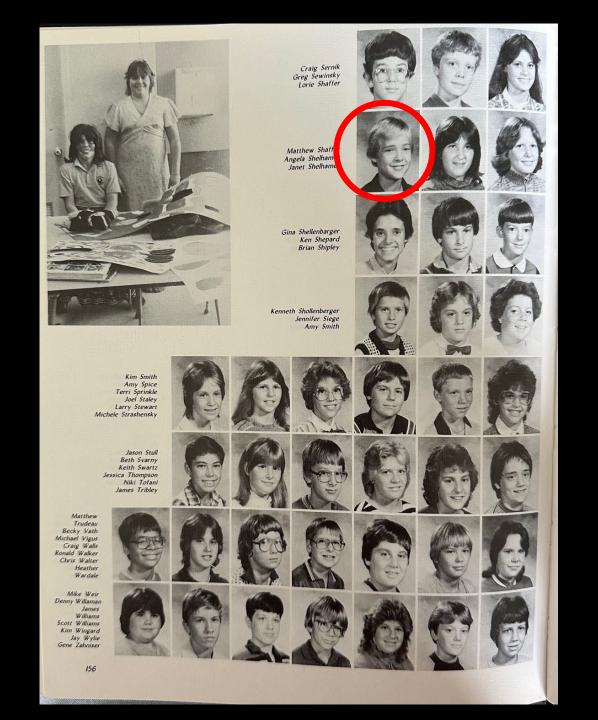


40 years of ABVs, 10 years of Ginfo and where are we going from here?

Matt Shaffer CEO, DataGene

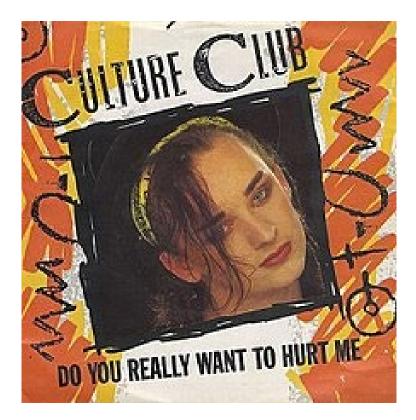






JUNIOR HIGH LIBRARY CLUB Mrs. Peterson, Advisor

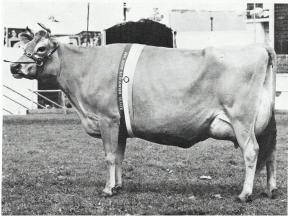
158



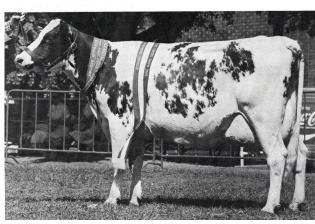




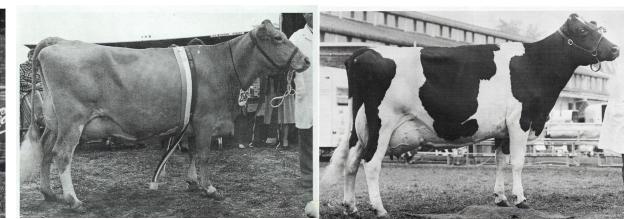




Champion Melbourne 1983 Verdon Vins Sandra-R & J Perret



Champion Melbourne and Sydney 1983 **Paschendaele Petrina**-E.E. & J.E. Eagles



Champion Melbourne 1983 Devon Park Moonbeam-W.L.P. Bond

Champion Melbourne 1983 Wranhi Forbes Criss EX-W.S. Adams & Sons



Champion IDW 2023 Kings Vale Joel Madge-R, H & M Perrett

Champion IDW 2023 Paschendaele Klassy Tri Time-Munden Farms & Eagles

Champion IDW 2023 Kerrilyn Pistoll-Peach-N & S Wilkie

Champion IDW 2023 Avonlea Stanleycup Evie-J & M Deenen and D & A Mathews

AUSTRALIAN DAIRY HERD IMPROVEMENT SCHEME

JANUARY 1963 PAGE 1

.

AUSTRALIAN BREEDING VALUES (ABV) FOR DAIRY SIRES

BREED : FRIESIAN ORDER : BULLS WITH TOP FAT ABV FIRST

2

A REBU 11FFS31 WANGARUKA REBU A THIDVIO 17FFVIO THID WINDERMERE VI A 308691 70FFLOS ROYBROOK STARLITE A 15FFV02 15FFV02 BARRON VALE STARL) A THIDV02 17FFV02 THID WINDERMERE VC A LUMAK 23FFT01 LELBURNE ROYAL LDU A 280596 70FFD01 EDGEWARE WAYNE ACH A NLKC 13FFP10 NEW LINE KRISS COM A 5211 35FF002 WINDERMERE PERFECT A THIOVO3 17FFV03 THIO WINDERMERE VC A MICH 11FF222 MITTABONG CHALLENG A 6200 35FFH01 GREYLANDS M.M.SEG A MICH 11FFS22 MITTABONG CHALLENG A 6200 35FFH01 GREYLANDS M.M.SEG A 46392 35FFP08 PITCAIRNS LIN TRO. A 46392 35FFP08 PITCAIRNS LIN TRO. A THIOVOS 17FFV08 THIO WINDERMERE VC A 4209 35FFF01 GAYTON INGA VIC 3 9070009494 GLENJOY DARKIE DRI A FB1021 45FFH09 LINMACK KRISS KINK A ENCH 11FFT02 ENTERPRISE LINMACU A MISS 11FFU23 RISSMORE BONNIE C A DEAN 13FFV34 MURRIBROOK MARQUIS A 13FFU01 13FFU01 DELORAINE NORTHERM A CRIC 11FFP03 PITCAIRNS LIN FRM A CRIC 11FFP03 PITCAIRNS LIN FRM A 70278 35FFM06 LESDALE CLL ULYSE A 13FFU01 13FFU01 DELORAINE NORTHERM A CRIC 11FFP03 PITCAIRNS LIN FERM A CRIC 11FFP03 PITCAIRNS LIN FERM A ALDA 35FFL06 LESDALE CLL ULYSE A 13FFU01 13FFU01 DELORAINE NORTHERM A PREMIER 13FFU21 ROMANAC NED PREMII A ALDA 35FFL06 LESDALE LINMACK AND A PREMIER 13FFU21 ROMANAC NED PREMII A JAND 11FFN09 JAYLEA GALENA AND A IDEAL 35FFJ09 PITCAIRNS LIN FERM A JAND 11FFN09 JAYLEA GALENA AND A IDEAL 35FFJ09 PITCAIRNS P.T. ID A WMTC 11FFN01 WINGINANNI M T CO A DALS 45FFJ09 DALESEND CASCADE A HBAR 11FFV11 HEYBRIDGE BLACK A	Aus	AUST E	BREEDING VALUE		RELIABILITY	AUST BREED VALUE		RELIABILIT
A LUMAK23FFT01LELBURNE ROYAL LOUA 28059670FFD01EDGEWARE WAYNE ACDA NLKC13FFP10NEW LINE KRISS COMA 521135FFD02WINDERMERE PERFECTA THIOV0317FFV03THIO WINDERMERE PERFECTA MICH11FFT23R'DALE VICTORA MICH11FFS22MITTABONG CHALLENGA 620035FFH01GREYLANDS M.M.SEGA MXM11FFS09MONTANA DOWNS C XA 4639235FFP08PITCAIRNS LIN TRO.A THIOV0817FFV08THIO WINDERMERE VGA 420935FFP01GAYTON INGA VICG 420935FFP03CLENJOY DARKIE DRIA FB102145FFH09LINMACK KRISS KINGA FB102145FFH09LINMACK KRISS KINGA ENCH11FFT02RISSMORE BONNIE CA A ENCH11FFU23RISSMORE BONNIE CA DEAN13FFU31MURRIBROK MARQUISA LUYS35FFM04LESDALE CLUYSESA TISFU0113FFU01DELORAINE NORTHERMA TISFU0113FFU01DELORAINE NORTHERMA 7027835FFM04WELBURN P.G. BUTTA ALDA35FFL06LESDALE LINMACK ANDA ALDA35FFL06LESDALE LINMACK ANDA IDEAL35FFJ07PITCAIRNS LIN FERMA JAND11FFN01WINGINANNI M T COIA DALS45FFP05DALESEND CASCADEA CHAR23FFL01CHARMSWOOD SOVEREA HDAR11FFV11HEYBRIDGE BLACK AND		MILK	FAT	FAT %	×	PROTEIN	PROT %	x
LUMAK 23FFT01 LELBURNE ROYAL LOU 280596 70FFD01 EDGEWARE WAYNE ACD NLKC 13FFP10 NEW LINE KRISS COM 5211 35FFD02 WINDERMERE PERFECT THIOVO3 17FFV03 THIO WINDERMERE VO ARDV 11FFT23 R'DALE VICTOR MICH 11FFS22 MITTABOND CHALLEND 6200 35FFH01 GREYLANDS M.M.SEG 46392 35FFP08 PITCAIRNS LIN TRO. 46392 35FFP08 PITCAIRNS LIN TRO. 7 THIOVOS 17FFV08 THIO WINDERMERE VO 64209 35FFP01 GAYTON INGA VIC 9070009494 FB1021 45FFH09 LINMACK KRISS KINK 6 ENCH 11FFT02 ENTERPRISE LINMACD 6 ENCH 11FFT02 RISSMORE BONNIE C 9 ENCH 11FFT02 RISSMORE BONNIE C 9 ULYS 35FFM04 WERDBACK MARQUIS 9 ULYS 35FFM04 WERDBACK MARQUIS 9 TITCAIRNS LIN FERM 9 FERGY 23FFP03 PITCAIRNS LIN FERM 9 FERGY 23FFP03 PITCAIRNS LIN FERM 9 ALDA 35FFL06 LESDALE CLUYSE 9 ALDA 35FFL06 LESDALE CLUYSE 9 ALDA 35FFL06 LESDALE LINMACK AND 9 FERGY 23FFP03 PITCAIRNS LIN FERM 9 ALDA 35FFL06 LESDALE LINMACK AND 9 ALDA 35FFL06 CHARMSWOOD SDVERE 9 ALDA 11FFN01 WINGINANNI M T COUL 9 ALS 45FFP05 DALESEND CASCADE 9 ALDA 11FFV11 HEYBRIDGE BLACK AND								,
ALUMAK 2 23FF T01 2 20059623FF T01 2 DGEWARE DALKCLELBURNE ROYAL LOU 2 DGEWARE MAYNE ACD 3 DALKCANLKC 1 35FF D02 A THIOV0317FF V03 17FF V03 THIO WINDERMERE THIO WINDERMERE MIDERMERE A DALK11FF T23 TF P00 A MICH A 11FF S02 A MICH A 11FF S02 A MICH A 11FF S02 A MICH A 11FF S03 A 46392R'DALE VICTOR MITTABOND CHALLEND A GREYLANDS M.M.SEG A 46392 35FF P08 PITCAIRNS LIN TRO.ATHIOV03 TFFV08 A 4209 A 200700094944 A ENCH17FF V08 SFF P08 DITCAIRNS LIN TRO.ATHIOV08 TFFV08 THIO WINDERMERE V07 GAYTON INGA VIC GLENJOY DARKIE DRI GLENJOY DARKIE DRI A ENCH11FF 102 SFF P08 DITCAIRNS LIN TRO.ARISS TIFFV03 THIFT0211FF 102 HINACK KRISS KINK A ENCH11FF 102 THIO WINDERMERE V07 GLENJOY DARKIE DRI A ENCHARISS TIFFV03 TIFFV04 A ENCH11FF 102 THIO WINDERMERE DRI A ENCH11FF 102 THIO WINDERMERE DRI A ENCHARISS TIFFV03 TIFFV04 A TIFFV04 A TIFFV04 A TIFFV04 A TIFFV04 A TIFFV04 A ALDA A 35FFL06 A ALDA A ADDA A TIFFV04 A ALDA A JAND23FFP03 TIFFV04 TIFFV04 TIFFV04 A ALDA A JAND A IDEAL A SFFF05 A ALESEND CASCADE A ADALS A SFFF05 DALESEND CASCADE A ADALS A SFFF06 A ALESEND CASCADE A ADALS A SFFF071 A ADAL		1225	39.1	-0.28	75			
LUMAK23FFT01LELBURNE ROYAL LOU28059670FFD01EDGEWARE WAYNE ACD9 NLKC13FF100NEW LINE KRISS COM9 S21135FFD02WINDERMERE PERFECT9 TH10V0317FFV03TH10 WINDERMERE PERFECT9 MICH11FFT23R'DALE VICTOR9 MICH11FFS22MITTABONG CHALLEND9 A629035FFH01GREYLANDS M.M.SEG9 A639235FFP08PITCAIRNS LIN TRO.9 A639235FFP08PITCAIRNS LIN TRO.9 A100917FFV08TH10 WINDERMERE VO9 A20935FFP01GAYTON INGA VIC9 G2070009494GLENJOY DARKIE DRI9 FE102145FFH09LINMACK KRISS KINC9 RISS11FFU23RISSMORE BONNIE C9 AENCH11FF02RISSMORE BONNIE C9 AENCH11FF01DELORAINE NORTHER9 ALDA35FFM04WELBURN P.G. BUTI9 ALDA35FFL06LESDALE CLU VYSE9 ALDA35FFL06LESDALE LINMACK AND9 ALDA35FFL	10 (#106)	107	38.9	0.73	38	4.9	0.00	88
LUMAK23FFT01LELBURNE ROYAL LOU28059670FFD01EDGEWARE WAYNE ACD9 NLKC13FF100NEW LINE KRISS COM9 S21135FFD02WINDERMERE PERFECT9 TH10V0317FFV03TH10 WINDERMERE PERFECT9 MICH11FFT23R'DALE VICTOR9 MICH11FFS22MITTABONG CHALLEND9 A629035FFH01GREYLANDS M.M.SEG9 A639235FFP08PITCAIRNS LIN TRO.9 A639235FFP08PITCAIRNS LIN TRO.9 A100917FFV08TH10 WINDERMERE VO9 A20935FFP01GAYTON INGA VIC9 G2070009494GLENJOY DARKIE DRI9 FE102145FFH09LINMACK KRISS KINC9 RISS11FFU23RISSMORE BONNIE C9 AENCH11FF02RISSMORE BONNIE C9 AENCH11FF01DELORAINE NORTHER9 ALDA35FFM04WELBURN P.G. BUTI9 ALDA35FFL06LESDALE CLU VYSE9 ALDA35FFL06LESDALE LINMACK AND9 ALDA35FFL		921	32.3	-0.06	78			
ALUMAK 2 23FF T01 2 20059623FF T01 2 DGEWARE DALKCLELBURNE ROYAL LOU 2 DGEWARE MAYNE ACD 3 DALKCANLKC 1 35FF D02 A THIOV0317FF V03 17FF V03 THIO WINDERMERE THIO WINDERMERE MIDERMERE A DALK11FF T23 TF P00 A MICH A 11FF S02 A MICH A 11FF S02 A MICH A 11FF S02 A MICH A 11FF S03 A 46392R'DALE VICTOR MITTABOND CHALLEND A GREYLANDS M.M.SEG A 46392 35FF P08 PITCAIRNS LIN TRO.ATHIOV03 TFFV08 A 4209 A 200700094944 A ENCH17FF V08 SFF P08 DITCAIRNS LIN TRO.ATHIOV08 TFFV08 THIO WINDERMERE V07 GAYTON INGA VIC GLENJOY DARKIE DRI GLENJOY DARKIE DRI A ENCH11FF 102 SFF P08 DITCAIRNS LIN TRO.ARISS TIFFV03 THIFT0211FF 102 HINACK KRISS KINK A ENCH11FF 102 THIO WINDERMERE V07 GLENJOY DARKIE DRI A ENCHARISS TIFFV03 TIFFV04 A ENCH11FF 102 THIO WINDERMERE DRI A ENCH11FF 102 THIO WINDERMERE DRI A ENCHARISS TIFFV03 TIFFV04 A TIFFV04 A TIFFV04 A TIFFV04 A TIFFV04 A TIFFV04 A ALDA A 35FFL06 A ALDA A ADDA A TIFFV04 A ALDA A JAND23FFP03 TIFFV04 TIFFV04 TIFFV04 A ALDA A JAND A IDEAL A SFFF05 A ALESEND CASCADE A ADALS A SFFF05 DALESEND CASCADE A ADALS A SFFF06 A ALESEND CASCADE A ADALS A SFFF071 A ADAL	ITE	940	30.9	-0.16	74			
LUMAK 23FFT01 LELBURNE ROYAL LOU 280596 70FFD01 EDGEWARE WAYNE ACD NLKC 13FFP10 NEW LINE KRISS COM 5211 35FFD02 WINDERMERE PERFECT THIOVO3 17FFV03 THIO WINDERMERE VO ARDV 11FFT23 R'DALE VICTOR MICH 11FFS22 MITTABOND CHALLEND 6200 35FFH01 GREYLANDS M.M.SEG 46392 35FFP08 PITCAIRNS LIN TRO. 46392 35FFP08 PITCAIRNS LIN TRO. 7 THIOVOS 17FFV08 THIO WINDERMERE VO 64209 35FFP01 GAYTON INGA VIC 9070009494 FB1021 45FFH09 LINMACK KRISS KINK 6 ENCH 11FFT02 ENTERPRISE LINMACD 6 ENCH 11FFT02 RISSMORE BONNIE C 9 ENCH 11FFT02 RISSMORE BONNIE C 9 ULYS 35FFM04 WERDBACK MARQUIS 9 ULYS 35FFM04 WERDBACK MARQUIS 9 TITCAIRNS LIN FERM 9 FERGY 23FFP03 PITCAIRNS LIN FERM 9 FERGY 23FFP03 PITCAIRNS LIN FERM 9 ALDA 35FFL06 LESDALE CLUYSE 9 ALDA 35FFL06 LESDALE CLUYSE 9 ALDA 35FFL06 LESDALE LINMACK AND 9 FERGY 23FFP03 PITCAIRNS LIN FERM 9 ALDA 35FFL06 LESDALE LINMACK AND 9 ALDA 35FFL06 CHARMSWOOD SDVERE 9 ALDA 11FFN01 WINGINANNI M T COUL 9 ALS 45FFP05 DALESEND CASCADE 9 ALDA 11FFV11 HEYBRIDGE BLACK AND	02 (W97)	275	29.6	0.35	37	17.2	0.10	87
ABDV 11FFT23 R'DALE VICTOR MICH 11FFS22 MITTABOND CHALLEND 6200 35FFH01 GREVLANDS M.M.SEGI 64392 35FFP08 PITCAIRNS LIN TRO. A THIOVOS 17FFV08 THIO WINDERMERE VO A THIOVOS 17FFV08 THIO WINDERMERE VO A 2009 35FFF01 GAYTON INGA VIC S 9070009494 GLENJOY DARKIE DRI A FB1021 45FFH09 LINMACK KRISS KING A FB1021 45FFH09 LINMACK KRISS KING A ENCH 11FFU23 RISSMORE BONNIE CI A DEAN 13FFV34 MURRIBROOK MARQUI3 A ULYS 35FFM08 LESDALE CLL ULYSES A IJFFU01 13FFU01 DELORAINE NORTHER A CRIC 11FFP01, CLINELL RAELENE MU A FERGY 23FFP03 PITCAIRNS LIN FERI A CADA 35FFL04 LESDALE LINMACK AND A PREMIER 13FFU21 ROMANAC NED PREMII A ADD 11FFN09 JAVLEA GALENA AND A JAND 11FFN09 JAVLEA GALENA AND A IDEAL 35FF05 DALESEND CASCADE	MACK	181	29.2	0.46	93	9.4	0.15	80
ABDV 11FFT23 R'DALE VICTOR MICH 11FFS22 MITTABOND CHALLEND 6200 35FFH01 GREVLANDS M.M.SEGI 64392 35FFP08 PITCAIRNS LIN TRO. A THIOVOS 17FFV08 THIO WINDERMERE VO A THIOVOS 17FFV08 THIO WINDERMERE VO A 2009 35FFF01 GAYTON INGA VIC S 9070009494 GLENJOY DARKIE DRI A FB1021 45FFH09 LINMACK KRISS KING A FB1021 45FFH09 LINMACK KRISS KING A ENCH 11FFU23 RISSMORE BONNIE CI A DEAN 13FFV34 MURRIBROOK MARQUI3 A ULYS 35FFM08 LESDALE CLL ULYSES A IJFFU01 13FFU01 DELORAINE NORTHER A CRIC 11FFP01, CLINELL RAELENE MU A FERGY 23FFP03 PITCAIRNS LIN FERI A CADA 35FFL04 LESDALE LINMACK AND A PREMIER 13FFU21 ROMANAC NED PREMII A ADD 11FFN09 JAVLEA GALENA AND A JAND 11FFN09 JAVLEA GALENA AND A IDEAL 35FF05 DALESEND CASCADE	HILLES	797	28.1	-0.07	67			
A RDV 11FFT23 R'DALE VICTOR A MICH 11FFS22 MITTABOND CHALLEND A 6200 35FFH01 GREVLANDS M.M.SEGI A 6200 35FFH01 GREVLANDS M.M.SEGI A MXM 11FFS09 MONTANA DOWNS C X A 46392 35FFP08 PITCAIRNS LIN TRO. A THIDVOS 17FFV08 THID WINDERMERE VG A 46392 35FFP08 PITCAIRNS LIN TRO. A THIDVOS 17FFV08 THID WINDERMERE VG A 4209 35FFP08 GAYTON INGA VIC S 9070009494 GLENJDY DARKIE DRI A FB1021 45FFH09 LINMACK KRISS KING A FB1021 45FFH09 LINMACK KRISS KING A ENCH 11FFU23 RISSMORE BONNIE C A DEAN 13FFU3 MURRIBROK MARQUIS A ULYS 35FFM08 LESDALE CLL ULYSES A 13FFU01 13FFU01 DELORAINE NORTHER A CRIC 11FFP01, CLINELL RAELENE MG A CADA 35FF04 WELBURN P.G. BUTTI A ADA 35FF106 LESDALE LINMACK AND A PREMIER 13FFU21 ROMANAC NED PREMIIA	MODORE	326	27.7	0.32	64			
A RDV 11FFT23 R'DALE VICTOR A MICH 11FFS22 MITTABONG CHALLEND A 6200 35FFH01 GREVLANDS M.M.SEGI A 6200 35FFH01 GREVLANDS M.M.SEGI A 46392 35FFP08 PITCAIRNS LIN TRO. A THIOVOS 17FFV08 THIO WINDERMERE VO A 46392 35FFP08 PITCAIRNS LIN TRO. A THIOVOS 17FFV08 THIO WINDERMERE VO A 4209 35FFP01 GAYTON INGA VIC S 9070009494 GLENJOY DARKIE DRI A FB1021 45FFH09 LINMACK KRISS KING A FB1021 45FFH09 LINMACK KRISS KING A ENCH 11FFU23 RISSMORE BONNIE CI A DEAN 13FFU34 MURRIBROOK MARQUI3 A ULYS 35FFM08 LESDALE CLL ULYSES A 13FFU01 13FFU01 DELORAINE NORTHER A THIFFU01 13FFU01 DELORAINE NORTHER A 70278 35FFM04 WELBURN P.G. BUTTI A ADD 11FFN07 JAVLEA GALENA ANDI A ADA 11FFN07 JAVLEA GALENA ANDI A DAND 11FFN07 JAVLEA GALENA ANDI </td <td>T MOX</td> <td>316</td> <td>26.6</td> <td>0.28</td> <td>93</td> <td>12.3</td> <td>0.11</td> <td>38</td>	T MOX	316	26.6	0.28	93	12.3	0.11	38
A RDV 11FFT23 R'DALE VICTOR A MICH 11FFS22 MITTABONG CHALLEND A 6200 35FFH01 GREVLANDS M.M.SEGI A MXM 11FFS09 MONTANA DOWNS C X A 46392 35FFP08 PITCAIRNS LIN TRO. A 46392 35FFP08 PITCAIRNS LIN TRO. A 46392 35FFP08 PITCAIRNS LIN TRO. A 4209 35FFP01 GAYTON INGA VIC A 4209 35FFP09 LINMACK KRISS KING A FB1021 45FFH09 LINMACK KRISS KING A ENCH 11FFU23 RISSMORE BONNIE CI A DEAN 13FFV34 MURRIBROOK MARQUIS A DEAN 13FFV34 MURRIBROK MARQUIS A ULYS 35FFM08 LESDALE CLL ULYSES A 13FFU01 13FFU01 DELORAINE NORTHER A CRIC 11FFP01, CLINELL RAELENE MARA A FERGY 23FFP03 PITCAIRNS LIN FERI A ALDA 35FF04 WELBURN P.G. BUTTI A ALDA 35FF05 JALES ALENA ANDI A JAND 11FFN07 JAYLEA GALENA ANDI A IDEAL 35FF009 PITCAIRNS P.T. IDI <	03 (W98)	263	26.5	0.31	91	8.9	-0.02	71
A RDV 11FFT23 R'DALE VICTOR A MICH 11FFS22 MITTABONG CHALLEND A 6200 35FFH01 GREVLANDS M.M.SEGI A 6200 35FFH01 GREVLANDS M.M.SEGI A 46392 35FFP08 PITCAIRNS LIN TRO. A 46392 35FFP08 PITCAIRNS LIN TRO. A THIOVOS 17FFV08 THIO WINDERMERE VI A 46392 35FFP08 PITCAIRNS LIN TRO. A 46392 35FFP08 GAYTON INGA VIC A 4209 35FFP09 LINMACK KRISS KING A FB1021 45FFH09 LINMACK KRISS KING A ENCH 11FFU23 RISSMORE BONNIE CI A DEAN 13FFV34 MURRIBROOK MARQUIS A DEAN 13FFV34 MURRIBROK MARQUIS A ULYS 35FFM08 LESDALE CLL ULYSES A 13FFU01 13FFU01 DELORAINE NORTHER A 70278 35FFM04 WELBURN P.G. BUTTI A ALDA 35FF106 LESDALE LINMACK AND A PREMIER 13FFU21 ROMANAC NED PREMII A JAND 11FFN07 JAVLEA GALENA AND A IDEAL 35FF109 PITC	130110111							10
A THIOVOS 17FFV08 THIO HINDERMERE VI A 4209 35FFF01 GAYTON INGA VIC G 9070009494 GLENJGY DARKIE DRI A FB1021 45FFH09 LINMACK KRISS KING A ENCH 11FFT02 ENTERPRISE LINMACI A DEAN 13FFV34 MURRIBROOK MARQUIS A ULVS 35FFM08 LESDALE CLL ULVSE3 A ULVS 35FFM04 LESDALE CLL ULVSE3 A 13FFU01 13FFU01 DELORAINE NORTHERM A CRIC 11FFP01, CLINELL RAELENE MARQUIS A FERGY 23FFP03 PITCAIRNS LIN FERMINA A FERGY 23FFF04 WELBURN P.G. BUTTI A ALDA 35FFL06 LESDALE LINMACK AND A PREMIER 13FFU21 ROMANAC NED PREMII A JAND 11FFN09 JAVLEA GALENA AND A IDEAL 35FFJ09 PITCAIRNS P.T. IDI A MAC 11FFN01 WINGINANNI M T COI A DALS 45FFP05 DALESEND CASCADE A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR 11FFV11 HEYBRIDGE BLACK A		163	26.1	0.48	67	9.2	0.14	64
A THIOVOS 17FFV08 THIO HINDERMERE VI A 209 35FFF01 GAYTON INGA VIC G 9070009494 GLENJGY DARKIE DRI FB1021 45FFH09 LINMACK KRISS KING A ENCH 11FFT02 ENTERPRISE LINMACI A ENCH 11FFT02 RISSMORE BONNIE C A DEAN 13FFV04 MURRIBROOK MARQUIS A ULYS 35FFM08 LESDALE CLL ULYSE3 A 13FFU01 13FFU01 DELORAINE NORTHERN A CRIC 11FFP01, CLINELL RAELENE MARQUIS A FERGY 23FFP03 PITCAIRNS LIN FERMINA A FERGY 23FFP04 WELBURN P.G. BUTTI A ALDA 35FFL06 LESDALE LINMACK AND A PREMIER 13FFU21 ROMANAC NED PREMII A JAND 11FFN09 JAYLEA GALENA AND A IDEAL 35FFJ07 PITCAIRNS P.T. IDI A MAC 11FFN01 WINGINANNI M T COI A DALS 45FFP05 DALESEND CASCADE A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR 11FFV11 HEYBRIDGE BLACK A	3E	878	24.7	-0.32	72			
A THIOVOS 17FFV08 THIO HINDERMERE VI A 4209 35FFF01 GAYTON INGA VIC G 9070009494 GLENJGY DARKIE DRI A FB1021 45FFH09 LINMACK KRISS KING A ENCH 11FFT02 ENTERPRISE LINMACG A RISS 11FFU23 RISSMORE BONNIE C A DEAN 13FFV04 MURRIBROOK MARQUIS A ULYS 35FFM08 LESDALE CLL ULYSE3 A 13FFU01 13FFU01 DELORAINE NORTHER A CRIC 11FFP01, CLINELL RAELENE MARQUIS A FERGY 23FFP03 PITCAIRNS LIN FERMINA A FERGY 23FFF04 WELBURN P.G. BUTTI A ALDA 35FFL06 LESDALE LINMACK AND A PREMIER 13FFU21 ROMANAC NED PREMII A JAND 11FFN09 JAYLEA GALENA AND A IDEAL 35FFJ07 PITCAIRNS P.T. IDI A MAC 11FFN01 WINGINANNI M T COI A DALS 45FFP05 DALESEND CASCADE A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR 11FFV11 HEYBRIDGE BLACK A	IS	183	23.3	0.34	80		14 86	1255
A THIOVOS 17FFV08 THIO HINDERMERE VI A 4209 35FFF01 GAYTON INGA VIC G 9070009494 GLENJGY DARKIE DRI A FB1021 45FFH09 LINMACK KRISS KING A ENCH 11FFT02 ENTERPRISE LINMACG A RISS 11FFU23 RISSMORE BONNIE C A DEAN 13FFV04 MURRIBROOK MARQUIS A ULYS 35FFM08 LESDALE CLL ULYSE3 A 13FFU01 13FFU01 DELORAINE NORTHER A CRIC 11FFP01, CLINELL RAELENE MARQUIS A FERGY 23FFP03 PITCAIRNS LIN FERMINA A FERGY 23FFF04 WELBURN P.G. BUTTI A ALDA 35FFL06 LESDALE LINMACK AND A PREMIER 13FFU21 ROMANAC NED PREMII A JAND 11FFN09 JAYLEA GALENA AND A IDEAL 35FFJ07 PITCAIRNS P.T. IDI A MAC 11FFN01 WINGINANNI M T COI A DALS 45FFP05 DALESEND CASCADE A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR 11FFV11 HEYBRIDGE BLACK A	MONARCH	235	23.0	0.24	76	7.5	-0.09	73
5 9070009494 GLENJOY DARKIE DRI 6 FB1021 45FFH09 LINMACK KRISS KING 6 ENCH 11FFT02 ENTERPRISE LINMACH 7 ENCH 11FFT02 ENTERPRISE LINMACH 8 RISS 11FFT02 RISSMORE BONNIE C 9 DEAN 13FFV34 MURRIBROOK MARQUIS 9 DEAN 13FFV01 BESDALE CLL ULYSES 9 DEAN 13FFU01 DELORAINE NORTHER 9 CRIC 11FFP01 CLINELL RAELENE M 9 FERGY 23FFP03 PITCAIRNS LIN FERG 9 FERGY 23FFF04 WELBURN P.G. BUTH 9 ALDA 35FFL06 LESDALE LINMACK AND 9 PREMIER 13FFU21 ROMANC NED PREMII 9 JAND 11FFN09 JAYLEA GALENA AND 9 IDEAL 35FFJ09 PITCAIRNS P.T. IDD 9 ALS 45FF05 DALESEND CASCADE 9 ALS 45FF05 DALESEND CASCADE 9 ALS 45FF05 DALESEND CASCADE 9 ALBAR 11FFV11 HEYBRIDGE BLACK A	JAN	680	22.8	-0.13	83			
9070009494 GLENJOY DARKIE DRI FB1021 45FFH09 LINMACK KRISS KING ENCH 11FFT02 ENTERPRISE LINMACH RISS 11FFU23 RISSMORE BONNIE C DEAN 13FFV34 MURRIBROOK MARQUIA ULYS 35FFM08 LESDALE CLL ULYSE3 13FFU01 13FFU01 DELORAINE NORTHER CRIC 11FFP01 CLINELL RAELENE MARA FEROY 23FFP03 PITCAIRNS LIN FERM 70278 35FFM04 WELBURN P.G. BUTH ALDA 35FFL06 LESDALE LINMACK AMARA PREMIER 13FFU1 ROMANAC NED PREMINARY JAND 11FFN09 JAYLEA GALENA ANDI MMTC 11FFN01 WINGINANNI M T COMANAC NED PREMINARY MMTC 11FFN01 WINGINANNI M T COMANAC SOLERA MAR 13FFU1 CHARMSWOOD SOVERE HBAR 11FFV11 HEYBRIDGE BLACK AMARA	08 (#104)	706	22.4	-0.10	39	22.7	-0.05	89
9070009494 GLENJOY DARKIE DRI 9 FB1021 45FFH09 LINMACK KRISS KING 9 ENCH 11FFT02 ENTERPRISE LINMACH 9 ENCH 11FFT02 ENTERPRISE LINMACH 9 ENCH 11FFT02 RISSMORE BONNIE C 9 DEAN 13FFV34 MURRIBROOK MARQUIS 9 ULYS 35FFM08 LESDALE CLL ULYSES 9 TARFFU01 13FFU01 DELORAINE NORTHER 9 CRIC 11FFP01 CLINELL RAELENE M 9 FEROY 23FFP03 PITCAIRNS LIN FERM 9 FEROY 23FFF04 WELBURN P.G. BUTH 9 ALDA 35FFL06 LESDALE LINMACK AND 9 ALDA 35FFL06 LESDALE LINMACK AND 9 JAND 11FFN09 JAYLEA GALENA AND 9 IDEAL 35FFJ09 PITCAIRNS P.T. IDD 9 ADLS 45FF05 DALESEND CASCADE 9 ALS 45FF05 DALESEND CASCADE 9 ADLS 45FF101 CHARMSWOOD SOVERE 9 ADAR 11FFV11 HEYBRIDGE BLACK AND		-192	21.7	0.60	99	0.7	0.11	95
RISS 11FFU23 RISSMORE BONNIE C. DEAN 13FFV34 MURRIBROOK MARQUIS ULYS 35FFM08 LESDALE CLL ULYSES 13FFU01 13FFU01 DELORAINE NORTHERS CRIC 11FFP01 CLINELL RAELENE MUR FERGY 23FFP03 PITCAIRNS LIN FERM 70278 35FFM04 WELBURN P.G. BUTTI ALDA 35FFL06 LESDALE LINMACK AND PREMIER 13FFU21 RUMANAC NED PREMII JAND 11FFN09 JAYLEA GALENA AND IDEAL 35FFJ09 PITCAIRNS P.T. ID MMTC 11FFN01 WINGINANNI M T COUNT ADALS 45FFP05 DALESEND CASCADE CHAR 23FFL01 CHARMSWOOD SOVERE HBAR 11FFV11 HEYBRIDGE BLACK AND	EAN BOY 2ND	16	21.4	0.47	86			107
A RISS 11FFU23 RISSMORE BONNIE C. A DEAN 13FFV34 MURRIBROOK MARQUIS A ULYS 35FFM08 LESDALE CLL ULYSES A 13FFU01 13FFU01 DELORAINE NORTHERS A CRIC 11FFP01 CLINELL RAELENE MURANE A FERGY 23FFP03 PITCAIRNS LIN FERMINA A FERGY 23FFP04 WELBURN P.G. BUTTI A ALDA 35FFL06 LESDALE LINMACK AND A PREMIER 13FFU21 ROMANAC NED PREMII A JAND 11FFN09 JAYLEA GALENA AND A IDEAL 35FFJ09 PITCAIRNS P.T. IDI A WMTC 11FFN01 WINGINANNI M T COI A DALS 45FFP05 DALESEND CASCADE A CHAR 23FFL01 CHARMSWOOD SOVERE	0	-108	21.0	0.52	99	-0.3	0.00	95
A DEAN 13FFV34 MURRIBROOK MARQUI A ULYS 35FFM08 LESDALE CLL ULYSE A 13FFU01 13FFU01 DELORAINE NORTHER A CRIC 11FFP01, CLINELL RAELENE MU A FERGY 23FFP03 PITCAIRNS LIN FERM A FERGY 23FFP03 PITCAIRNS LIN FERM A TO278 35FFM04 WELBURN P.G. BUTTI A ALDA 35FFL06 LESDALE LINMACK AM A PREMIER 13FFU21 ROMANAC NED PREMINAL A JAND 11FFN09 JAYLEA GALENA ANDI A IDEAL 35FFJ09 PITCAIRNS P.T. IDM A MMTC 11FFN01 WINGINANNI M T COI A DALS 45FFJ05 DALESEND CASCADE A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR 11FFV11 MEYBRIDGE BLACK AM	K CHARLES	-94	21.0	0.59	90	-1.8	0.04	77
A DEAN 13FFV34 MURRIBROOK MARQUI A ULYS 35FFM08 LESDALE CLL ULYSE A 13FFU01 13FFU01 DELORAINE NORTHER A CRIC 11FFP01 DELORAINE NORTHER A FERGY 23FFP03 PITCAIRNS LIN FERM A TO278 35FFM04 WELBURN P.G. BUTTI A ADA 35FFL06 LESDALE LINMACK AND A PREMIER 13FFU21 ROMANAC NED PREMINA A JAND 11FFN09 JAYLEA GALENA AND A IDEAL 35FFJ09 PITCAIRNS P.T. IDD A MMTC 11FFN01 WINGINANNI M T COI A DALS 45FFP05 DALESEND CASCADE A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR 11FFV11 MEYBRIDGE BLACK A	TATION	312	20.9	0.18	79	16.3	0.05	77
A ULYS 35FFM08 LESDALE CLL ULYSE A 13FFU01 13FFU01 DELORAINE NORTHER A CRIC 11FFP01 CLINELL RAELENE MU A FERGY 23FFP03 PITCAIRNS LIN FER A 70278 35FFM04 WELBURN P.G. BUTTI A ALDA 35FFL06 LESDALE LINMACK AU A PREMIER 13FFU21 ROMANAC NED PREMII A JAND 11FFN09 JAYLEA GALENA ANDI A IDEAL 35FFL06 LESDALE LINMACK AU A MARC 13FFU21 ROMANAC NED PREMII A JAND 11FFN09 JAYLEA GALENA ANDI A IDEAL 35FFL09 PITCAIRNS P.T. IDI A WATC 11FFN01 WINGINANNI M T COM A DALS 45FFP05 DALESEND CASCADE A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR 11FFV11 MEYBRIDGE BLACK AU	I PERM	312	20.4	0.31	70	-2.8	-0.01	59
A FERGY 23FFP03 PITCAIRNS LIN FERGY A FERGY 23FFP03 PITCAIRNS LIN FERGY A ALDA 35FFL06 LESDALE LINMACK AG A PREMIER 13FFU21 ROMANAC NED PREMII A JAND 11FFN09 JAYLEA GALENA ANDI A IDEAL 35FFL06 LESDALE LINMACK AG A MAND 11FFN09 JAYLEA GALENA ANDI A IDEAL 35FFJ09 PITCAIRNS P.T. IDG A MATC 11FFN01 WINGINANNI M T COG A DALS 45FFP05 DALESEND CASCADE A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR 11FFV11 MEYBRIDGE BLACK AG	5 DEAN	117	20.3	0.04	95	17.1	0,11	69
A FERGY 23FFP03 PITCAIRNS LIN FERGY A FERGY 23FFP03 PITCAIRNS LIN FERGY A ALDA 35FFL06 LESDALE LINMACK AG A PREMIER 13FFU21 ROMANAC NED PREMII A JAND 11FFN09 JAYLEA GALENA ANDI A IDEAL 35FFL06 LESDALE LINMACK AG A MAND 11FFN09 JAYLEA GALENA ANDI A IDEAL 35FFJ09 PITCAIRNS P.T. IDG A MATC 11FFN01 WINGINANNI M T COG A DALS 45FFP05 DALESEND CASCADE A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR 11FFV11 MEYBRIDGE BLACK AG	5	4-57	20.2	-0.04	68			-
FERGY 23FFP03 PITCAIRNS LIN FER 70278 35FFN04 WELBURN P.G. BUTTI 0 ALDA 35FFL06 LESDALE LINMACK AND 0 PREMIER 13FFU21 ROMANAC NED PREMI 1 JAND 11FFN09 JAYLEA GALENA AND 1 IDEAL 35FFJ09 PITCAIRNS P.T. ID WHTC 11FFN01 WINGINANNI M T CO A DALS 45FFP05 DALESEND CASCADE A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR 11FFV11 MEYBRIDGE BLACK AND	AGIC	415	20.0	0.05	90	6.4	-0.18	83
A 70278 35FFM04 WELBURN P.G. BUTTI A ALDA A ALDA 35FFL06 LESDALE LINMACK AN 35FFL07 ROMANAC NED PREMII A JAND A PREMIER 13FFU21 ROMANAC NED PREMII 11FFN09 JAYLEA GALENA AND A IDEAL A IDEAL 35FFJ09 PITCAIRNS P.T. IDI A WATC A IDEAL 35FFP05 DALESEND CASCADE A CHAR A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR		2.222.23						
A ALDA 35FFL06 LESDALE LINMACK AN PREMIER 13FFU21 ROMANAC NED PREMI A JAND 11FFN09 JAYLEA GALENA AND A IDEAL 35FFJ09 PITCAIRNS P.T. ID A WMTC 11FFN01 WINGINANNI M T CO A DALS 45FFP05 DALESEND CASCADE A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR 11FFV11 MEYBRIDGE BLACK AN	GIE	278	20.0	0.13	94			~~
ALDA 35FFL06 LESDALE LINMACK A PREMIER 13FFU21 ROMANAC NED PREMI 13FFU21 ROMANAC NED PREMI 11FFN09 JAYLEA GALENA AND 11FFN09 PITCAIRNS P.T. ID WMTC 11FFN01 WINGINANNI M T CO DALS 45FFP05 DALESEND CASCADE A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR 11FFV11 MEYBRIDGE BLACK A	ERMAN	659	19.7	-0.12	92	5.6		80
A PREMIER 13FFU21 ROMANAC NED PREMI A JAND 11FFN09 JAYLEA GALENA AND A IDEAL 35FFJ09 PITCAIRNS P.T. ID A WMTC 11FFN01 WINGINANNI M T CO A DALS 45FFP05 DALESEND CASCADE A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR 11FFV11 MEYBRIDGE BLACK A	LDA	-58	19.3	0.46	89	-7.7	0.04	74
A JAND 11FFN09 JAYLEA GALENA AND A IDEAL 35FFJ09 PITCAIRNS P.T. ID A WHTC 11FFN01 WINGINANNI M T CO A DALS 45FFP05 DALESEND CASCADE A CHAR 23FFL01 CHARMSWODD SOVERE A HBAR 11FFV11 MEYBRIDGE BLACK A	ER	501	19.1	-0.08	75	5.0	0.06	62
A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR 11FFV11 HEYBRIDGE BLACK A	REW	75	18.8	0.39	70			
A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR 11FFV11 HEYBRIDGE BLACK A	EALIST	129	18.2	0.26	59			
A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR 11FFV11 HEYBRIDGE BLACK A	MMUNE	-112	18.1	0.47	92	2.8	0.13	76
A CHAR 23FFL01 CHARMSWOOD SOVERE A HBAR 11FFV11 HEYBRIDGE BLACK A		422	17.9	0.01	86	7.1	-0.12	67
	IGN BRUCE	462	17.7	-0.05	89	16.8	-0.27	77
	RNDLD	535	17.5	-0.11	79	13.2	-0.14	78
		446	17.3	0.07	64			
		178	17.2	0.22	84	7.4	0.05	82
	07 (W103)	-152	17.2	0.49	88	7.4	0.09	88
		667	17.2	-0.27	71	10.5	-0.16	58
A 1204 35FFB01 TUREPO SOVEREIGN A DELL 11FFR29 KENDELLA PERFECT		116	16.9	0.22	99	9.2	0.06	98

Australian Breeding Value Sire Assessments for Dairy Sires used in Australia

January 1983





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December 2022

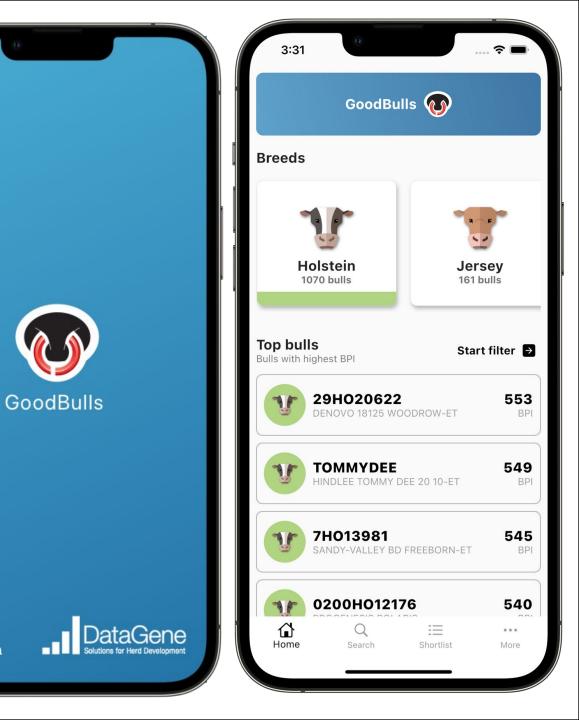






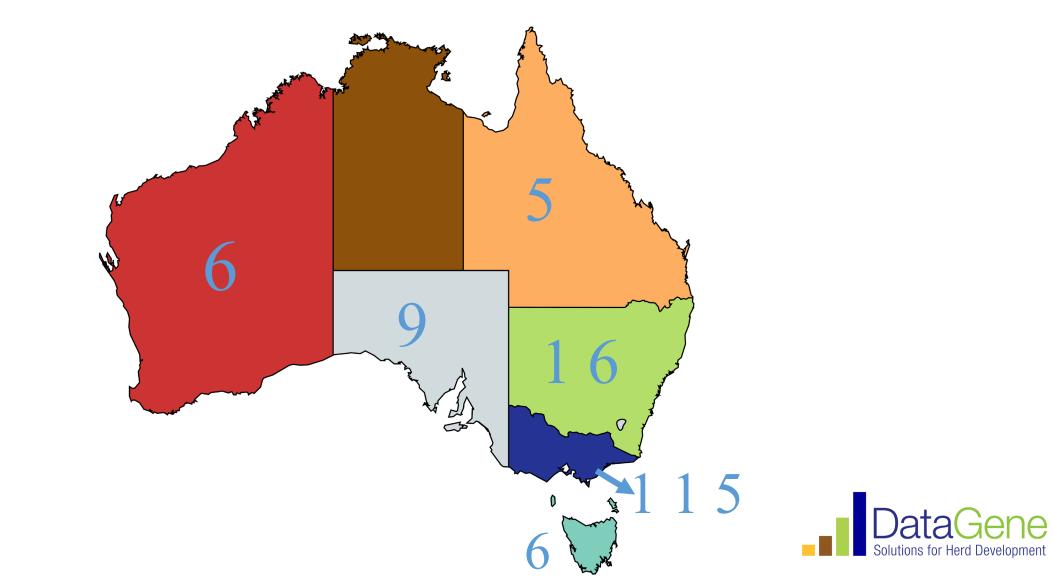


Dairy Australia

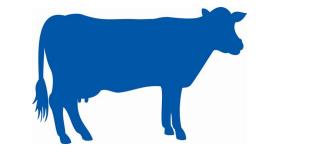




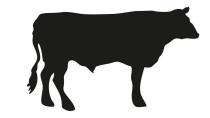
157 Ginfo herds



Australian reference population











Ginfo has increased reliability

Bulls

BPI: Fertility: Type: 17 percentage points23 percentage points23 percentage points



Cows BPI: Fertility: Type:

32 percentage points28 percentage points25 percentage points



Ginfo has increased reliability

Bulls

BPI: Fertility:

Type:

- 21 percentage points 21 percentage points
- 21 percentage points

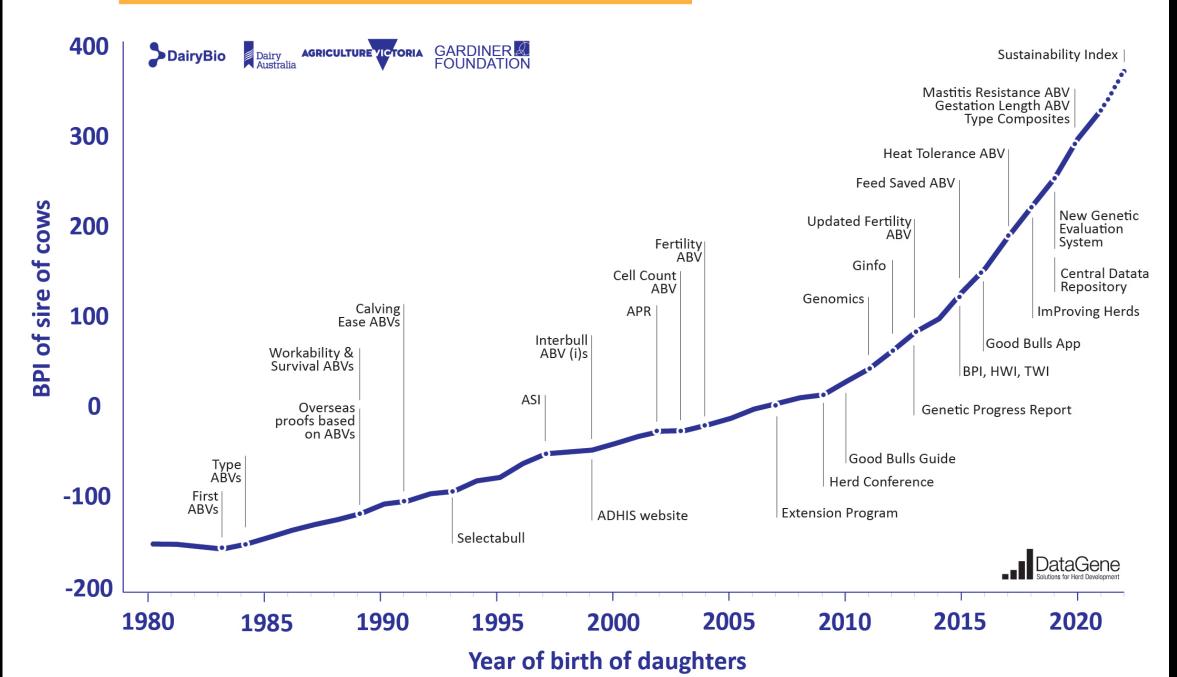


Cows BPI: Fertility: Type:

33 percentage points26 percentage points23 percentage points

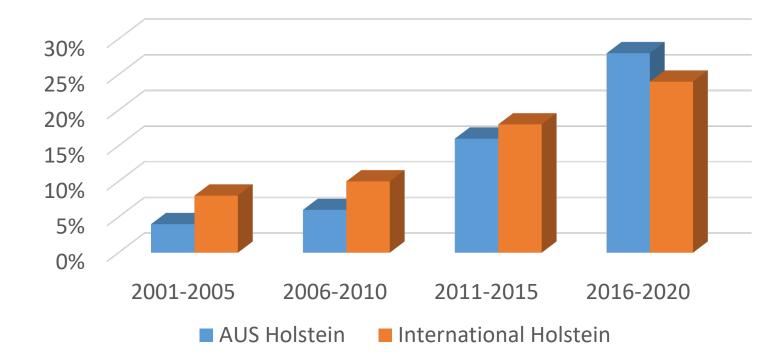


Australian genetic trends (Holstein)



International Comparison

Gain as % of Index Genetic Standard Deviation Unit



Source: abacusbio

Includes data from 9 countries across Oceania, North America and Europe.















