



# 2023/24 JERSEY HOLSTEIN SIRE DIRECTORY



Breeding Better Dairy Herds

**Genetics** AUSTRALIA

# CONTENTS

## AUSTRALIAN JERSEY

- 5 AUSSIEGOLD
- 6 TYBALT
- 6 VALBONE
- 7 VALENBLAST
- 8 POLLEDHERO
- 8 CASPIAN
- 9 TAHBILK

## AUSTRALIAN HOLSTEIN

- 10 PILBARA
- 10 AMALFI
- 11 SUPERPOWER
- 12 VARLEY

- 13 SBDENILQUIN
- 13 STORMP3
- 13 LEADINGEDGEL292
- 13 MAINEVENT

- 14 UNDERSTANDING ABVS
- 15 UNDERSTANDING ABVS

## More than 60 years of Genetic Improvement

Genetics Australia was formed as a farmer owned cooperative in 1958 and first 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 in Australian genetic improvement for generations.

Through 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 1980's as the widespread movement of genetics grew genetics from North America and Europe were infused with the best of the local population. Australia 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 from anywhere in the world.

The Australian cow is an efficient producer in a low-cost grazing system but when challenged with additional feed can respond with increased milk production. Through the aggressive development of non-production traits and the importance placed on health, fertility, feed efficiency and functional type she can produce for many profitable lactations.

The bulls featured in this Directory are the result of more than 60 years of developing the best genetics. They come from leading cow families developed by some of the best Breeders and research and development conducted by some of the world most respected scientists.



DISCLAIMER – The content of this Catalogue is provided for information only. It is published with care and attention to accuracy, but Genetics Australia accepts no liability if, for any reason the information is inaccurate or out of date whether negligent or otherwise

# Experience the difference with Australian genetics

YourFarmGenetics (YFG) was founded in Zimbabwe in 2020, with a primary focus on delivering artificial breeding services and nutritional guidance to both smallholder and large-scale dairy and beef farmers in Africa. We have established a strategic partnership with Genetics Australia (GA) to enhance African dairy and beef herds.

Our core mission revolves around elevating dairy and beef cattle production in Africa by providing superior genetics and reliable on-farm services on a consistent basis. At YFG, we are dedicated to revolutionising efficiency by implementing strategic dairy and beef genetic solutions. Through our efforts, we empower smallholder farmers to develop better breeding programs and, in turn, enhance their livelihoods.

In line with our mission, we have set specific objectives:

1. Elevate the livelihoods of smallholder Dairy and Beef Cattle Farmers by making available affordable, high-quality genetic

materials and cost-effective livestock products and services.

2. Empower young and African women dairy and beef cattle farmers through (i) providing strategies to enhance on-farm efficiency in dairy and beef cattle production and (ii) fostering collaborative approaches to strengthen the dairy and beef cattle value chains, thereby creating opportunities for wealth generation and employment.

At YFG, we firmly believe that the key to a flourishing dairy enterprise lies in breeding robust, adaptable, and high-performing dairy breeds. We are excited to showcase the remarkable potential of Australian dairy breeds in shaping a sustainable and profitable agricultural landscape in Africa. Australian dairy breeds are exceptionally well-suited for the diverse agricultural conditions found across the African continent due to their size, adaptability, hardiness, and strong genetics. These attributes offer great promise to local farmers and communities looking to enhance their

dairy operations, given the similarities in climatic conditions and production systems between Africa and Australia.

The bulls featured in this Sire Directory epitomise the finest genetics Australia has to offer. They are currently being utilised by Australian farmers with proven success in Australian production systems. The selection of products from GA is based on traits of significant importance in dairy practices, not only in Zimbabwe but across the entire Southern Africa Region. Genetics Australia, with its over 60 years of experience in selecting bulls, places equal emphasis on production and non-production traits. This approach is crucial for providing genetic material that caters to the needs of both smallholder and large-scale dairy producers, who seek not just high production but also animals selected for health, fertility, feed efficiency (the ability to produce on low-quality feed materials), and functional type, implying cows can produce over multiple lactations, thus reducing the replacement rate.



# HOLSTEIN Australian Breeding Values / August 2023



## PRODUCTION

Code	Full Name	Polled	A2	Nasis ID	Pedigree	BPI	BPI Rel%	HWI	SI	ASI	Protein (Kg)	Protein %	Milk (L)	Fat (Kg)	Fat %	Rel %	Daughters	Herds	Milk Speed	Temp	Likeability	Overall Type	Mamm Syst	Rel%	Cell Count	Mast Res	Dtr Fert	Gest Length	Calving Ease	Rel%
AMALFI	Carenda Amalfi		A22	12FFSAL	Fedora x Mainevent	420	70	464	560	111	6	0.14%	-48	32	0.50%	79	4	2	102	101	104	107	106	69	191	109	116	-2	99	98
PILBARA	Carenda Pilbara		A22	12FFRAE	Perseus x Powerball	424	82	463	792	166	25	0.30%	356	11	-0.05%	94	133	24	102	103	106	105	107	94	158	104	114	-2	104	96
SUPERPOWER	Emu Banks Superpower		A22	12FFPAA	Powerball x Supersire	380	83	366	757	216	28	0.47%	119	16	0.16%	91	73	23	100	102	104	105	101	91	144	103	109	-4	102	93
VARLEY	Carenda Varley		A22	12FTFL2	Pemberton x Superhero	510	69	461	949	252	32	0.51%	203	24	0.22%	79	0	0	102	106	107	109	110	79	181	106	107	1	102	98

## TYPE

Code	Overall Type	Mamm Syst	Dairy Strength	Rump	Feet & Legs	Stature	Bone Quality	Angularity	Muzzle Width	Body Depth	Chest Width	Pin Width	Pin Set	Loin Strength	Heel Depth	Rear Leg Set	R Leg R View	Udder Texture	Udder Depth	Fore Attach	R Udder Height	R Udder Width	Centre Lig	Teat Place F	Teat Place R	Teat Length	Rel %	Survival	Heat Tolerance	Feed Saved
AMALFI	107	106	103	103	99	102	95	101	106	102	104	104	96	105	99	98	103	102	103	103	107	101	106	104	102	94	69	109	100	-159
PILBARA	105	107	103	97	99	99	103	99	98	104	103	99	92	100	98	98	103	104	103	101	109	104	105	100	105	96	75	108	96	-56
SUPERPOWER	105	101	102	104	96	101	101	98	105	101	101	101	101	103	95	103	101	101	99	101	102	102	97	101	94	99	80	106	99	-40
VARLEY	109	110	105	103	98	107	99	104	100	103	103	109	97	103	94	98	100	101	103	105	106	106	108	105	104	102	67	108	91	-91

# JERSEY Australian Breeding Values / August 2023

## PRODUCTION

Code	Full Name	Polled	A2	Nasis ID	Pedigree	BPI	BPI Rel%	HWI	SI	ASI	Protein (Kg)	Protein %	Milk (L)	Fat (Kg)	Fat %	Rel %	Daughters	Herds	Milk Speed	Temp	Likeability	Overall Type	Mamm Syst	Rel%	Cell Count	Mast Res	Dtr Fert	Gest Length
AUSSIEGOLD	Broadlin Aussiegold P	P	A22	12JH05	Elton x Vanahlem	194	99	91	377	125	13	0.29%	-16	17	0.34%	99	1591	226	102	104	104	105	102	97	123	99	96	-1
CASPIAN	Bushlea RV Casual		A12	12JL09	Axis x Legion	253	89	169	520	64	11	-0.19%	586	17	-0.27%	94	109	27	102	103	105	101	100	71	154	107	96	3
POLLEDHERO	Broadlin Polled Hero P	P	A22	12JT33	Matt x Oliver P	177	73	173	436	62	13	-0.05%	449	5	-0.36%	79	0	0	101	104	105	102	104	67	129	98	101	0
TAHBILK	Beulah Tahbilk		A22	12JJ08	Vanahlem x Navara	213	99	65	492	214	24	0.43%	119	30	0.44%	99	1129	164	103	104	104	105	106	98	83	98	92	3
TYBALT	Cairnebrae Tyrone		A22	12JN17	Valentino x Tbone	280	91	204	637	153	23	-0.12%	827	33	-0.22%	95	130	30	104	105	107	114	115	73	82	98	97	-3
VALBONE	Cairnebrae Valbone		A22	05JJK03	Valentino x Tbone	101	97	31	274	73	11	0.01%	304	13	-0.07%	99	539	105	100	99	99	104	100	90	102	100	97	-1
VALENBLAST	White Star Valenblast		A22	12JN16	Valentino x Sandblast	314	92	210	692	212	25	0.35%	273	30	0.29%	96	161	40	103	104	106	100	103	78%	111	102	98	2

## TYPE

Code	Overall Type	Mamm Syst	Stature	Bone Quality	Angularity	Muzzle Width	Body Depth	Chest Width	Pin Width	Pin Set	Loin Strength	Foot Angle	Rear Leg Set	R Leg R View	Udder Texture	Udder Depth	Fore Attach	R Udder Height	R Udder Width	Centre Lig	Teat Place F	Teat Place R	Teat Length	Rel %	Survival	Heat Tolerance	Feed Saved
AUSSIEGOLD	105	102	101	92	106	108	112	110	105	106	110	96	103	101	102	97	103	103	101	98	100	94	106	97	106	97	-95
CASPIAN	101	100	98	96	98	108	102	105	109	105	107	96	98	95	98	109	106	96	101	95	102	110	94	71	113	99	-93
POLLEDHERO	102	104	99	99	102	102	99	102	102	106	103	103	99	101	101	100	103	102	100	102	104	101	100	67	109	101	8
TAHBILK	105	106	104	103	106	107	106	104	110	108	108	101	106	104	101	96	104	101	106	102	108	109	98	98	103	96	-69
TYBALT	114	115	102	102	108	102	106	108	104	104	110	101	100	101	106	98	110	109	113	108	106	103	95	73	110	97	-70
VALBONE	104	100	105	102	103	107	104	101	96	101	104	101	104	98	99	98	100	95	102	100	104	96	104	90	107	101	-69
VALENBLAST	100	103	102	99	104	97	105	106	106	104	109	103	95	101	99	95	100	100	106	99	104	105	94	78	108	97	-57

# AUSSIEGOLD P Broadlin Aussiegold P

Elton x Vanahlem



AUSSIEGOLD

- 99% reliable for production and type and can be used with confidence
- Adds power, strength, improves rumps and adds teat length
- Used with success for cross breeding



<b>BPI</b>	<b>194/99%</b>	<b>HWI</b>	<b>91/87%</b>	<b>SI</b>	<b>377/90%</b>	<b>ASI</b>	<b>125/99</b>
------------	----------------	------------	---------------	-----------	----------------	------------	---------------

Sire:	Cairnbrae Jacs Elton	HB:	622118	Kappa Casein:	BB
Dam:	Broadlin Constance 2565 P EX92	Nasis ID:	12JH05		
Source:	Broadlin Jerseys, Wonthaggi, VIC	Beta Casein:	A22		

ABV August 2023		1591 Dtrs 226 Herds 17% RIP		513 Dtrs 101 Herds 98% Rel	
Protein	<b>13</b>	Milking Speed	<b>102</b> /98%	Daughter Fertility	<b>96</b> /99%
Protein %	<b>0.29%</b>	Temperament	<b>104</b> /98%	Calving Ease	<b>n/a</b> /n/a
Milk [L]	<b>-16</b>	Likeability	<b>104</b> /98%	Gestation Length	<b>-1</b> /99%
Fat Kg	<b>17</b>	Cell Count	<b>123</b> /99%	Heat Tolerance	<b>97</b> /38%
Fat %	<b>0.34%</b>	Mastitis Resistance	<b>99</b> /99%	Feed Saved	<b>-95</b> /51%
Rel %	<b>99</b>	Survival	<b>106</b> /98%		

Conformation ABV August 2023							
Overall Type		Mammary		Dairy Strength		Rump	Feet & Legs
<b>105</b>		<b>102</b>		<b>n/a</b>		<b>n/a</b>	<b>n/a</b>
Stature	Bone Quality	Angularity	Muzzle Width	Body Depth	Chest Width	Pin Width	
<b>101</b>	<b>92</b>	<b>106</b>	<b>108</b>	<b>112</b>	<b>110</b>	<b>105</b>	
Pin Set	Loin Strength	Heel Depth	Rear Leg Set	Rear Leg Rear View	Udder Texture	Udder Depth	
<b>106</b>	<b>110</b>	<b>n/a</b>	<b>103</b>	<b>101</b>	<b>102</b>	<b>97</b>	
Fore Attach	Rear Udder Height	Rear Udder Width	Centre Lig	Teat PI Fore	Teat PI Rear	Teat Length	
<b>103</b>	<b>103</b>	<b>101</b>	<b>98</b>	<b>100</b>	<b>94</b>	<b>106</b>	



Daughter



Daughter

# TYBALT

## Cairnbrae Tyrone

Valentino x Tbone



<b>BPI</b>	<b>280/91%</b>	<b>HWI</b>	<b>204/77%</b>	<b>SI</b>	<b>637/81%</b>	<b>ASI</b>	<b>153/95%</b>
------------	----------------	------------	----------------	-----------	----------------	------------	----------------

Sire:	All Lynns Louie Valentino	HB:	724351	Kappa Casein:	
Dam:	Cairnbrae Tbone Estelle EX94	Nasis ID:	12JUN17		
Source:	Cairnbrae Jerseys, Colac Vic	Beta Casein:	A22		



ABV August 2023		130 Dtrs 30 Herds 16% RIP		78 Dtrs 20 Herds 90% Rel	
Protein	23	Milking Speed	104 /90%	Daughter Fertility	97 /91%
Protein %	-0.12%	Temperament	105 /90%	Calving Ease	n/a n/a
Milk [L]	827	Likeability	107 /90%	Gestation Length	-3 /94%
Fat Kg	33	Cell Count	82 /93%	Heat Tolerance	97 /38%
Fat %	-0.22%	Mastitis Resistance	98 /95%	Feed Saved	-70 /40%
Rel %	95	Survival	110 /83%		

Conformation ABV August 2023						21 Dtrs 7 Herds 73% Rel					
Overall Type	Mammary	Dairy Strength		Rump	Feet & Legs						
114	115	n/a		n/a	n/a						
Stature	Bone Quality	Angularity	Muzzle Width	Body Depth	Chest Width						
102	102	108	102	106	108						
Pin Width	Pin Set	Loin Strength	Heel Depth	Rear Leg Set	Rear Leg Rear View						
104	104	110	n/a	100	101						
Udder Texture	Udder Depth	Fore Attach	Rear Udder Height	Rear Udder Width	Centre Lig						
106	98	110	109	113	108						
Teat PI Fore	Teat PI Rear	Teat Length									
106	103	95									

- Daughter proven offering high milk volume
- Ideal for grazing systems, 108 Chest Width
- Top 1% in the breed for Overall Type and Mammary improvement

# VALBONE

## Cairnebrae Valbone

Valentino x Tbone



<b>BPI</b>	<b>101/97%</b>	<b>HWI</b>	<b>31/84%</b>	<b>SI</b>	<b>274/87%</b>	<b>ASI</b>	<b>73/99%</b>
------------	----------------	------------	---------------	-----------	----------------	------------	---------------

Sire:	All Lynns Louie Valentino	HB:	664024	Kappa Casein:	
Dam:	Cairnebrae Tbone Estelle EX94	Nasis ID:	05JJK03		
Source:	Cairnbrae Jerseys, Colac Vic	Beta Casein:	A22		



ABV August 2023		539 Dtrs 105 Herds 18% RIP		186 Dtrs 32 Herds 96% Rel	
Protein	11	Milking Speed	100 /96%	Daughter Fertility	97 /98%
Protein %	0.01%	Temperament	99 /96%	Calving Ease	n/a n/a
Milk [L]	304	Likeability	99 /96%	Gestation Length	-1 /99%
Fat Kg	13	Cell Count	102 /98%	Heat Tolerance	101 /38%
Fat %	-0.07%	Mastitis Resistance	100 /98%	Feed Saved	-69 /47%
Rel %	99	Survival	107 /95%		

Conformation ABV August 2023						71 Dtrs 20 Herds 90% Rel					
Overall Type	Mammary	Dairy Strength		Rump	Feet & Legs						
104	100	n/a		n/a	n/a						
Stature	Bone Quality	Angularity	Muzzle Width	Body Depth	Chest Width						
105	102	103	107	104	101						
Pin Width	Pin Set	Loin Strength	Heel Depth	Rear Leg Set	Rear Leg Rear View						
96	101	104	n/a	104	98						
Udder Texture	Udder Depth	Fore Attach	Rear Udder Height	Rear Udder Width	Centre Lig						
102	98	100	95	102	100						
Teat PI Fore	Teat PI Rear	Teat Length									
104	96	104									

- 99% reliable daughter proven sire
- Full brother to TYBALT, Dam is classified EX 94pts by Jersey Australia
- Improves body traits, 107 muzzle width makes daughters ideal for grazing systems

# VALENBLAST

## White Star Valenblast

Valentino x Sandblast



VALENBLAST

- Reliable daughter proven bull
- Adds dairy strength and ideal for cross breeding programs
- Will improve rumps



<b>BPI</b>	<b>314/92%</b>	<b>HWI</b>	<b>210/79%</b>	<b>SI</b>	<b>692/82%</b>	<b>ASI</b>	<b>212/96</b>
------------	----------------	------------	----------------	-----------	----------------	------------	---------------

Sire:	All Lynns Louie Valentino	HB:	724522	Kappa Casein:	BB
Dam:	White Star 5464 GP81	Nasis ID:	12JN16		
Source:	White Star Jerseys, Noorat, VIC	Beta Casein:	A22		



ABV August 2023		161 Dtrs 40 Herds 26% RIP		83 Dtrs 24 Herds 91% Rel	
Protein	25	Milking Speed	103 /91%	Daughter Fertility	98 /92%
Protein %	0.35%	Temperament	104 /91%	Calving Ease	n/a n/a
Milk [L]	273	Likeability	106 /91%	Gestation Length	2 /96%
Fat Kg	30	Cell Count	111 /94%	Heat Tolerance	97 /38%
Fat %	0.29%	Mastitis Resistance	102 /96%	Feed Saved	-57 /42%
Rel %	96	Survival	108 /83%		

Conformation ABV August 2023							37 Dtrs 8 Herds 78% Rel	
Overall Type	Mammary	Dairy Strength	Rump	Feet & Legs				
100	103	n/a	n/a	n/a				
Stature	Bone Quality	Angularity	Muzzle Width	Body Depth	Chest Width	Pin Width		
102	99	104	97	105	106	106		
Pin Set	Loin Strength	Heel Depth	Rear Leg Set	Rear Leg Rear View	Udder Texture	Udder Depth		
104	109	n/a	95	101	99	95		
Fore Attach	Rear Udder Height	Rear Udder Width	Centre Lig	Teat PI Fore	Teat PI Rear	Teat Length		
100	100	106	99	104	105	94		



Daughter



Daughter

# POLLEDHERO P Broadlin Polled Hero P

Matt x Oliver P



<b>BPI</b>	<b>177/73%</b>	<b>HWI</b>	<b>173/62%</b>	<b>SI</b>	<b>436/66%</b>	<b>ASI</b>	<b>62/79%</b>
------------	----------------	------------	----------------	-----------	----------------	------------	---------------

Sire:	Wilsonview IF Matt	HB:	787225	Kappa Casein:	BB
Dam:	Durtch Hollow Oliver P	Nasis ID:	12JJT33		
Source:	Broadlin Jerseys, Wonthaggi, VIC	Beta Casein:	A22		



ABV August 2023		0 Dtrs 0 Herds 0% RIP		0 Dtrs 0 Herds 71% Rel	
Protein	13	Milking Speed	101 /71%	Daughter Fertility	101 /63%
Protein %	0.05%	Temperament	104 /71%	Calving Ease	n/a n/a
Milk [L]	449	Likeability	105 /71%	Gestation Length	0 /93%
Fat Kg	5	Cell Count	129 /71%	Heat Tolerance	101 /38%
Fat %	-0.36%	Mastitis Resistance	98 /70%	Feed Saved	8 /35%
Rel %	79	Survival	109 /62%		

- From the same Jersey stud as AUSSIEGOLD, one of Australia's best Jersey herds
- Heterozygous polled
- Will improve rumps

Conformation ABV August 2023						0 Dtrs 0 Herds 67% Rel					
Overall Type	Mammary	Dairy Strength		Rump	Feet & Legs						
102	104	n/a		n/a	n/a						
Stature	Bone Quality	Angularity	Muzzle Width	Body Depth	Chest Width						
99	99	102	102	99	102						
Pin Width	Pin Set	Loin Strength	Heel Depth	Rear Leg Set	Rear Leg Rear View						
102	106	103	n/a	99	101						
Udder Texture	Udder Depth	Fore Attach	Rear Udder Height	Rear Udder Width	Centre Lig						
101	100	103	102	100	102						
Teat PI Fore	Teat PI Rear	Teat Length									
104	101	100									

# CASPIAN Bushlea RV Casual

Axis x Legion



<b>BPI</b>	<b>253/89%</b>	<b>HWI</b>	<b>169/89%</b>	<b>SI</b>	<b>520/75%</b>	<b>ASI</b>	<b>64/94%</b>
------------	----------------	------------	----------------	-----------	----------------	------------	---------------

Sire:	Sugar Grove Valentino Axis	HB:	702250	Kappa Casein:	
Dam:	BW Legion Cleo	Nasis ID:	12JL09		
Source:	Bushlea Farms, Koonwarra, Vic	Beta Casein:	A12		



ABV August 2023		109 Dtrs 27 Herds 30% RIP		38 Dtrs 14 Herds 81% Rel	
Protein	11	Milking Speed	102 /81%	Daughter Fertility	96 /89%
Protein %	-0.19%	Temperament	103 /81%	Calving Ease	n/a n/a
Milk [L]	586	Likeability	105 /81%	Gestation Length	3 /96%
Fat Kg	17	Cell Count	154 /91%	Heat Tolerance	99 /38%
Fat %	-0.27%	Mastitis Resistance	107 /93%	Feed Saved	-93 /39%
Rel %	94	Survival	113 /81%		

- Daughter proven offering high milk volume
- Longevity, mastitis resistance and low cell count a feature in his daughters
- Offers ideal body traits, improved rumps and wide muzzles



Conformation ABV August 2023						25 Dtrs 9 Herds 71% Rel					
Overall Type	Mammary	Dairy Strength		Rump	Feet & Legs						
101	100	n/a		n/a	n/a						
Stature	Bone Quality	Angularity	Muzzle Width	Body Depth	Chest Width						
108	96	98	108	102	105						
Pin Width	Pin Set	Loin Strength	Heel Depth	Rear Leg Set	Rear Leg Rear View						
109	105	107	n/a	98	95						
Udder Texture	Udder Depth	Fore Attach	Rear Udder Height	Rear Udder Width	Centre Lig						
98	109	106	96	101	95						
Teat PI Fore	Teat PI Rear	Teat Length									
102	110	94									

# TAHBILK

## Beulah Tahbilk

Vanahlem x Navara



TAHBILK

- Use with confidence, old favourite, now 99 reliable for production and 98% for type.
- Adds strength, power and improves type
- Ideal for cross breeding and grazing systems



<b>BPI</b>	<b>213/99%</b>	<b>HWI</b>	<b>65/87%</b>	<b>SI</b>	<b>492/89%</b>	<b>ASI</b>	<b>214/99</b>
------------	----------------	------------	---------------	-----------	----------------	------------	---------------

Sire:	Pannoo Abe Vanahlem	HB:	654869	Kappa Casein:	BB
Dam:	Beulah Navara M Poppins VG85	Nasis ID:	12JJJ08		
Source:	Beulah Jerseys, Wonthaggi, VIC	Beta Casein:	A22		

ABV August 2023		1129 Dtrs 164 Herds 18% RIP		462 Dtrs 80 Herds 98% Rel	
Protein	24	Milking Speed	103 /98%	Daughter Fertility	92 /99%
Protein %	0.43%	Temperament	104 /98%	Calving Ease	n/a n/a
Milk [L]	119	Likeability	104 /98%	Gestation Length	3 /99%
Fat Kg	30	Cell Count	83 /99%	Heat Tolerance	96 /38%
Fat %	0.44%	Mastitis Resistance	98 /99%	Feed Saved	-69 /51%
Rel %	99	Survival	103 /98%		

Conformation ABV August 2023						
Overall Type		Mammary		Dairy Strength		Rump
105		106		n/a		n/a
Stature	Bone Quality	Angularity	Muzzle Width	Body Depth	Chest Width	Pin Width
104	103	106	107	106	104	110
Pin Set	Loin Strength	Heel Depth	Rear Leg Set	Rear Leg Rear View	Udder Texture	Udder Depth
108	108	n/a	106	104	101	96
Fore Attach	Rear Udder Height	Rear Udder Width	Centre Lig	Teat PI Fore	Teat PI Rear	Teat Length
104	101	106	102	108	109	98



Daughter



Daughter

# PILBARA

## Carenda Pilbara

Perseus x Powerball



<b>BPI</b>	<b>424/82%</b>	<b>HWI</b>	<b>463/75%</b>	<b>SI</b>	<b>792/78%</b>	<b>ASI</b>	<b>166/94%</b>
------------	----------------	------------	----------------	-----------	----------------	------------	----------------

Sire:	Westcoast Perseus	HB:	2050612	Kappa Casein:	BB
Dam:	Carenda Powerball Vergara P GP82	Nasis ID:	12FFRAE		
Source:	Carenda Holsteins, Boyanup, WA	Beta Casein:	A22		



ABV August 2023		133 Dtrs 24 Herds 60% RIP		56 Dtrs 6 Herds 83% Rel	
Protein	25	Milking Speed	102 /83%	Daughter Fertility	114 /65%
Protein %	0.30%	Temperament	103 /83%	Calving Ease	104 /96%
Milk [L]	356	Likeability	106 /83%	Gestation Length	-2 /97%
Fat Kg	11	Cell Count	158 /89%	Heat Tolerance	96 /38%
Fat %	-0.05%	Mastitis Resistance	104 /95%	Feed Saved	-56 /52%
Rel %	94	Survival	108 /68%		

Conformation ABV August 2023						26 Dtrs 4 Herds 75% Rel					
Overall Type	Mammary	Dairy Strength	Rump	Feet & Legs							
105	107	103	97	99							
Stature	Bone Quality	Angularity	Muzzle Width	Body Depth	Chest Width						
99	103	99	98	104	103						
Pin Width	Pin Set	Loin Strength	Heel Depth	Rear Leg Set	Rear Leg Rear View						
99	92	100	98	98	103						
Udder Texture	Udder Depth	Fore Attach	Rear Udder Height	Rear Udder Width	Centre Lig						
104	103	101	109	104	105						
Teat PI Fore	Teat PI Rear	Teat Length									
100	105	96									

- A popular bull beginning to add milking daughters to his ABV
- Adds dairy strength and improves mammary systems
- Ideal for maiden heifers

# AMALFI

## Carenda Amalfi

Fedora x Main Event



<b>BPI</b>	<b>420/70%</b>	<b>HWI</b>	<b>464/66%</b>	<b>SI</b>	<b>560/57%</b>	<b>ASI</b>	<b>111/79%</b>
------------	----------------	------------	----------------	-----------	----------------	------------	----------------

Sire:	Csany-Valley Fedora	HB:	2069506	Kappa Casein:	AB
Dam:	Carenda Mainevent Veepee VG87	Nasis ID:	12FFSAL		
Source:	Carenda Holsteins, Boyanup, WA	Beta Casein:	A22		

ABV August 2023		4 Dtrs 2 Herds 100% RIP		0 Dtrs 0 Herds 70% Rel	
Protein	6	Milking Speed	102 /70%	Daughter Fertility	116 /66%
Protein %	0.14%	Temperament	101 /70%	Calving Ease	99 /98%
Milk [L]	-48	Likeability	104 /70%	Gestation Length	-2 /99%
Fat Kg	32	Cell Count	191 /69%	Heat Tolerance	100 /38%
Fat %	0.50%	Mastitis Resistance	109 /75%	Feed Saved	-159 /47%
Rel %	79	Survival	109 /64%		

Conformation ABV August 2023						5 Dtrs 1 Herds 69% Rel					
Overall Type	Mammary	Dairy Strength	Rump	Feet & Legs							
107	106	103	103	99							
Stature	Bone Quality	Angularity	Muzzle Width	Body Depth	Chest Width						
102	95	101	106	102	104						
Pin Width	Pin Set	Loin Strength	Heel Depth	Rear Leg Set	Rear Leg Rear View						
104	96	105	99	98	103						
Udder Texture	Udder Depth	Fore Attach	Rear Udder Height	Rear Udder Width	Centre Lig						
102	103	103	107	101	106						
Teat PI Fore	Teat PI Rear	Teat Length									
104	102	94									

- Offers a well balanced ABV across the board
- Improves health traits
- Adds dairy strength and improves mammary systems

# SUPERPOWER

## Emu Banks Superpower

Powerball x Supersire



SUPERPOWER

- Popular daughter proven sire
- Improves health traits
- Ideal for grazing systems



<b>BPI</b>	<b>380/83%</b>	<b>HWI</b>	<b>366/77%</b>	<b>SI</b>	<b>757/78%</b>	<b>ASI</b>	<b>216/99</b>
------------	----------------	------------	----------------	-----------	----------------	------------	---------------

Sire:	View-Home Powerball P	HB:	1983560	Kappa Casein:	AB
Dam:	Emu Banks Supersire 7784 GP83	Nasis ID:	12FFPAA		
Source:	Emu Banks Holsteins, Terang, VIC	Beta Casein:	A22		

ABV August 2023		73 Dtrs 23 Herds 21% RIP		43 Dtrs 13 Herds 83% Rel	
Protein	<b>28</b>	Milking Speed	<b>100</b> /83%	Daughter Fertility	<b>109</b> /84%
Protein %	<b>0.47%</b>	Temperament	<b>102</b> /83%	Calving Ease	<b>102</b> /93%
Milk [L]	<b>119</b>	Likeability	<b>104</b> /83%	Gestation Length	<b>-4</b> /96%
Fat Kg	<b>16</b>	Cell Count	<b>144</b> /86%	Heat Tolerance	<b>99</b> /38%
Fat %	<b>0.16%</b>	Mastitis Resistance	<b>103</b> /91%	Feed Saved	<b>-40</b> /53%
Rel %	<b>91</b>	Survival	<b>106</b> /75%		

Conformation ABV August 2023						
Overall Type		Mammary		Dairy Strength		Rump
<b>105</b>		<b>101</b>		<b>102</b>		<b>104</b>
Feet & Legs						
<b>96</b>						
Stature	Bone Quality	Angularity	Muzzle Width	Body Depth	Chest Width	Pin Width
<b>101</b>	<b>101</b>	<b>98</b>	<b>105</b>	<b>101</b>	<b>101</b>	<b>101</b>
Pin Set	Loin Strength	Heel Depth	Rear Leg Set	Rear Leg Rear View	Udder Texture	Udder Depth
<b>101</b>	<b>103</b>	<b>95</b>	<b>103</b>	<b>101</b>	<b>101</b>	<b>99</b>
Fore Attach	Rear Udder Height	Rear Udder Width	Centre Lig	Teat PI Fore	Teat PI Rear	Teat Length
<b>101</b>	<b>102</b>	<b>102</b>	<b>97</b>	<b>101</b>	<b>94</b>	<b>99</b>



Daughter



Daughter

Pemberton x Superhero



VARLEY

- Our most popular young bull in 2022
- Top 1% for BPI, SI & ASI
- Use for improvements across the board

<b>BPI</b>	<b>510/69%</b>	<b>HWI</b>	<b>461/64%</b>	<b>SI</b>	<b>949/66%</b>	<b>ASI</b>	<b>252/79</b>
------------	----------------	------------	----------------	-----------	----------------	------------	---------------

Sire:	Carenda Pemberton	HB:	2121933	Kappa Casein:	BB
Dam:	Carenda Superhero Verlo VG88	Nasis ID:	12FFTL2		
Source:	Carenda Holsteins, Boyanup, WA	Beta Casein:	A22		



ABV August 2023						0 Dtrs 0 Herds 0% RIP	Dtrs Herds 71% Rel
Protein	32	Milking Speed	102 /71%	Daughter Fertility	107 /65%		
Protein %	0.51%	Temperament	106 /71%	Calving Ease	102 /98%		
Milk [L]	203	Likeability	107 /71%	Gestation Length	1 /99%		
Fat Kg	24	Cell Count	181 /70%	Heat Tolerance	91 /38%		
Fat %	0.22%	Mastitis Resistance	106 /72%	Feed Saved	-91 /45%		
Rel %	79	Survival	108 /60%				

Conformation ABV August 2023							0 Dtrs 0 Herds 67% Rel
Overall Type	Mammary	Dairy Strength	Rump	Feet & Legs			
109	110	105	103	98			
Stature	Bone Quality	Angularity	Muzzle Width	Body Depth	Chest Width	Pin Width	
107	99	104	100	103	103	109	
Pin Set	Loin Strength	Heel Depth	Rear Leg Set	Rear Leg Rear View	Udder Texture	Udder Depth	
97	103	94	98	100	101	103	
Fore Attach	Rear Udder Height	Rear Udder Width	Centre Lig	Teat PI Fore	Teat PI Rear	Teat Length	
105	106	106	108	105	104	102	



Dam, Carenda Superhero Verlo VG88



Dam

# DAIRY / BEEF SIRES

Dairy producers worldwide are seizing the opportunity to add to farm profits and add better quality beef beef bulls from a variety of breeds. Genetics Australia has assembled a team of high ranking bulls that offer a range of important traits, important to dairy producers from a wide range of beef breeds. The bulls available are being added to on a frequent basis. Please ask for what other bulls and breeds are available.

## DROUGHTMASTER



Billabong Denilquin P

## SPECKLE PARK



The Points Storm P

## ANGUS



Top Bos Leading Edge L292

## ANGUS



Alpine Main Event Q192

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.

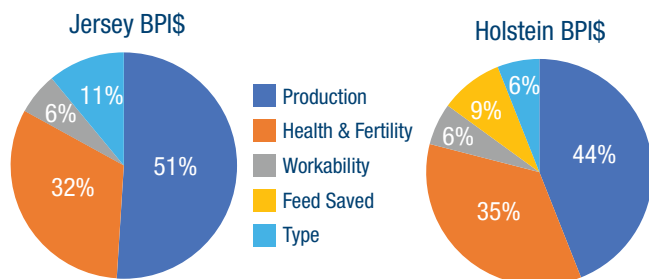
The BPI, is expressed in dollar units with the breed average set at 0 while the HWI and SI is measured in units with the breed average set at 0. ABVs cannot be compared between breeds, only within breed and are relative measures, they make more sense when compared to each other to an average. The average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

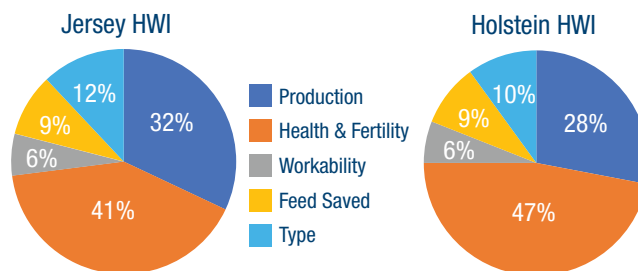
- For type, health and management traits the average is set at 100.
- A BPIg represents a genomic breeding value and a reliability figure is shown for all traits.

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

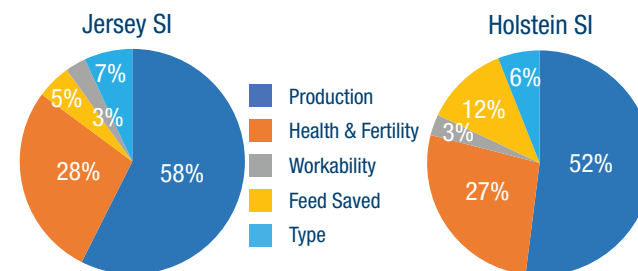
## A BALANCED PERFORMANCE INDEX [BPI]



## 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:  $(6.92 \times \text{Protein kg ABV}) + (1.79 \times \text{Fat kg ABV}) - (0.01 \times \text{Milk ABV})$ .

## 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.

# UNDERSTANDING THE ABVS

## VALENBLAST

White Star Valenblast *Valentino x Sandblast*



VALENBLAST

<b>A</b> BPI	314/92%	<b>B</b> HWI	210/79%	<b>C</b> SI	692/82%	<b>E</b> ASI	212/0.96%
--------------	---------	--------------	---------	-------------	---------	--------------	-----------

<b>D</b> ABV August 2023	161 Dtrs 40 Herds 26 RIP	<b>F</b>			
Protein	25	Milking Speed	103 /91%	Daughter Fertility	<b>I</b> 98 /92%
Protein %	0.35%	Temperament	104 /91%	Calving Ease	<b>K</b> n/a n/a
Milk [L]	273	Likeability	106 /91%	Gestation Length	<b>J</b> 2 /96%
Fat Kg	30	Cell Count	<b>G</b> 111 /94%	Heat Tolerance	<b>M</b> 97 /38%
Fat %	0.29%	Mastitis Resistance	<b>H</b> 102 /96%	Feed Saved	<b>N</b> -57 /42%
Rel %	96	Survival	<b>L</b> 108 /83%		

- Reliable daughter proven bull
- Adds dairy strength and ideal for cross breeding programs



Sire:	All Lynns Louie Valentino	HB:	724522	Kappa Casein:	BB
Dam:	White Star 5464 GP81	Nasis ID:	12JUN16		
Source:	White Star Jerseys, Noorat, VIC	Beta Casein:	A22		



<b>Conformation ABV August 2023</b>							37 Dtrs 8 Herds 78% Rel	<b>O</b>
Overall Type	Mammary	Dairy Strength	Rump	Feet & Legs				
100	103	n/a	n/a	n/a				
Stature	Bone Quality	Angularity	Muzzle Width	Body Depth	Chest Width	Pin Width		
102	99	104	97	105	106	106		
Pin Set	Loin Strength	Heel Depth	Rear Leg Set	Rear Leg Rear View	Udder Texture	Udder Depth		
104	109	n/a	95	101	99	95		
Fore Attach	Rear Udder Height	Rear Udder Width	Centre Lig	Teat Pl Fore	Teat Pl Rear	Teat Length		
100	100	106	99	104	105	94		

### 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.

### 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.

### CALVING EASE

The Calving Ease ABV is based on pedigree data, genomic data calving ease scores and calf size supplied in reports from farmers. Easier calving sires have figures greater than 100.

### 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.

### HEAT TOLERANCE

The Heat Tolerance ABV describes an animal's 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.

### 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 bull's 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 bull's daughters will eat 50 kgs more feed than daughter of the average bull.

### TYPE

Type ABVs describe the conformation of a bull's daughters. DataGene publishes Type ABVs for twenty-two linear traits including Overall Type and Mammary System. For Type ABVs, the average is 100 and one standard deviation is set to 5. To improve type, use bulls with ABVs more than 100. For some Type ABVs, consider the ideal for that trait, as some less than 100 could be used to advantage, and the direction for breeding.

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



**Ishmael Chiwayu**

**M:** +263 772 353 979

**E:** [ichiwayu@yfgenerics.com](mailto:ichiwayu@yfgenerics.com)

**Innocent Rugoho**

**WhatsApp:** +61 403 468 614

**E:** [irugoho@yfgenerics.com](mailto:irugoho@yfgenerics.com)

**Ishmael Rupanga**

**M:** +263 775 808 745

**WhatsApp:** +61 429 222 720

**E:** [irupanga@yfgenerics.com](mailto:irupanga@yfgenerics.com)

