depth	104	Rear Leg Rear View	105	Teat Place Front	97 W
Chest Width	101	Udder Texture	99	Teat Place Rear	96 C
Pin Width	99	Udder Depth	98 D	Teat Length	107

- Production specialist, top 1% ASI
- Moderate frames and correct Feet & Legs, lengthens teats

DENNIS

Hosea x Froerup

Homedale Dennis

$BPI	HWI	SI	ASI
551/51%	373/44%	693/48%	390/78%

Bull ID: ARBDENNIS
Nasis: 12UUX15
Sire: VR Solvarp Hjuve Hosea
Dam: Homedale Froerup Winifred
Herdbook: 32481
Breeder: FJ & M Kelly, Tragowel, VIC
Casein: A12 AA
Genetic Code:

ABV 04/26					0 dtrs 0 herds RIP 0%
Protein kg	8 /78%	Milk Speed	101 /33%	Cell Count	108 /76%
Protein %	0.38% /78%	Temp	101 /33%	Mastitis Res	102 /26%
Milk L	-447 /78%	Survival	105 /29%	Daughter Fert	101 /29%
Fat kg	50 /78%	Calving Ease	n/a	Feed Saved	-70 /18%
Fat %	1.00% /78%	Gest Length	1 /50%	Heat Tol	n/a

ABV Type Composite 04/26	0 dtrs 0 herds Rel 32%
Overall Type	104
Mammary Sytem	105
Feet & Legs	101
Dairy Strength	100
Rump	102

90 95 100 105 110

Type 04/26					0 dtrs 0 herds Rel 32%
Stature	107	Pin Set	101 O	Fore Attach	104
Bone Quality	99 C	Loin Strength	103	Rear Udder Height	105
Angularity	101	Heel Depth	99	Rear Udder Width	103
Muzzle Width	100	Rear Leg Set	98 C	Centre Ligament	102
Body Depth	101	Rear Leg Rear View	102	Teat Place Front	102 O
Chest Width	102	Udder Texture	100	Teat Place Rear	100 C
Pin Width	103	Udder Depth	103 S	Teat Length	101

- Top 1% $BPI, SI,and ASI
- Use to improve mammary

IVERSON

Hopkins x Onstad

Beaulands Iverson

$BPI	HWI	SI	ASI
526/51%	376/44%	782/48%	400/75%

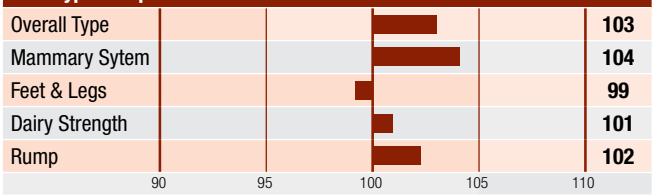
Bull ID: ARBIVERSON
Nasis: 12UUX14
Sire: Horton Hopkins
Dam: Beaulands Onstad Rosie 2
Herdbook: 32476
Breeder: Beaulands Aussie Reds, Nowra, NSW
Casein: A22 AB
Genetic Code:

- Very popular total performance sire
- Increased Milk yield with improved Protein kgs and %

ABV 04/26 — 0 dtrs 0 herds RIP 0%

Protein kg	28 /75%	Milk Speed	99 /32%	Cell Count	101 /76%
Protein %	0.30% /75%	Temp	101 /32%	Mastitis Res	101 /30%
Milk L	433 /75%	Survival	105 /32%	Daughter Fert	101 /30%
Fat kg	39 /75%	Calving Ease	n/a	Feed Saved	-1 /19%
Fat %	0.29% /75%	Gest Length	1 /61%	Heat Tol	n/a

ABV Type Composite 04/26 — 0 dtrs 0 herds Rel 32%



Type 04/26 — 0 dtrs 0 herds Rel 32%

Stature	101	Pin Set	103 O	Fore Attach	104
Bone Quality	95 C	Loin Strength	100	Rear Udder Height	102
Angularity	97	Heel Depth	98	Rear Udder Width	101
Muzzle Width	102	Rear Leg Set	99 C	Centre Ligament	100
Body Depth	99	Rear Leg Rear View	98	Teat Place Front	103 C
Chest Width	99	Udder Texture	100	Teat Place Rear	99 C
Pin Width	99	Udder Depth	103 S	Teat Length	98

LEBRON

Hopkins x Foske

Beaulands Lebron

$BPI	HWI	SI	ASI
433/52%	335/45%	668/49%	295/76%

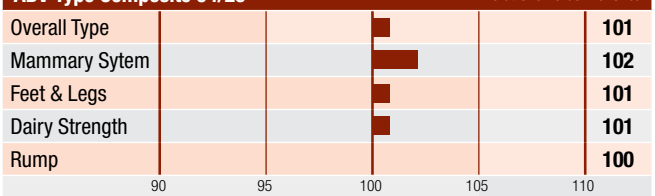
Bull ID: ARBLEBRON
Nasis: 12UUX13
Sire: Horton Hopkins
Dam: Beaulands Foske Lady 2
Herdbook: 32477
Breeder: Beaulands Aussie Reds, Nowra, NSW
Casein: A22 AB
Genetic Code:

- New Release sire offering high ASI and Milk yield
- Desirable Overall Type with improved udder quality

ABV 04/26 — 0 dtrs 0 herds RIP 0%

Protein kg	28 /76%	Milk Speed	100 /31%	Cell Count	120 /76%
Protein %	0.10% /76%	Temp	102 /31%	Mastitis Res	103 /31%
Milk L	852 /76%	Survival	103 /32%	Daughter Fert	100 /31%
Fat kg	26 /76%	Calving Ease	n/a	Feed Saved	11 /17%
Fat %	-0.15% /76%	Gest Length	0 /59%	Heat Tol	n/a

ABV Type Composite 04/26 — 0 dtrs 0 herds Rel 31%



Type 04/26 — 0 dtrs 0 herds Rel 31%

Stature	100	Pin Set	102 O	Fore Attach	102
Bone Quality	98 C	Loin Strength	100	Rear Udder Height	99
Angularity	99	Heel Depth	0	Rear Udder Width	101
Muzzle Width	101	Rear Leg Set	101 C	Centre Ligament	101
Body Depth	98	Rear Leg Rear View	100	Teat Place Front	103 C
Chest Width	99	Udder Texture	98	Teat Place Rear	101 C
Pin Width	100	Udder Depth	101 O	Teat Length	96

KNUT PP

Sausvatn PP x Onstad

Waikato Farm Knut PP

$BPI	HWI	SI	ASI
277/58%	243/50%	399/55%	184/82%

Bull ID: ARBKNUT **Sire:** Sausvatn PP **Herdbook:** 32487 **Casein:** A12 AE
Nasis: 12UUV17 **Dam:** Waikato Farm Maxine 4421 GP83 **Breeder:** Waikato Farm Aussie Reds, Numurkah, VIC **Genetic Code:** POS

- Homozygous Polled Red Sire
- Offers High Milk yields from smaller robust cows

ABV 04/26	0 dtrs 0 herds RIP 0%
Protein kg	15 /82%
Protein %	0.17% /82%
Milk L	211 /82%
Fat kg	15 /82%
Fat %	0.09% /82%
Milk Speed	99 /41%
Temp	102 /41%
Survival	102 /36%
Calving Ease	n/a
Gest Length	-3 /49%
Cell Count	122 /82%
Mastitis Res	103 /39%
Daughter Fert	101 /36%
Feed Saved	-4 /23%
Heat Tol	n/a

ABV Type Composite 04/26	0 dtrs 0 herds Rel 40%
Overall Type	99
Mammary Sytem	99
Feet & Legs	100
Dairy Strength	99
Rump	104

90 95 100 105 110

Type 04/26					0 dtrs 0 herds Rel 40%
Stature	100	Pin Set	104 0	Fore Attach	99
Bone Quality	97 C	Loin Strength	99	Rear Udder Height	97
Angularity	97	Heel Depth	104	Rear Udder Width	102
Muzzle Width	100	Rear Leg Set	100 C	Centre Ligament	99
Body Depth	100	Rear Leg Rear View	97	Teat Place Front	101 0
Chest Width	102	Udder Texture	97	Teat Place Rear	101 C
Pin Width	104	Udder Depth	96 D	Teat Length	100

LEVI

Primestad x Tokyo

Oaklands Pastoral Levi

$BPI	HWI	SI	ASI
200/62%	85/54%	282/58%	161/86%

Bull ID: ARBLEVI **Sire:** Waikato Farm Primestad P **Herdbook:** 31499 **Casein:** A22 AA
Nasis: 12UUV15 **Dam:** Blackwood Park 1696 **Breeder:** Oakland Pastoral, Mount Gambier, SA **Genetic Code:**

- Well suited for grazing systems
- Adds dairy strength and lengthens teats

ABV 04/26	0 dtrs 0 herds RIP 0%
Protein kg	9 /86%
Protein %	0.18% /86%
Milk L	-16 /86%
Fat kg	15 /86%
Fat %	0.23% /86%
Milk Speed	100 /45%
Temp	103 /45%
Survival	103 /40%
Calving Ease	n/a
Gest Length	-2 /77%
Cell Count	106 /86%
Mastitis Res	101 /33%
Daughter Fert	97 /44%
Feed Saved	-73 /24%
Heat Tol	n/a

ABV Type Composite 04/26	0 dtrs 0 herds Rel 44%
Overall Type	104
Mammary Sytem	103
Feet & Legs	98
Dairy Strength	104
Rump	102

90 95 100 105 110

Type 04/26					0 dtrs 0 herds Rel 44%
Stature	106	Pin Set	103 0	Fore Attach	101
Bone Quality	99 C	Loin Strength	104	Rear Udder Height	103
Angularity	102	Heel Depth	98	Rear Udder Width	101
Muzzle Width	104	Rear Leg Set	101 C	Centre Ligament	104
Body Depth	101	Rear Leg Rear View	96	Teat Place Front	101 0
Chest Width	103	Udder Texture	102	Teat Place Rear	100 C
Pin Width	102	Udder Depth	100 0	Teat Length	105

EDDIE

Fonseca x Tosikko

Beaulands McGuire

$BPI	HWI	SI	ASI
104/79%	6/72%	186/74%	108/96%

Bull ID: ARBEDDIE **Sire:** VR Favre Fonseca **Herdbook:** 29582 **Casein:** A12
Nasis: 12UUP08 **Dam:** Beaulands Tosikko Stately VG87 **Breeder:** Beaulands Aussie Reds, Nowra, NSW **Genetic Code:**

- Reliably proven with 93 milking daughters
- One of the best to improve overall type

ABV 04/26	93 dtrs 20 herds RIP 9%
Protein kg	17 /96%
Protein %	0.06% /96%
Milk L	519 /96%
Fat kg	3 /96%
Fat %	-0.28% /96%
Milk Speed	100 /82%
Temp	101 /82%
Survival	99 /69%
Calving Ease	n/a
Gest Length	-3 /95%
Cell Count	118 /96%
Mastitis Res	102 /57%
Daughter Fert	96 /71%
Feed Saved	-51 /37%
Heat Tol	n/a

ABV Type Composite 04/26	60 dtrs 11 herds Rel 65%
Overall Type	107
Mammary Sytem	103
Feet & Legs	102
Dairy Strength	107
Rump	97

90 95 100 105 110

Type 04/26					13 dtrs 3 herds Rel 65%
Stature	102	Pin Set	96 H	Fore Attach	106
Bone Quality	92 C	Loin Strength	98	Rear Udder Height	108
Angularity	104	Heel Depth	95	Rear Udder Width	104
Muzzle Width	102	Rear Leg Set	98 C	Centre Ligament	94
Body Depth	107	Rear Leg Rear View	105	Teat Place Front	90 W
Chest Width	104	Udder Texture	104	Teat Place Rear	94 0
Pin Width	101	Udder Depth	100 0	Teat Length	104

MOPOKE

Cygnet x Firmino

Longroad Mopoke

$BPI	HWI	SI	ASI
306/62%	284/55%	438/59%	136/88%

Bull ID: ARBMOPOKE **Sire:** Beaulands Swannie **Herdbook:** 32238 **Casein:** A22 AA
Nasis: 12UUW11 **Dam:** Longroad Firmino Maddie **Breeder:** Longroad Reds, Nirranda South, VIC **Genetic Code:**

- Popular Red sire with a well balanced ABV
- Ideal for cross breeding programs

ABV 04/26 — 0 dtrs 0 herds RIP 0%

Protein kg	21 /88%	Milk Speed	103 /45%	Cell Count	121 /87%
Protein %	0.01% /88%	Temp	101 /45%	Mastitis Res	101 /30%
Milk L	761 /88%	Survival	104 /45%	Daughter Fert	103 /46%
Fat kg	7 /88%	Calving Ease	n/a	Feed Saved	-19 /23%
Fat %	-0.37% /88%	Gest Length	2 /89%	Heat Tol	n/a

ABV Type Composite 04/26 — 0 dtrs 0 herds Rel 41%

Overall Type	101
Mammary Sytem	101
Feet & Legs	98
Dairy Strength	102
Rump	105

90 95 100 105 110

Type 04/26 — 0 dtrs 0 herds Rel 41%

Stature	99	Pin Set	105 L	Fore Attach	99
Bone Quality	96 C	Loin Strength	104	Rear Udder Height	99
Angularity	98	Heel Depth	101	Rear Udder Width	103
Muzzle Width	104	Rear Leg Set	96 C	Centre Ligament	98
Body Depth	103	Rear Leg Rear View	96	Teat Place Front	104 C
Chest Width	105	Udder Texture	94	Teat Place Rear	99 C
Pin Width	104	Udder Depth	97 D	Teat Length	94

MARNUS

VikFilur x Tokyo

Beaulands Marnus

$BPI	HWI	SI	ASI
170/74%	29/67%	273/70%	225/95%

Bull ID: ARBMARNUS **Sire:** VR Fonseca Filur **Herdbook:** 30252 **Casein:** A22
Nasis: 12UUS10 **Dam:** Beaulands Tokyo Princess **Breeder:** Beaulands Aussie Reds, Nowra, NSW **Genetic Code:**

- Reliably proven with over 60 milking daughters
- Adds dairy strength and body depth

ABV 04/26 — 64 dtrs 19 herds RIP 17%

Protein kg	8 /95%	Milk Speed	103 /71%	Cell Count	103 /94%
Protein %	0.02% /95%	Temp	98 /71%	Mastitis Res	100 /53%
Milk L	285 /95%	Survival	99 /59%	Daughter Fert	96 /60%
Fat kg	32 /95%	Calving Ease	n/a	Feed Saved	-51 /33%
Fat %	0.29% /95%	Gest Length	2 /94%	Heat Tol	n/a

ABV Type Composite 04/26 — 21 dtrs 5 herds Rel 57%

Overall Type	104
Mammary Sytem	98
Feet & Legs	100
Dairy Strength	106
Rump	104

90 95 100 105 110

Type 04/26 — 6 dtrs 1 herds Rel 57%

Stature	103	Pin Set	102 O	Fore Attach	102
Bone Quality	101 C	Loin Strength	104	Rear Udder Height	100
Angularity	106	Heel Depth	88	Rear Udder Width	97
Muzzle Width	97	Rear Leg Set	100 C	Centre Ligament	96
Body Depth	106	Rear Leg Rear View	105	Teat Place Front	96 W
Chest Width	101	Udder Texture	104	Teat Place Rear	93 O
Pin Width	98	Udder Depth	97 D	Teat Length	102

NINJAGO

Valpas x Foske

Beaulands Ninjago

$BPI	HWI	SI	ASI
281/76%	211/69%	344/71%	219/95%

Bull ID: ARBNINJAGO **Sire:** Sammatin Valpas **Herdbook:** 29018 **Casein:** A22 AB
Nasis: 12UUN03 **Dam:** Beaulands Foske Leaf GP84 **Breeder:** Beaulands Aussie Reds, Nowra, NSW **Genetic Code:**

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

ABV 04/26	46 dtrs 14 herds RIP 10%
Protein kg	6 /95%
Protein %	0.09% /95%
Milk L	53 /95%
Fat kg	31 /95%
Fat %	0.41% /95%
Milk Speed	97 /74%
Temp	102 /74%
Survival	101 /64%
Calving Ease	n/a
Gest Length	4 /92%
Cell Count	101 /94%
Mastitis Res	101 /52%
Daughter Fert	104 /65%
Feed Saved	-43 /35%
Heat Tol	n/a

ABV Type Composite 04/26	29 dtrs 8 herds Rel 60%
Overall Type	101
Mammary Sytem	98
Feet & Legs	98
Dairy Strength	101
Rump	101

90 95 100 105 110

Type 04/26					9 dtrs 4 herds Rel 60%
Stature	104	Pin Set	99 H	Fore Attach	102
Bone Quality	95 C	Loin Strength	99	Rear Udder Height	94
Angularity	100	Heel Depth	95	Rear Udder Width	95
Muzzle Width	103	Rear Leg Set	103 C	Centre Ligament	101
Body Depth	100	Rear Leg Rear View	97	Teat Place Front	106 C
Chest Width	102	Udder Texture	97	Teat Place Rear	104 C
Pin Width	107	Udder Depth	102 O	Teat Length	97

NORMAN

Primestad x Faber

Oaklands Pastoral Norman

$BPI	HWI	SI	ASI
162/60%	111/53%	241/56%	105/91%

Bull ID: ARBNORMAN **Sire:** Waikato Farm Primestad P **Herdbook:** 31500 **Casein:** A22 AA
Nasis: 12UUV14 **Dam:** Blackwood Park 1416 **Breeder:** Oakland Pastoral, Mount Gambier, SA **Genetic Code:**

- Ideal for cross breeding programs
- Adds dairy strength

ABV 04/26	G dtrs G herds RIP G%
Protein kg	16 /91%
Protein %	0.37% /91%
Milk L	-120 /91%
Fat kg	-6 /91%
Fat %	-0.02% /91%
Milk Speed	101 /46%
Temp	104 /46%
Survival	103 /40%
Calving Ease	n/a
Gest Length	-3 /95%
Cell Count	97 /91%
Mastitis Res	100 /33%
Daughter Fert	100 /44%
Feed Saved	-47 /23%
Heat Tol	n/a

ABV Type Composite 04/26	0 dtrs 0 herds Rel 42%
Overall Type	102
Mammary Sytem	101
Feet & Legs	97
Dairy Strength	101
Rump	100

90 95 100 105 110

Type 04/26					0 dtrs 0 herds Rel 42%
Stature	105	Pin Set	103 O	Fore Attach	101
Bone Quality	99 C	Loin Strength	102	Rear Udder Height	102
Angularity	100	Heel Depth	98	Rear Udder Width	99
Muzzle Width	104	Rear Leg Set	101 C	Centre Ligament	102
Body Depth	99	Rear Leg Rear View	95	Teat Place Front	100 O
Chest Width	102	Udder Texture	100	Teat Place Rear	100 C
Pin Width	101	Udder Depth	100 O	Teat Length	105

PRIMESTAD P

Onstad P x Uddin

Waikato Farm Primestad P

$BPI	HWI	SI	ASI
107/86%	4/80%	178/81%	83/97%

Bull ID: ARBPRIMESTAD **Sire:** Onstad P **Herdbook:** 30212 **Casein:** A22 AA
Nasis: 12UUR02 **Dam:** Waikato Farm Primula 4209 Twin EX90 **Breeder:** Waikato Farm Aussie Reds, Numurkah, VIC **Genetic Code:** POC

- Reliable production improver
- Improves type and mammary

ABV 04/26	402 dtrs 55 herds RIP 37%
Protein kg	10 /97%
Protein %	0.05% /97%
Milk L	256 /97%
Fat kg	5 /97%
Fat %	-0.09% /97%
Milk Speed	100 /85%
Temp	105 /85%
Survival	104 /82%
Calving Ease	n/a
Gest Length	-4 /98%
Cell Count	110 /96%
Mastitis Res	99 /70%
Daughter Fert	95 /80%
Feed Saved	-93 /47%
Heat Tol	n/a

ABV Type Composite 04/26	71 dtrs 15 herds Rel 86%
Overall Type	105
Mammary Sytem	105
Feet & Legs	97
Dairy Strength	102
Rump	99

90 95 100 105 110

Type 04/26					73 dtrs 9 herds Rel 86%
Stature	110	Pin Set	102 O	Fore Attach	103
Bone Quality	98 C	Loin Strength	104	Rear Udder Height	104
Angularity	101	Heel Depth	97	Rear Udder Width	101
Muzzle Width	105	Rear Leg Set	101 C	Centre Ligament	105
Body Depth	98	Rear Leg Rear View	91	Teat Place Front	102 O
Chest Width	104	Udder Texture	103	Teat Place Rear	102 C
Pin Width	106	Udder Depth	100 O	Teat Length	110

PADINGTON

Hosea x Marnus

Johville Park Padington

$BPI	HWI	SI	ASI
512/50%	353/42%	689/47%	393/79%

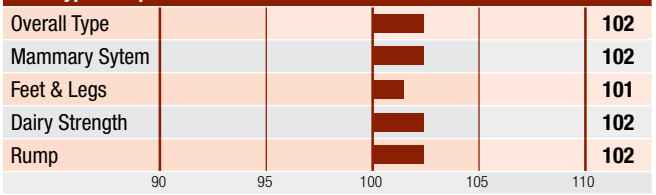
Bull ID: ARBPADINGTON
Nasis: 12UUX12
Sire: VR Solvarp Hjuve Hosea
Dam: Johville Park Marnus 6623
Herdbook: 103282
Breeder: Johville Park Aussie Reds, Leitchville, VIC
Casein: A22 AA
Genetic Code:

- Total Performance sire, Top 1% $BPI, SI, ASI & fat kgs
- Improvements to health & type traits

ABV 04/26 — G dtrs G herds RIP G%

Protein kg	15 /79%	Milk Speed	101 /29%	Cell Count	118 /79%
Protein %	0.23% /79%	Temp	100 /29%	Mastitis Res	102 /23%
Milk L	109 /79%	Survival	104 /27%	Daughter Fert	101 /25%
Fat kg	50 /79%	Calving Ease	n/a	Feed Saved	-54 /17%
Fat %	0.65% /79%	Gest Length	0 /51%	Heat Tol	n/a

ABV Type Composite 04/26 — 0 dtrs 0 herds Rel 28%



Type 04/26 — 0 dtrs 0 herds Rel 28%

Stature	104	Pin Set	100 H	Fore Attach	103
Bone Quality	100 C	Loin Strength	102	Rear Udder Height	101
Angularity	102	Heel Depth	0	Rear Udder Width	99
Muzzle Width	100	Rear Leg Set	98 C	Centre Ligament	101
Body Depth	103	Rear Leg Rear View	102	Teat Place Front	101 O
Chest Width	102	Udder Texture	101	Teat Place Rear	101 C
Pin Width	103	Udder Depth	103 S	Teat Length	99

PONGA

Enger x Foske

Beaulands Ponga

$BPI	HWI	SI	ASI
310/76%	276/69%	462/71%	210/95%

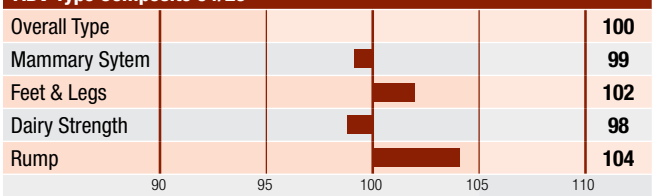
Bull ID: ARBPONGA
Nasis: 12UUP06
Sire: Enger
Dam: Beaulands Foske Leaf GP84
Herdbook: 29533
Breeder: Beaulands Aussie Reds, Nowra, NSW
Casein: A22 AB
Genetic Code:

- Reliable choice now with milking daughters
- A level of improved milk and total milk solids can be expected

ABV 04/26 — 63 dtrs 16 herds RIP 9%

Protein kg	18 /95%	Milk Speed	100 /73%	Cell Count	97 /93%
Protein %	0.08% /95%	Temp	102 /73%	Mastitis Res	99 /55%
Milk L	501 /95%	Survival	104 /63%	Daughter Fert	103 /66%
Fat kg	20 /95%	Calving Ease	n/a	Feed Saved	11 /35%
Fat %	-0.02% /95%	Gest Length	0 /94%	Heat Tol	n/a

ABV Type Composite 04/26 — 25 dtrs 9 herds Rel 61%



Type 04/26 — 12 dtrs 5 herds Rel 61%

Stature	101	Pin Set	109 L	Fore Attach	98
Bone Quality	99 C	Loin Strength	99	Rear Udder Height	96
Angularity	101	Heel Depth	105	Rear Udder Width	102
Muzzle Width	99	Rear Leg Set	100 C	Centre Ligament	102
Body Depth	97	Rear Leg Rear View	100	Teat Place Front	101 O
Chest Width	98	Udder Texture	99	Teat Place Rear	100 C
Pin Width	101	Udder Depth	98 D	Teat Length	100

TYRELL

Onstad x Tokyo

Beaulands Tyrell

$BPI	HWI	SI	ASI
189/69%	127/61%	304/65%	125/92%

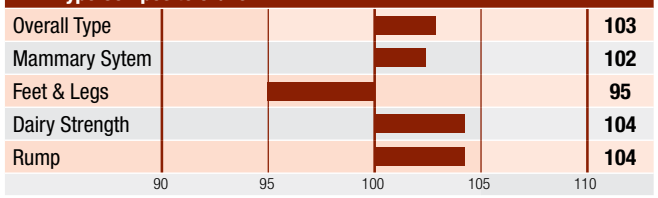
Bull ID: ARBTYRELL **Sire:** Onstad P **Herdbook:** 31188 **Casein:** A12
Nasis: 12UUU14 **Dam:** Beaulands Tokyo Princess **Breeder:** Beaulands Aussie Reds, Nowra, NSW **Genetic Code:**

- Use to boost milk volume, top 1% Milk litres
- Use to improve rumps

ABV 04/26 — 9 dtrs 4 herds RIP 66%

Protein kg	17 /92%	Milk Speed	102 /61%	Cell Count	108 /92%
Protein %	-0.12% /92%	Temp	103 /61%	Mastitis Res	100 /44%
Milk L	852 /92%	Survival	103 /51%	Daughter Fert	99 /50%
Fat kg	12 /92%	Calving Ease	n/a	Feed Saved	-51 /28%
Fat %	-0.35% /92%	Gest Length	-1 /90%	Heat Tol	n/a

ABV Type Composite 04/26 — 7 dtrs 2 herds Rel 51%



Type 04/26 — 0 dtrs 0 herds Rel 51%

Stature	103	Pin Set	103 0	Fore Attach	101
Bone Quality	97 C	Loin Strength	103	Rear Udder Height	102
Angularity	102	Heel Depth	96	Rear Udder Width	102
Muzzle Width	100	Rear Leg Set	101 C	Centre Ligament	101
Body Depth	103	Rear Leg Rear View	96	Teat Place Front	100 0
Chest Width	103	Udder Texture	103	Teat Place Rear	99 C
Pin Width	103	Udder Depth	97 D	Teat Length	101

SKEETA

Onstad x Foske

Johville Park Skeeta

$BPI	HWI	SI	ASI
276/43%	159/43%	394/41%	244/61%

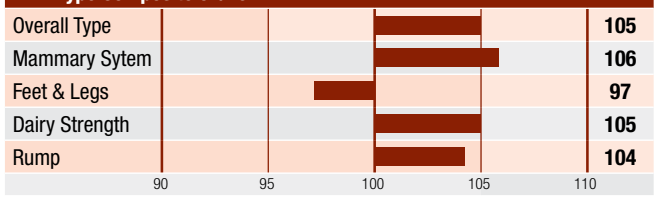
Bull ID: ARBSKEETA **Sire:** Onstad P **Herdbook:** 31650 **Casein:** A22 AB
Nasis: 12UUV13 **Dam:** Johville Park Foske 5773 **Breeder:** Johville Park Aussie Reds, Leitchville, VIC **Genetic Code:**

- The right balance of Production and Type traits
- Use to improve conformation and Udder shape while maintaining high production

ABV 04/26 — 1 dtrs 1 herds RIP 100%

Protein kg	18 /61%	Milk Speed	101 /50%	Cell Count	77 /59%
Protein %	0.21% /61%	Temp	102 /50%	Mastitis Res	98 /42%
Milk L	246 /61%	Survival	103 /49%	Daughter Fert	100 /49%
Fat kg	22 /61%	Calving Ease	n/a	Feed Saved	-65 /28%
Fat %	0.17% /61%	Gest Length	0 /98%	Heat Tol	n/a

ABV Type Composite 04/26 — 0 dtrs 0 herds Rel 51%



Type 04/26 — 0 dtrs 0 herds Rel 51%

Stature	104	Pin Set	104 0	Fore Attach	101
Bone Quality	97 C	Loin Strength	103	Rear Udder Height	101
Angularity	103	Heel Depth	101	Rear Udder Width	108
Muzzle Width	103	Rear Leg Set	101 C	Centre Ligament	104
Body Depth	104	Rear Leg Rear View	95	Teat Place Front	104 C
Chest Width	104	Udder Texture	104	Teat Place Rear	101 C
Pin Width	103	Udder Depth	96 D	Teat Length	106

The Illawarra Breed

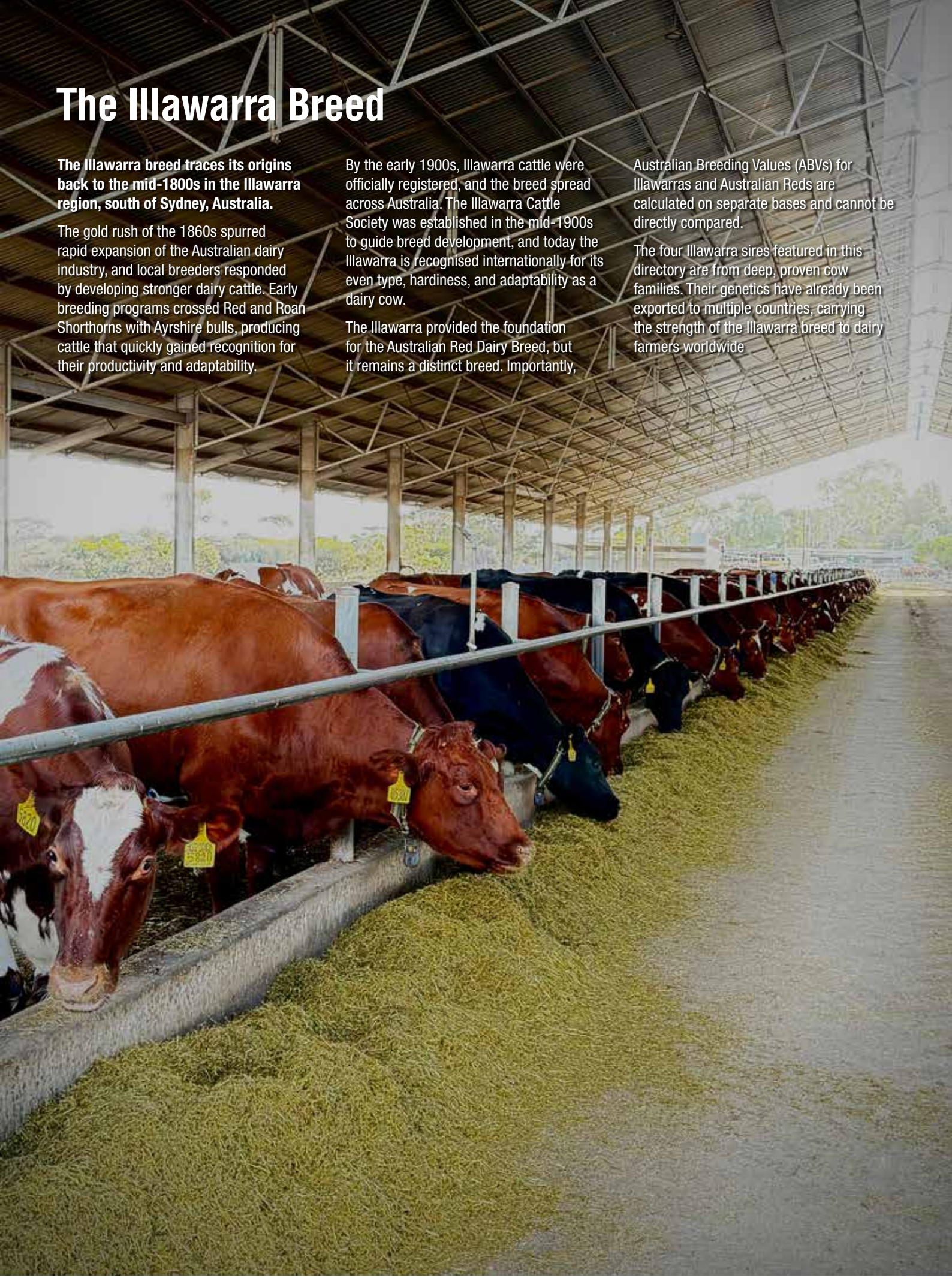
The Illawarra breed traces its origins back to the mid-1800s in the Illawarra region, south of Sydney, Australia.

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



HAZZA

Jazz x Savard

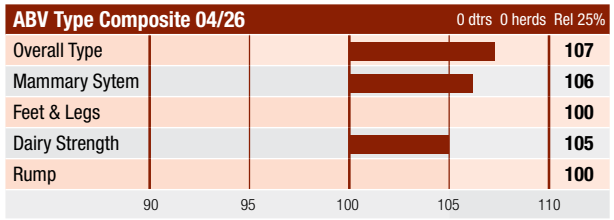
Kangawarra Hazza

$BPI	HWI	SI	ASI
61/48%	-13/43%	88/45%	13/69%

Bull ID: KGHAZZA **Sire:** Bushmills Jazz **Herdbook:** 5311 **Haplotype:** **Casein:** A11 AB
Nasis: 12ISU11 **Dam:** Kangawarra Hope 4585th EX92 3E **Breeder:** Tom & Kylie Chrochane, Pyree, NSW **Genetic Code:**

- Semen exported to Europe, UK
- Early milking daughters are impressive

ABV 04/26	G dtrs G herds RIP G%
Protein kg	-2 /69%
Protein %	-0.08% /69%
Milk L	85 /69%
Fat kg	6 /69%
Fat %	0.04% /69%
Milk Speed	102 /44%
Temp	103 /44%
Survival	103 /39%
Calving Ease	n/a
Gest Length	-2 /78%
Cell Count	101 /67%
Mastitis Res	100 /23%
Daughter Fert	96 /38%
Feed Saved	-36 /15%
Heat Tol	n/a



Type 04/26						0 dtrs 0 herds Rel 25%
Stature	101	Pin Set	100H	Fore Attach	103
Bone Quality	100C	Loin Strength	102	Rear Udder Height	103
Angularity	103	Heel Depth	0	Rear Udder Width	106
Muzzle Width	105	Rear Leg Set	100C	Centre Ligament	101
Body Depth	104	Rear Leg Rear View	100	Teat Place Front	104C
Chest Width	104	Udder Texture	103	Teat Place Rear	100C
Pin Width	100	Udder Depth	1020	Teat Length	97

JAZZY

Manu x Jet

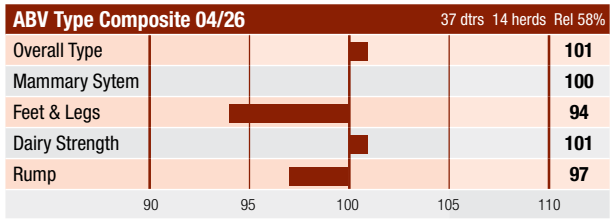
Gorbro Joans Jazz

$BPI	HWI	SI	ASI
61/78%	67/72%	139/73%	11/96%

Bull ID: JAZZY **Sire:** Eagle Park Manu **Herdbook:** 5168 **Haplotype:** **Casein:** A22
Nasis: 12ISP17 **Dam:** Llandovery JR Joan 982 EX95-6E **Breeder:** Gorbro Farms, Cohuna, Vic **Genetic Code:**

- Last stocks, will sell out this year
- Dam was one of Australia's most admired cows

ABV 04/26	158 dtrs 42 herds RIP 19%
Protein kg	13 /96%
Protein %	-0.22% /96%
Milk L	918 /96%
Fat kg	-2 /96%
Fat %	-0.59% /96%
Milk Speed	105 /75%
Temp	102 /75%
Survival	105 /72%
Calving Ease	n/a
Gest Length	0 /94%
Cell Count	88 /94%
Mastitis Res	94 /74%
Daughter Fert	101 /69%
Feed Saved	-20 /35%
Heat Tol	n/a



Type 04/26						16 dtrs 5 herds Rel 58%
Stature	103	Pin Set	100H	Fore Attach	102
Bone Quality	98C	Loin Strength	103	Rear Udder Height	101
Angularity	102	Heel Depth	95	Rear Udder Width	95
Muzzle Width	97	Rear Leg Set	104C	Centre Ligament	98
Body Depth	100	Rear Leg Rear View	92	Teat Place Front	105C
Chest Width	99	Udder Texture	98	Teat Place Rear	101C
Pin Width	94	Udder Depth	1020	Teat Length	100

BULLZYE

Remarkable x Vipor

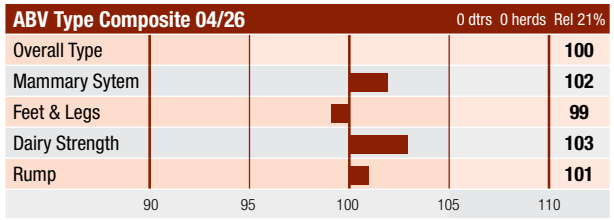
Kangawarra Bullzye

$BPI	HWI	SI	ASI
412/39%	275/33%	604/38%	344/60%

Bull ID: KGBULLZYE **Sire:** Mash Remarkable **Herdbook:** 5350 **Haplotype:** **Casein:** A22 BB
Nasis: 12ISV08 **Dam:** Kangawarra Buttercup 6360 VG85 **Breeder:** Tom & Kylie Chrochane, Pyree, NSW **Genetic Code:**

- From the highlty regarded Buttercup cow family
- Offers a wll balanced Production ABV and no holes type

ABV 04/26	G dtrs G herds RIP G%
Protein kg	21 /60%
Protein %	0.36% /60%
Milk L	57 /60%
Fat kg	32 /60%
Fat %	0.43% /60%
Milk Speed	101 /24%
Temp	100 /24%
Survival	102 /23%
Calving Ease	n/a
Gest Length	-1 /18%
Cell Count	123 /56%
Mastitis Res	103 /16%
Daughter Fert	98 /21%
Feed Saved	-16 /14%
Heat Tol	n/a



Type 04/26						0 dtrs 0 herds Rel 21%
Stature	99	Pin Set	100H	Fore Attach	102
Bone Quality	1020	Loin Strength	100	Rear Udder Height	102
Angularity	101	Heel Depth	0	Rear Udder Width	103
Muzzle Width	102	Rear Leg Set	101C	Centre Ligament	98
Body Depth	103	Rear Leg Rear View	100	Teat Place Front	990
Chest Width	103	Udder Texture	103	Teat Place Rear	99C
Pin Width	101	Udder Depth	98D	Teat Length	101

REWARD

Liberton x Mitch

Glenbrook Beautys Reward

$BPI	HWI	SI	ASI
235/38%	152/32%	336/36%	168/59%

Bull ID: GBREWARD
Nasis: 12ISW08
Sire: Blackwood Park Liberton
Dam: Ovensdale Beauty 383rd EX92
Herdbook: 5396
Breeder: Ian Mueller, Murray Bridge, SA
Casein: A22 AA
Genetic Code:

- One of Australia most popular Illawarra sires
- Expect stylish daughters with excellent mammary and dairy strength

ABV 04/26						G dtrs G herds RIP G%
Protein kg	11 /59%	Milk Speed	101 /22%	Cell Count	100 /57%	
Protein %	0.10% /59%	Temp	99 /22%	Mastitis Res	100 /14%	
Milk L	246 /59%	Survival	103 /24%	Daughter Fert	100 /23%	
Fat kg	17 /59%	Calving Ease	n/a	Feed Saved	-34 /11%	
Fat %	0.10% /59%	Gest Length	-2 /28%	Heat Tol	n/a	

ABV Type Composite 04/26		0 dtrs 0 herds Rel 19%
Overall Type		105
Mammary Sytem		102
Feet & Legs		101
Dairy Strength		104
Rump		106

90 95 100 105 110

Type 04/26						0 dtrs 0 herds Rel 19%
Stature	101	Pin Set	1030	Fore Attach	101	
Bone Quality	1040	Loin Strength	104	Rear Udder Height	101	
Angularity	103	Heel Depth	1010	Rear Udder Width	105	
Muzzle Width	102	Rear Leg Set	100C	Centre Ligament	100	
Body Depth	103	Rear Leg Rear View	102	Teat Place Front	98W	
Chest Width	103	Udder Texture	100	Teat Place Rear	99C	
Pin Width	103	Udder Depth	1010	Teat Length	97	

LYONS

Beemer x Ilex

Cluain Lyons

$BPI	HWI	SI	ASI
481/54%	303/47%	816/51%	434/79%

Bull ID: CNLYONS
Nasis: 12ISW06
Sire: Blackwood Park Beemer
Dam: Cluain 4821 Lustre
Herdbook: 5391
Breeder: Hamilton's Run Mount Gambier SA
Casein: A12 AB
Genetic Code:

- First choice Illawarra sire, #1 $BPI, HWI and SI and #2 production
- LYONS is a stylish bull and Dam a functional easy care cow

ABV 04/26						G dtrs G herds RIP G%
Protein kg	43 /79%	Milk Speed	100 /35%	Cell Count	105 /79%	
Protein %	0.09% /79%	Temp	100 /35%	Mastitis Res	102 /20%	
Milk L	1423 /79%	Survival	104 /32%	Daughter Fert	97 /30%	
Fat kg	39 /79%	Calving Ease	n/a	Feed Saved	-45 /22%	
Fat %	-0.32% /79%	Gest Length	-2 /95%	Heat Tol	n/a	

ABV Type Composite 04/26		0 dtrs 0 herds Rel 35%
Overall Type		103
Mammary Sytem		100
Feet & Legs		100
Dairy Strength		105
Rump		100

90 95 100 105 110

Type 04/26						0 dtrs 0 herds Rel 35%
Stature	102	Pin Set	99H	Fore Attach	101	
Bone Quality	100c	Loin Strength	104	Rear Udder Height	97	
Angularity	104	Heel Depth	100	Rear Udder Width	103	
Muzzle Width	103	Rear Leg Set	98C	Centre Ligament	100	
Body Depth	104	Rear Leg Rear View	100	Teat Place Front	99D	
Chest Width	103	Udder Texture	101	Teat Place Rear	99C	
Pin Width	108	Udder Depth	98D	Teat Length	96	

TYPE ABVs

Type – or conformation – affects a cow's functional performance in the dairy herd, so many dairy farmers consider type in their breeding decisions. Australian Breeding Values (ABVs) for type are a tool for breeding for improved type.

Breeding for improved type

DataGene publishes ABVs for more than 20 individual type traits, which are sometimes referred to as 'linears'.

Dairy farmers are often more interested in a group of traits which combine to affect a cow's functional performance in the herd. An ABV based on a combination of traits is referred to as a 'composite' trait. DataGene publishes ABVs for five composite type traits: Overall Type, Mammary System, Feet & Legs, Dairy Strength and Rump.

Using Type ABVs

Type ABVs are expressed against the base (the average of a group of animals within a defined birth year range, that serves as a comparison point). The base is set at 100 with a standard deviation set to 5; for example, an ABV of 105 is 1 standard deviation above average.

For many traits, an ABV of greater than 100 indicates an animal that is better than the breed average for that particular type trait. Take for example, fore udder attachment. A stronger fore udder attachment is desirable because it has a strong association with longevity in Holstein and Jersey cows. The optimum or 'ideal' is therefore very strong fore attachment.

– To improve fore udder attachment: choose bulls with an ABV of greater than 100.

The same applies to the composite traits Mammary System, Feet & Legs, Dairy Strength and Rump and Overall Type.

Australian breed associations set the ideals for each type trait.

Intermediate optimums

More is not always better. For some traits the ideal is an intermediate score.

An example is rear teat placement, which refers to the position of rear teats relative to the centre of the quarter. Rear teat placement affects the ease with which cups can be attached in the milking shed. Neither extreme is desirable: cups are difficult to attach if rear teats are too close or too wide. The optimum position is intermediate. A bull with a Rear Teat Placement ABV of 100 may represent the breed average but the optimum for the trait may be different.

Since December 2025, DataGene has enhanced the way it expresses six traits with intermediate optimums:

1. Pin Set
2. Rear Set
3. Udder Depth
4. Teat Placement Fore
5. Teat Placement Rear
6. Bone Quality

The way these ABVs are calculated has not changed. The change in expression just makes it easier for breeders to recognise animals that are close to the intermediate optimum.

The change involved including a letter after the breeding value. The letter indicates if the ABV is within the optimum range (O) or an alternative letter indicating the trait direction.

Information behind type ABVs

Type is recorded by trained classifiers who visit farms and assess cows individually based on the biological range of each type trait.

Results for individual traits are referred to as Linear Type scores. A final score is then allocated based on how closely the combination of the individual linear scores reflect the breed society's definition of the ideal cow.

Overall Type ABV

The Overall Type ABV is based on the final classification score and a combination of the four composite type ABVs. The weightings are set by breed associations.

Indices: BPI, HWI, SI

Overall Type, Mammary System, Udder Depth and Pin Set are included in Australia's three indices: Balanced Performance Index (BPI), Health Weighted Index (HWI) and Sustainability Index (SI). The table shows the different weightings of type in DataGene's Holstein indices.

Relative emphasis of traits in Red Breeds breeding indices %

	Balanced Performance Index [BPI]	Health Weighted Index [HWI]	Sustainability Index [SI]
Production [ASI]	46%	33%	53%
Health & Fertility	35%	49%	29%
TYPE	**13%**	**8%**	**9%**
Workability	4%	4%	3%
Feed Saved	2%	5%	7%

Sources of information for bull ABVs

Through a bull's life, the information used in genetic evaluation changes. Before he has any progeny, only pedigree and genomics are used for his breeding value. A bull may have daughters overseas and his Interbull information will be used in any trait where multi-country evaluations (MACE) are available. Overall Type, Mammary System, Feet & Leg Composite and many linear traits include contributions from Interbull for bulls with daughters overseas.

As Australian daughters enter the milking herd, their information will begin to influence the bull's breeding values. With enough Australian daughters, the most of a bull's breeding value comes from these Australian records.

AUSTRALIA'S THREE BREEDING INDICES

Balanced Performance Index [BPI], Health Weighted Index [HWI] and Sustainability Index [SI]

Australia's three breeding indices – BPI, HWI and Sustainability Index – account for the traits that affect a cow's lifetime contribution to the dairy business: production, health and fertility, longevity, workability, type and feed efficiency. The difference is in the amount of emphasis given to specific traits.

Why use an index?

Most dairy farmers want to breed to improve more than one trait at once. Breeding Indices take the hard work out of breeding for multiple traits by combining them in a single value. They are based on rigorous scientific analysis and industry priorities.

Balanced Performance Index (BPI)

The Balanced Performance Index (BPI) is an economic index that drives improvements in the traits that affect lifetime contribution to the farm business: production, health, fertility, longevity, workability, feed efficiency and type. It reflects most farmers' preferences. The BPI is measured in $, compared with the breed average (or 'base') which is set at zero.

Health Weighted Index (HWI)

The Health Weighted Index allows farmers to fast-track genetic gain for traits such as fertility, mastitis resistance, calving ease, gestation length and feed saved. The HWI places greater weighting on these traits than the BPI. Breeding for HWI is expected to reduce cow size and show little improvement in production. This is because it places less emphasis on milk yield per cow. The HWI is modelled on a strictly seasonal calving system.

Sustainability Index

Introduced in August 2022, the Sustainability Index enables farmers to fast-track breeding for reduced greenhouse gas emissions intensity by placing greater emphasis on the traits that contribute to reducing emissions intensity (production, survival and feed saved). The Sustainability Index is a relative ranking of animals expressed as a unit against a base of 0. The higher the Sustainability Index number, the more efficient the animal for emissions intensity. The unit of emissions intensity used in the Sustainability Index is kilograms of carbon dioxide equivalent per kilogram of protein equivalent produced (kg CO2-eq/ kg protein-eq). The Sustainability Index is a desired gains index and cannot be directly compared to the BPI or HWI.

What animals get a BPI, HWI and Sustainability Index?

Genomically tested animals, dairy cows and bulls can receive a BPI, HWI and Sustainability Index if sufficient data is available in DataGene's genetic evaluation system.

Breed differences

The relative emphasis given to traits in the BPI, HWI and Sustainability Index varies slightly across breeds. For example, the Jersey BPI excludes Feed Saved reflecting differences between breeding objectives (the breed is putting less emphasis on efficiency as the breed has been at the forefront of efficiency).

Publishing the results

DataGene's genetic evaluation system calculates animals' BPI, HWI, Sustainability Index, Australian Selection Index (ASI) and Australian Breeding Values (ABVs) for individual traits. They are calculated from available information such as genomic results, herd test data, records from on-farm software, classification results and workability reports.

They are updated regularly as more information becomes available. Bulls' BPI, HWI, Sustainability Index and ABVs are published every April, August and December.

Breed average (the 'base')

Breeding values and indices are relative measures meaning they make more sense when compared to each other or to an average. The average, also known as the 'base' is a clearly defined group of animals to which all others are compared.

In Australia, the average/base is defined as cows of the same breed that were born between 2018 and 2022. It is updated every five years in line with international best practice (Interbull).

The breed average/base for BPI, HWI and Sustainability Index are set at zero. Animals with a negative index value are below average for their breed.

Don't compare breed BPI, HWI, Sustainability Index values

It is not valid to compare BPI, HWI or Sustainability Index values between breeds. An Australian Red animal with a BPI of say 150 is not comparable to an Illawarra animal with a BPI of 150. This is because the BPI and HWI values are relative to their breed average (the base).

Trait weightings by breed

The BPI, HWI and SI each account for the traits that affect a cow's lifetime contribution to the dairy business: production, health and fertility, feed saved, workability and type.

The difference between them is the relative emphasis given to each trait. The HWI is weighted to fast-track genetic gain in fertility and health traits, with production secondary. The Sustainability Index is weighted to fast track genetic gain for reduced emissions intensity

The relative emphasis given to traits in the indices is consistent across breeds, with the exception of the Jersey BPI which excludes feed saved.

However, breed differences occur when the relative emphasis of traits is expressed as a percentage, for example in a pie chart. Expressing as a percentage accounts for the genetic variability (standard deviation) within the breed; for example, the Australian Holstein breed has more genetic variation for fertility than Jerseys and it is therefore easier to improve fertility in Holsteins. The pie charts show the relative emphasis of traits used for the Holstein breed for BPI, HWI and SI from November 2025.

UNDERSTANDING THE ABVS

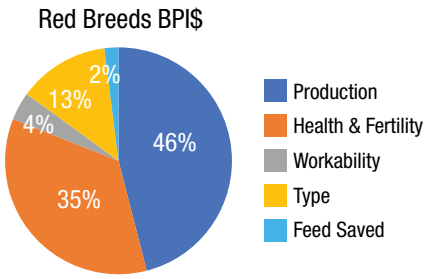
Australia has three breeding indices, the Balanced Performance Index] BPI], the Health Weighted Index [HWI] and the Sustainability Index [SI]. The $BPI is an economic Index and blends production, type, and health traits according to their economic values. It is the index most used by farmers while the 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. periodically and reflects the cows milking on today's herds.

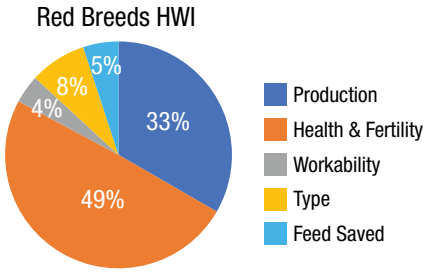
The BPI, is expressed in dollar units with the breed average set at 0 while the HWI and SI is measured in units with the breed average set at 0. ABVs cannot be compared between breeds, only within breed and are relative measures, they make more sense when compared to each other to an average.

The average is defined as the average of cows born between 2018-2022. It is updated every 5 years and reflects the cow milking in today's herds.

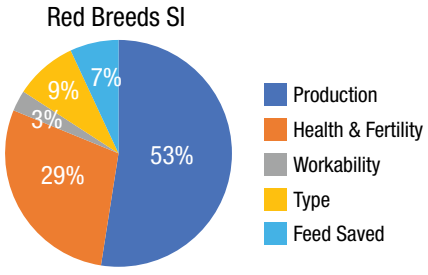
A BALANCED PERFORMANCE INDEX [BPI]



B HEALTH WEIGHTED INDEX [HWI]



C SUSTAINABILITY INDEX [SI]



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: (7.95 x Protein kg ABV) + (5.67 x Fat kg ABV) - (0.09 x 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.

- 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.

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.

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.

PADINGTON

Hosea x Marnus

Johville Park Padington

A $BPI	B HWI	C SI	E ASI
512/50%	353/42%	689/47%	393/79%

Bull ID: ARBPADINGTON
Nasis: 12UUX12
Sire: VR Solvarp Hjuve Hosea
Dam: Johville Park Marnus 6623
Herdbook: 103282
Breeder: Johville Park Aussie Reds, Leitchville, VIC
Casein: A22 AA
Genetic Code:

- Total Performance sire, Top 1% $BPI, SI, ASI & fat kgs
- Improvements to health & type traits

ABV 04/26 D						G dtrs G herds RIP G%
Protein kg	15 /79%	Milk Speed F	101 /29%	Cell Count G	118 /79%	
Protein %	0.23% /79%	Temp	100 /29%	Mastitis Res H	102 /23%	
Milk L	109 /79%	Survival K	104 /27%	Daughter Fert I	01 /25%	
Fat kg	50 /79%	Calving Ease	n/a	Feed Saved M	-54 /17%	
Fat %	0.65% /79%	Gest Length J	0 /51%	Heat Tol L	n/a	

ABV Type Composite 04/26 N	0 dtrs 0 herds Rel 28%
Overall Type	102
Mammary Sytem	102
Feet & Legs	101
Dairy Strength	102
Rump	102

90 95 100 105 110

Type 04/26					0 dtrs 0 herds Rel 28%
Stature	104	Pin Set	100 H	Fore Attach	103
Bone Quality	100 C	Loin Strength	102	Rear Udder Height	101
Angularity	102	Heel Depth	0	Rear Udder Width	99
Muzzle Width	100	Rear Leg Set	98 C	Centre Ligament	101
Body Depth	103	Rear Leg Rear View	102	Teat Place Front	101 O
Chest Width	102	Udder Texture	101	Teat Place Rear	101 C
Pin Width	103	Udder Depth	103 S	Teat Length	99

K 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.

L HEAT TOLERANCE

The Heat Tolerance ABV describes an animals ability to maintain production during hot and humid conditions. Animals with higher Heat Tolerance ABV's are less likely to suffer production drops in hot weather.

M 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.

N 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.

DataGene Solutions for Herd Development

DataGene is an independent and industry-owned organisation responsible for driving genetic gain and herd improvement in the Australian dairy industry.

DataGene performs pre-competitive herd improvement functions such as genetic evaluation, herd testing and herd improvement software development and data systems.

DataGene is a Dairy Australia and industry collaboration.

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