PARTNERING WITH LIC®

2022

AYRSHIRE NEW ZEALAND

AYRSHIRE
YOUNG AND PROVEN SIRE
CATALOGUE

SEMAYR
Breeding Services

Serious about improving
the Ayrshire breed

SEMAYR
Breeding Services

AYRSHIRE NEW ZEALAND

WELCOME TO THE 2022 SEMAYR BREEDING SERVICES BROCHURE

In an exciting new development this season, Semayr is able to offer genomically selected young bulls for the first time. Of the offering of seven young bulls, five have been selected using genomic information. The availability of this genomic data has helped us to select the best available young bulls, particularly where ET brothers were offered. We are confident that these young bulls are likely to be the breed leaders when proven.

With four new graduates in a total team of six proven bulls, all breeders should find a proven bull suitable for their breeding programme. In addition to the proven team offered via LIC.

Continuing the Semayr tradition of also bring New Zealand breeders the best that Viking Red has to offer we once again market two Scandinavian bulls - Vimo with hight type indexes and his son Vesty with extremely high production figures.

SEMAYR – Serious about improving the Ayrshire breed.

IMPORTANT INFORMATION (Progeny Test Bulls)

- Free registration for all progeny sired by Semayr Progeny Test Bulls (2021 bulls sired 2022 born calves = free registration.)
- Free classification for all your two year olds, if at least 20% are sired by Semayr Progeny Test bulls
- Not available until spring mating. All orders subject to availability. If semen cannot be provided, LIC will contact you to arrange a replacement.
- Minimum 3 bulls and 20 straws in a Pak (equal quantities of each)

$14.00 +GST **CHOICE PAK** per straw

$5.40 +GST **NO CHOICE PAK** per straw

$15.40 +GST **INDIVIDUALLY NOMINATED** per straw

ALL SEMEN MAY BE ORDERED THROUGH ALPHA® OR YOUR LIC AGRI MANAGER

AYRSHIRE SIRE PROVING SCHEME

Help prove the Ayrshire bulls of the future - Join the Ayrshire Sire Proving Scheme

- **Semen available at $3.00 per straw + GST**
- **Free pedigree registration on all Semayr SPS sired heifers**
- **No limit on animal numbers**
- **Free classification of all Ayrshire two year olds**

Put up your whole herd, an age group or a selected line for the Sire Proving Scheme.
Get a head start on the latest Ayrshire genetics, and help the breed prove the Ayrshire bulls of the future.
Contact the Ayrshire office on 07 856 0816 or e-mail info@ayrshire.org.nz for more information.

LIC®

Date: 30/04/2022

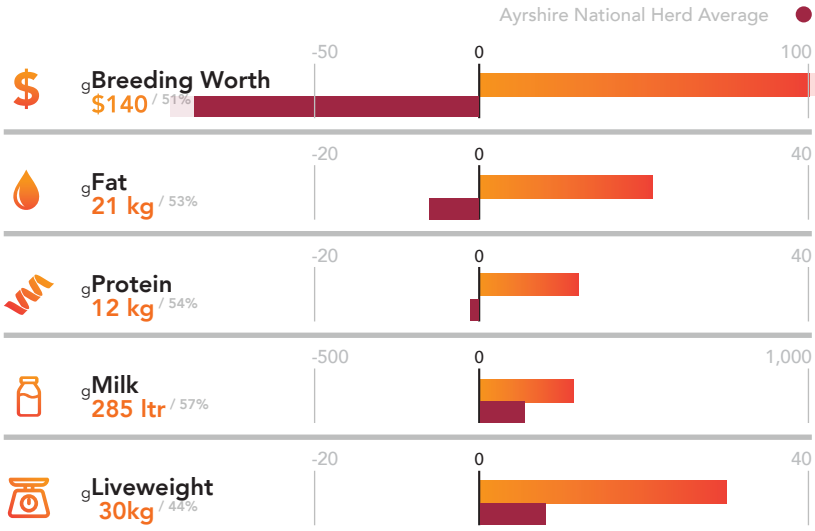
Ayrshire New Zealand
P O Box 1132, Hamilton 3240
t: 07 856 0816 e: info@ayrshire.org.nz
www.ayrshire.org.nz

HATHERLEIGH NOLAN-ET

gBW 140 REL: 51%

AB CODE: **522500** **A2A2**

SIRE: Iwa Super Sonic
DAM: Kokoamo Bro Nicky, V6-9



LIC Data Source 30/04/2022

Hatherleigh Nolan-ET

Nolan is our highest ranked genomically tested, progeny test bull this year. This follows on from a female line where the closest two sires both have a reliability of 99%. High production throughout the pedigree. Note the high fat & protein percentage transmitted. Dam produced 666 kg ms at 7 years. Nolan is A2A2.

UNPROVEN BULL

P001.50 Official Publication of Livestock Improvement Corporation Limited and the NZ Ayrshire Association. Internal Animal Key = 42882520

Three Generation Pedigree

NZ Ayrshire Association
New Zealand

AE Herd Averages as at
Ancestry : BW : PW :

PTPT / HERDCODE :
LOCATION :
DATE : 4/05/2022

REGISTERED AYRSHIRE

G3 S✓ D✓

HATHERLEIGH NOLAN-ET

Birth Ident: GWKP-21-518 (522500)

Sex :	MALE
Breed :	PA A16
Date of Birth :	25/07/2021
Genomic Indicator:	
BW ($):	140/51
Protein BW (kg):	12/54
Fat BW (kg):	21/53
Milk BW (ltr):	285/57
Liveweight BW (kg):	30/44
Fertility BW (%):	-1.5/53
Functional Survival BW (%):	1.3/21
Somatic Cell BV:	-0.53/55
Overall Opinion BV:	0.40/28
Udder Overall BV:	0.29/36
Dairy Conformation BV:	0.22/33
Fat %:	4.9
Protein %:	3.8

The information on this report is as recorded on the LIC MINDA database as at date of print, and LIC does not warrant the accuracy of the information provided

IWA SUPER SONIC

Birth Ident: BNNL-14-9260 (515503)

Breed : PA A16 G3 S✓ D✓
Genomic Indicator:

BW ($):	134/81
Protein BW (kg):	11/86
Fat BW (kg):	23/86
Milk BV (ltr):	347/88
Liveweight BW (kg):	21/68
Fertility BV (%):	-3.4/79
Functional Survival BV (%):	0.2/42
Somatic Cell BV:	-0.63/86
Fat %:	4.9
Protein %:	3.7

KOKOAMO BRO NICKY

Birth Ident: KLWL-12-95 V6-9

Breed: PA A16 G3 S✓ D✓
Genomic PW ($): 144/79
BW ($): 4/65 Lwt BV (kg): 47/54
Protein BV (kg): 22/69 Fertility BV (%): -9.2/66
Fat BV (kg): 16/69 Func Surv BV (%) : 0.1/39
Milk BV (ltr): 817/72 SCC BV: -0.07/69

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
9 yr 1 m	5362	3.59	192	4.53	243	185	303
6 yr 11 m	8314	3.71	308	4.31	358	292	139
6 yr 0 m	6997	3.80	266	4.61	323	263	118
5 yr 0 m	6799	3.71	252	4.35	296	290	59
4 yr 1 m	6394	3.89	248	4.26	272	257	84
3 yr 0 m	5957	3.68	219	4.35	259	287	87
2 yr 0 m	5321	3.79	202	3.98	212	272 T	199
Avg	6449	3.74	241	4.35	280	264	7 Lacts.

Traits other than production (2021)

AM	ST	MS	OO	S	W	C	RA	R	L	US	FU	RU	FT	RT	TL	UO	DC
0	0	0	0	6	6	8	5	6	6	6	6	5	5	6	3	6	9

SALT SPRAY BONNY GEORGE

Birth Ident: DYNX-04-46 (505545)

Breed: PA A16 G3
Genomic Indicator:
BW ($): -55/96 Lwt BV (kg): 1/90
Protein BV (kg): 3/98 Fertility BV (%): -10.3/95
Fat BV (kg): -5/98 Func Surv BV (%) : 1.9/80
Milk BV (ltr): 270/99 SCC BV: -0.62/98

SANROSA SNOWIE 11-260 ET

Birth Ident: BNNL-11-260 V6-7

Breed: PA A16 G3 S✓ D✓
Genomic Indicator
BW ($): 81/75 PW ($): 485/81

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
8 yr 0 m	10058	3.92	395	4.80	482	305	330
7 yr 0 m	8855	3.97	351	5.20	461	295	319
6 yr 0 m	7977	3.87	309	4.89	390	291	272
5 yr 0 m	9241	3.95	365	5.52	510	297	349
3 yr 0 m	8144	3.86	314	5.34	435	287	371
	Plus 1 unprinted lactation						
Avg	8594	3.93	338	5.24	450	296	6 Lacts.

CARMELGLEN BRODY

Birth Ident: FRQW-03-58 (504534)

Breed: PA A16 G3,G1 S✓ D✓
Genomic Indicator:
BW ($): -28/99 Lwt BV (kg): 41/99
Protein BV (kg): 8/99 Fertility BV (%): -5.2/99
Fat BV (kg): 9/99 Func Surv BV (%) : 0.4/97
Milk BV (ltr): 362/99 SCC BV: -0.03/99

KARNEA PHILS NICKY

Birth Ident: DRYQ-09-8 V7-9

Breed: PA A16 G3 S✓
Genomic Indicator:
BW ($): 39/75 PW ($): 446/82

Age		Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
12 yr	0 m	3556	3.73	133	3.59	128	188	-377
11 yr	0 m	7216	3.31	239	4.23	305	281	9
8 yr	0 m	7002	3.37	236	3.95	277	268	163
7 yr	0 m	5924	3.58	212	3.96	235	289	-1
6 yr	0 m	6984	3.47	242	3.72	260	267	131
		Plus 4 unprinted lactations						
Avg	D	6484	3.51	228	3.84	249	239	9 Lacts.

GOLDWYN FOLLY SULTAN

Birth Ident: WGR-96-6 (500599)
Breed: PA A16
Genomic Indicator: BW ($): -175/95

KITEROA BONNY GLUCOSE

Birth Ident: MVV-98-6
Breed : PA A16 EX3
Genomic Indicator:
BW ($): -125/69 PW ($): -66/80

9 Lacts.	Protein		Milkfat		
Milk	(%)	(kg)	(%)	(kg)	Days
5614	3.52	198	3.91	220	270

ASMO TOSIKKO ET

Oseas HB No: 000000043642/FIN (510634)
Breed : PA A16
Genomic Indicator: BW ($): -56/97

LODORE PHILS SNOWIE

Birth Ident: CHDD-06-59
Breed : PA A16 VHC S✓
Genomic Indicator:
BW ($) : -39/87 PW ($): 559/79

3 Lacts.	Protein		Milkfat		
Milk	(%)	(kg)	(%)	(kg)	Days
7896	3.66	289	4.89	386	269

HIRVIAINION JULLI

Oseas HB No: 000000040198/FIN (61702)
Breed: PA A16
Genomic Indicator: BW ($): -118/98

CARMELGLEN BRIGITTE

Birth Ident: FRQW-00-47
Breed: PA A16 EXC S✓
Genomic Indicator:
BW ($): 5/77 PW ($): 276/84

10 Lacts.	Protein		Milkfat		
Milk	(%)	(kg)	(%)	(kg)	Days
5333	3.56	190	4.12	220	252

SANROSA ROYAL PHILLIP

Birth Ident: BNNL-99-28 (500520)
Breed: PA A16 S✓D✓
Genomic Indicator: BW ($): -42/99

LODORE NANS NELLIE

Birth Ident: CHDD-07-171
Breed: PA A16 V6-7 S✓
Genomic Indicator:
BW ($): -38/68 PW ($): 70/80

7 Lacts.	Protein		Milkfat		
Milk	(%)	(kg)	(%)	(kg)	Days
5358	3.72	199	4.52	242	265

N = Induced T = At least 1 Abnormal Test in this Lactation
D = Lactation details include at least one derived test
G = GeneMark DNA Profiled # = Parentage Uncertain D / S ✓ = Parentage Confirmed by DNA
g Indices evaluated by LIC using genomic information

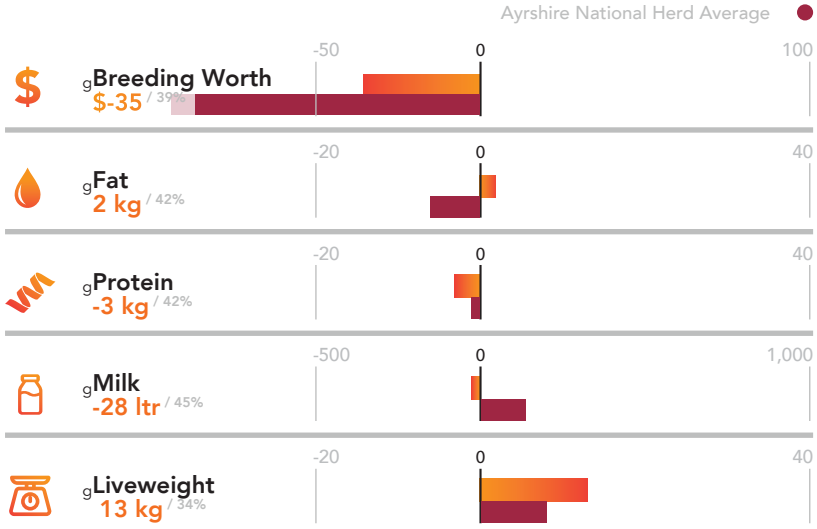
P001.50

gBW
-35
REL: 39%

LODORE JOHN PAUL

AB CODE: **522501** **A2A2**

SIRE: VR Viking Viljar Vario
DAM: Lodore Blue Jebbie, V6-7



LIC Data Source 30/04/2022

Lodore John Paul

John Paul is one of two Vario sons that are offered. Again having been genomically tested and transmitting high fat and protein percentages, Vario himself although not converting that high in indexes, is ranked highly in Scandanavia leaving big framed cattle with wide rump width, good udders and production. John Paul's dam is a member of the Lodore Jebbie family which over the generations has left great type and production. A2A2 Young Sire.

UNPROVEN BULL

P001.50 Official Publication of Livestock Improvement Corporation Limited and the NZ Ayrshire Association. Internal Animal Key = 43067146

Three Generation Pedigree

NZ Ayrshire Association
New Zealand

AE Herd Averages as at
Ancestry : BW : PW :

PTPT / HERDCODE :
LOCATION :
DATE : 4/05/2022

Breeder : **Lodore Farm Ltd**
Owner : **Livestock Improvement Co Ltd**

REGISTERED AYRSHIRE

G3 S✓ D✓

LODORE JOHN PAUL

Birth Ident: CHDD-21-91 (522501)

Sex :	**MALE**
Breed :	**PA A16**
Date of Birth :	**9/08/2021**
Genomic Indicator:	
BW ($):	**-35/39**
Protein BW (kg):	**-3/42**
Fat BW (kg):	**2/42**
Milk BW (ltr):	**-28/45**
Liveweight BW (kg):	**13/34**
Fertility BW (%):	**-7.2/35**
Functional Survival BW (%):	**0.6/13**
Somatic Cell BV:	**-0.28/46**
Overall Opinion BV:	**0.31/21**
Udder Overall BV:	**0.54/31**
Dairy Conformation BV:	**0.31/24**
Fat %:	**4.8**
Protein %:	**3.8**

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VR VIKING VILJAR VARIO

Oseas HB No: 000000048180/DNK (520583)

Breed : **PA A16** G3
Genomic Indicator:

BW ($):	**-86/35**
Protein BW (kg):	**-5/36**
Fat BW (kg):	**-12/37**
Milk BW (ltr):	**-194/37**
Liveweight BW (kg):	**46/39**
Fertility BW (%):	**-1.6/23**
Functional Survival BW (%):	**0.2/26**
Somatic Cell BV:	**-0.74/38**
Fat %:	**4.7**
Protein %:	**3.8**

LODORE BLUE JEBBIE

Birth Ident: CHDD-18-161 V6-7

Breed: **PA A16** G3 S✓ D✓

Genomic		PW ($):	**181/66**
BW ($):	**21/59**	Lwt BV (kg):	**10/45**
Protein BW (kg):	**14/63**	Fertility BV (%):	**-13.9/57**
Fat BV (kg):	**23/63**	Func Surv BV (%) :	**0.1/28**
Milk BV (ltr):	**506/66**	SCC BV:	**0.19/65**

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
2 yr 11 m	**4640**	**3.53**	**164**	**4.19**	**194**	**231**	**100**
1 yr 11 m	**4342**	**3.92**	**170**	**4.91**	**213**	**305**	**303**
Avg	**4491**	**3.71**	**167**	**4.54**	**204**	**268**	**2 Lacts.**

Traits other than production (2021)

AM	ST	MS	OO	S	W	C	RA	R	L	US	FU	RU	FT	RT	TL	UO	DC
0	0	0	0	4	4	7	4	5	6	6	6	7	4	5	3	6	7

VR KUUSELAN VIMUR VILJAR

Oseas HB No: 000000047674/FIN (518720)

Breed: **PA A16** G3
Genomic Indicator:

BW ($):	**-14/72**	Lwt BV (kg):	**42/42**
Protein BV (kg):	**-1/81**	Fertility BV (%):	**-1.3/57**
Fat BV (kg):	**-9/82**	Func Surv BV (%) :	**2.3/43**
Milk BV (ltr):	**-42/84**	SCC BV:	**-1.29/84**

VANHA UOTILAN NATTI

Oseas HB No: 000011902402/FIN

Breed: **AO A10O6**
Genomic Indicator
BW ($): PW ($):

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW

MUSICA BLUES S3A

Birth Ident: PKRX-11-6 (512509)

Breed: **SA A15J1** G3 S✓ D✓
Genomic Indicator:

BW ($):	**104/81**	Lwt BV (kg):	**5/62**
Protein BV (kg):	**5/86**	Fertility BV (%):	**-6.8/79**
Fat BV (kg):	**27/86**	Func Surv BV (%) :	**0.3/53**
Milk BV (ltr):	**215/88**	SCC BV:	**0.10/86**

LODORE NANS K JEBBIE ET

Birth Ident: CHDD-08-53 E8-8

Breed: **PA A16** G3 S✓ D✓
Genomic Indicator:

BW ($):	**-91/68**	PW ($):	**344/80**

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
11 yr 0 m	**3385**	**4.01**	**136**	**4.73**	**160**	**185 T**	**43**
10 yr 1 m	**5540**	**3.97**	**220**	**4.60**	**255**	**270**	**4**
8 yr 2 m	**4947**	**3.84**	**190**	**4.74**	**234**	**233**	**213**
7 yr 1 m	**6134**	**4.08**	**250**	**4.65**	**285**	**250**	**454**
6 yr 2 m	**7154**	**3.94**	**282**	**4.45**	**318**	**247**	**567**
	Plus 4 unprinted lactations						
Avg	**5377**	**3.92**	**211**	**4.57**	**246**	**247**	**9 Lacts.**

VR IDALA VALPAS VIMUR R
Oseas HB No: 000000099716/SWE
Breed: **A A16**
Genomic Indicator: BW ($): **-89/57**

371 ASMO LUCKYKYMPPL ET
Oseas HB No: 000113629190/FIN
Breed : **A A16**
Genomic Indicator:
BW ($): PW ($):

Milk	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days

VR FABER
Oseas HB No: 000000037468/DNK (515567)
Breed : **OA O12A4**
Genomic Indicator: BW ($): **-34/68**

JAMPTI
Oseas HB No: 000010638701/FIN
Breed : **A A16**
Genomic Indicator:
BW ($) : PW ($):

Milk	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days

CARMELGLEN BRODY
Birth Ident: FRQW-03-58 (504534)
Breed: **PA A16** S✓D✓
Genomic Indicator: BW ($): **-28/99**

MUSICA 07-65 S2A
Birth Ident: JMPR-07-65
Breed: **SA A14J2 V7-7** S✓
Genomic Indicator:
BW ($): **63/69** PW ($): **235/81**

13 Lacts. Milk	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
D **4855**	**3.75**	**182**	**4.80**	**233**	**234**

KILFENNAN CHALLENGE
Birth Ident: DVLX-98-35 (61772)
Breed: **PA A16** S✓D✓
Genomic Indicator: BW ($): **-79/99**

LODORE KIEKKO JEBBIE
Birth Ident: CHDD-03-208
Breed: **PA A16 EXC** S✓D✓
Genomic Indicator:
BW ($): **-71/80** PW ($): **217/82**

4 Lacts. Milk	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
5254	**3.48**	**183**	**4.46**	**235**	**262**

N = Induced T = At least 1 Abnormal Test in this Lactation
D = Lactation details include at least one derived test
= GeneMark DNA Profiled # = Parentage Uncertain D / S ✓ = Parentage Confirmed by DNA
g Indices evaluated by LIC using genomic information

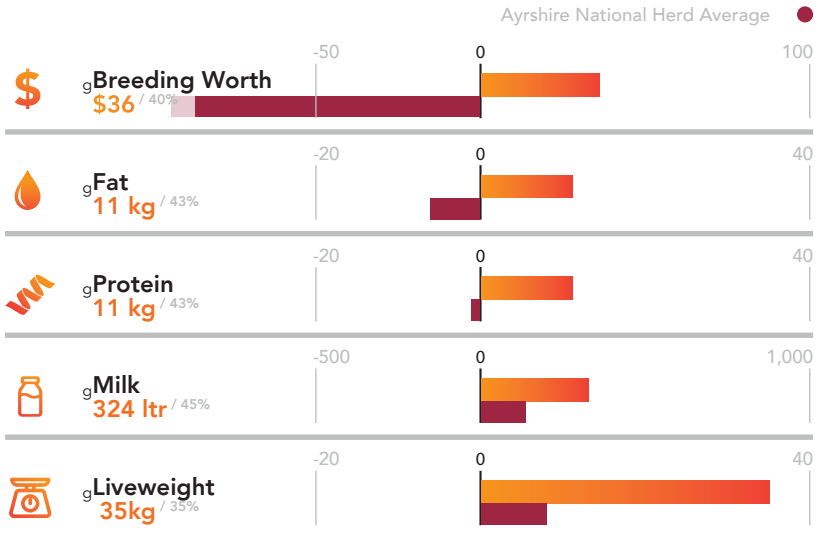
P001.50

gBW
36
REL: 40%

MUSICA JJ ILLUSION S3A

AB CODE: **522502** **A2A2**

SIRE: Musica DJ Jazzy Jeff
DAM: Musica 17-46 S2A, V6-7



LIC Data Source 30/04/2022

Musica JJ Illusion S3A

This young sire through genomics is predicted to transmit sound production with very tidy udders. Production achieved by modest milk volume of +324 litres and with percentages of 4.7% fat and 3.8% for protein.

UNPROVEN BULL

P001.50 Official Publication of Livestock Improvement Corporation Limited and the NZ Ayrshire Association. Internal Animal Key = 43315503

Three Generation Pedigree

NZ Ayrshire Association
New Zealand

AE Herd Averages as at
Ancestry : BW : PW :

PTPT / HERDCODE :
LOCATION :
DATE : 4/05/2022

Breeder : **Ackermann Ltd**
Owner : **Livestock Improvement Co Ltd**

REGISTERED AYRSHIRE SUPPLEMENTARY

MUSICA JJ ILLUSION S3A G3 S✓ D✓

Birth Ident: JMPR-21-68 (522502)

Sex :	MALE
Breed :	SA A16
Date of Birth :	24/08/2021
Genomic Indicator:	
BW ($):	36/40
Protein BW (kg):	11/43
Fat BW (kg):	11/43
Milk BW (ltr):	324/45
Liveweight BW (kg):	35/35
Fertility BW (%):	-5.7/38
Functional Survival BW (%):	0.8/13
Somatic Cell BV:	-0.31/46
Overall Opinion BV:	0.26/21
Udder Overall BV:	0.45/30
Dairy Conformation BV:	0.22/26
Fat %:	4.7
Protein %:	3.8

MUSICA DJ JAZZY JEFF
Birth Ident: JMPR-19-11 (520506)
Breed : PA A16 G3 S✓ D✓
Genomic Indicator:

BW ($):	11/39
Protein BW (kg):	19/37
Fat BW (kg):	11/38
Milk BW (ltr):	685/38
Liveweight BW (kg):	43/41
Fertility BW (%):	-5.4/40
Functional Survival BW (%):	1.4/27
Somatic Cell BV:	-0.14/38
Fat %:	4.3
Protein %:	3.7

MUSICA 17-46 S2A
Birth Ident: JMPR-17-46
Breed: SA A15J1 G3 V6-7 S✓

Genomic				PW ($):				177/68
BW ($):			73/50	Lwt BW (kg):				36/27
Protein BW (kg):			10/54	Fertility BV (%):				-2.3/52
Fat BV (kg):			17/55	Func Surv BV (%) :				-0.1/25
Milk BV (ltr):			341/58	SCC BV:				-0.32/54

Age		Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
4 yr 0 m	D	4610	3.62	167	4.80	221	260	21
3 yr 0 m		5214	3.77	197	5.11	266	267	268
2 yr 0 m		4658	3.65	170	4.87	227	270	216
Avg	D	4827	3.68	178	4.93	238	266	3 Lacts.

Traits other than production (2020)

AM	ST	MS	OO	S	W	C	RA	R	L	US	FU	RU	FT	RT	TL	UO	DC
0	0	0	0	6	5	7	5	7	6	7	6	6	4	5	4	6	7

SANROSA DEE JAY ET
Birth Ident: BNNL-16-5129 (517517)
Breed: PA A16 G3 S✓ D✓
Genomic Indicator:

BW ($):		12/74	Lwt BV (kg):		61/35
Protein BV (kg):		31/82	Fertility BV (%):		-7.5/75
Fat BV (kg):		21/83	Func Surv BV (%) :		0.9/38
Milk BV (ltr):		1092/85	SCC BV:		-0.17/84

MUSICA 13-25
Birth Ident: JMPR-13-25
Breed: PA A16 G3 V7-8 S✓
Genomic Indicator
BW ($): 49/61 PW ($): 293/77

Age		Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
8 yr 4 m	D	6260	3.68	230	4.07	255	250	186
7 yr 4 m		7683	3.57	274	3.93	302	289	128
5 yr 11 m		7069	3.73	264	4.13	292	305	99
5 yr 0 m		7179	3.85	277	3.99	286	286	239
4 yr 1 m		6116	3.52	215	4.51	276	253	240
Plus 2 unprinted lactations								
Avg	D	6574	3.67	241	4.22	277	284	7 Lacts.

IWA ISO CASTLEBAR ET
Birth Ident: FHFJ-15-154 (516504)
Breed: PA A16 G3 S✓ D✓
Genomic Indicator:

BW ($):		31/80	Lwt BV (kg):		65/59
Protein BV (kg):		21/85	Fertility BV (%):		-4.2/78
Fat BV (kg):		22/85	Func Surv BV (%) :		-1.7/42
Milk BV (ltr):		810/87	SCC BV:		-0.09/86

MUSICA PKRX 15-37 S1A
Birth Ident: PKRX-15-37
Breed: SA A13J2 B6-7
Genomic Indicator:
BW ($): 62/58 PW ($): 112/76

Age		Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
5 yr 11 m	D	4379	3.73	164	5.60	245	211	176
4 yr 11 m		5240	3.95	207	4.82	253	267	32
4 yr 0 m		4601	3.90	180	5.06	233	229	55
2 yr 11 m		3926	4.00	157	5.01	197	212	45
1 yr 11 m		4078	3.83	156	5.20	212	273	170
Avg	D	4445	3.89	173	5.13	228	238	5 Lacts.

OJANIITYN RUMBA
Oseas HB No: 000000042644/FIN (508533)
Breed: PA A16
Genomic Indicator: BW ($): -61/83

SANROSA DELLA 06-128
Birth Ident: BNNL-06-128
Breed : PA A16 E8-8 S✓D✓
Genomic Indicator:
BW ($): -90/79 PW ($): 339/84

10 Lacts.	Milk	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
	8506	3.73	317	4.21	358	285

CARMELGLEN BRODY
Birth Ident: FRQW-03-58 (504534)
Breed : PA A16 S✓D✓
Genomic Indicator: BW ($): -28/99

MUSICA 11-23
Birth Ident: JMPR-11-23
Breed : PA A16
Genomic Indicator:
BW ($) : 77/55 PW ($): 224/65

2 Lacts.	Milk	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
D	4601	3.58	165	4.48	206	252

SOUTHWIND ISABRO
Birth Ident: BNHY-09-38 (510551)
Breed: PA A16 S✓D✓
Genomic Indicator: BW ($): 15/92

SANROSA SNOWIE 11-260 ET
Birth Ident: BNNL-11-260
Breed: PA A16 V6-7 S✓D✓
Genomic Indicator:
BW ($): 81/75 PW ($): 485/81

6 Lacts.	Milk	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
D	8594	3.93	338	5.24	450	296

LODORE SRP SNAZZY ET
Birth Ident: CHDD-09-10 (510663)
Breed: PA A16 S✓D✓
Genomic Indicator: BW ($): 57/97

MUSICA 06-18 S1A
Birth Ident: JMPR-06-18
Breed: SA A10J4
Genomic Indicator:
BW ($): -25/61 PW ($): 113/78

9 Lacts.	Milk	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
	5913	3.57	211	4.30	254	259

The information on this report is as recorded on the LIC MINDA database as at date of print, and LIC does not warrant the accuracy of the information provided

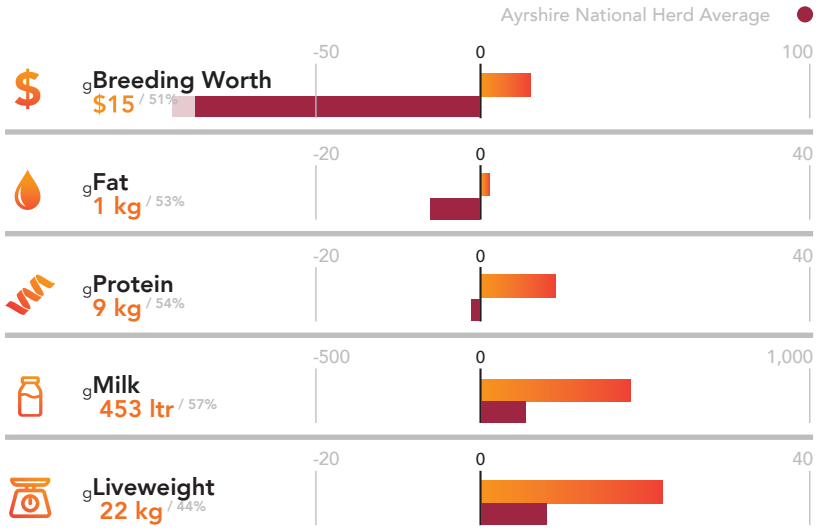
N = Induced T = At least 1 Abnormal Test in this Lactation
D = Lactation details include at least one derived test
= GeneMark DNA Profiled # = Parentage Uncertain D / S ✓ = Parentage Confirmed by DNA
g Indices evaluated by LIC using genomic information

gBW
15
REL: 51%

MUSICA SS MALONE

AB CODE: **522503** **A2A2**

SIRE: Iwa Super Sonic
DAM: Musica 13-25, V7-8



LIC Data Source 30/04/2022

Musica SS Malone

A Super Sonic son although lower on his fat BV, is higher wih his milk BV and has the highest Udder Overall index of the four Super Sonic sons in this lineup.

UNPROVEN BULL

P001.50 Official Publication of Livestock Improvement Corporation Limited and the NZ Ayrshire Association. Internal Animal Key = 43452488

Three Generation Pedigree

NZ Ayrshire Association
New Zealand

AE Herd Averages as at
Ancestry : BW : PW :

PTPT / HERDCODE :
LOCATION :
DATE : 4/05/2022

Breeder : **Ackermann Ltd**
Owner : **Livestock Improvement Co Ltd**

REGISTERED AYRSHIRE

G3 S✓ D✓

MUSICA SS MALONE

Birth Ident: JMPR-21-29 (522503)

Sex :	**MALE**
Breed :	**PA A16**
Date of Birth :	**3/09/2021**
Genomic Indicator:	
BW ($):	**15/51**
Protein BV (kg):	**9/54**
Fat BV (kg):	**1/53**
Milk BV (ltr):	**453/57**
Liveweight BV (kg):	**22/44**
Fertility BV (%):	**-0.6/52**
Functional Survival BV (%):	**0.5/22**
Somatic Cell BV:	**-0.43/56**
Overall Opinion BV:	**0.09/30**
Udder Overall BV:	**0.48/39**
Dairy Conformation BV:	**0.27/35**
Fat %:	**4.3**
Protein %:	**3.6**

IWA SUPER SONIC

Birth Ident: BNNL-14-9260 (515503)

Breed : **PA A16** G3 S✓ D✓
Genomic Indicator:

BW ($):	**134/81**
Protein BV (kg):	**11/86**
Fat BV (kg):	**23/86**
Milk BV (ltr):	**347/88**
Liveweight BV (kg):	**21/68**
Fertility BV (%):	**-3.4/79**
Functional Survival BV (%):	**0.2/42**
Somatic Cell BV:	**-0.63/86**
Fat %:	**4.9**
Protein %:	**3.7**

MUSICA 13-25

Birth Ident: JMPR-13-25 V7-8

Breed: **PA A16** G3 S✓

Genomic		PW ($):	**293/77**
BW ($):	**49/61**	Lwt BV (kg):	**15/42**
Protein BV (kg):	**16/64**	Fertility BV (%):	**-5.1/65**
Fat BV (kg):	**11/65**	Func Surv BV (%) :	**1.0/44**
Milk BV (ltr):	**686/67**	SCC BV:	**-0.12/66**

Age		Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
8 yr 4 m	D	6260	3.68	230	4.07	255	250	186
7 yr 4 m		7683	3.57	274	3.93	302	289	128
5 yr 11 m		7069	3.73	264	4.13	292	305	99
5 yr 0 m		7179	3.85	277	3.99	286	286	239
4 yr 1 m		6116	3.52	215	4.51	276	253	240
2 yr 11 m		6812	3.74	255	4.24	289	303	377
1 yr 11 m		4901	3.56	174	4.90	240	302	277
Avg	D	6574	3.67	241	4.22	277	284	7 Lacts.

Traits other than production (2016)

AM	ST	MS	OO	S	W	C	RA	R	L	US	FU	RU	FT	RT	TL	UO	DC
0	0	0	0	7	6	8	5	7	6	7	7	7	5	6		7	8

SALT SPRAY BONNY GEORGE

Birth Ident: DYNX-04-46 (505545)

Breed: **PA A16** G3
Genomic Indicator:

BW ($):	**-55/96**	Lwt BV (kg):	**1/90**
Protein BV (kg):	**3/98**	Fertility BV (%):	**-10.3/95**
Fat BV (kg):	**-5/98**	Func Surv BV (%) :	**1.9/80**
Milk BV (ltr):	**270/99**	SCC BV:	**-0.62/98**

SANROSA SNOWIE 11-260 ET

Birth Ident: BNNL-11-260 V6-7

Breed: **PA A16** G3 S✓ D✓
Genomic Indicator
BW ($): **81/75** PW ($): **485/81**

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
8 yr 0 m	10058	3.92	395	4.80	482	305	330
7 yr 0 m	8855	3.97	351	5.20	461	295	319
6 yr 0 m	7977	3.87	309	4.89	390	291	272
5 yr 0 m	9241	3.95	365	5.52	510	297	349
3 yr 0 m	8144	3.86	314	5.34	435	287	371
	Plus 1 unprinted lactation						
Avg	8594	3.93	338	5.24	450	296	6 Lacts.

CARMELGLEN BRODY

Birth Ident: FRQW-03-58 (504534)

Breed: **PA A16** G3,G1 S✓ D✓
Genomic Indicator:

BW ($):	**-28/99**	Lwt BV (kg):	**41/99**
Protein BV (kg):	**8/99**	Fertility BV (%):	**-5.2/99**
Fat BV (kg):	**9/99**	Func Surv BV (%) :	**0.4/97**
Milk BV (ltr):	**362/99**	SCC BV:	**-0.03/99**

MUSICA 11-23

Birth Ident: JMPR-11-23

Breed: **PA A16**
Genomic Indicator:
BW ($): **77/55** PW ($): **224/65**

Age		Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
3 yr 6 m		4552	3.64	166	4.52	206	199	333
2 yr 0 m	D	4649	3.52	164	4.44	207	305	103
Avg	D	4601	3.58	165	4.48	206	252	2 Lacts.

GOLDWYN FOLLY SULTAN
Birth Ident: WGR-96-6 (500599)
Breed: **PA A16**
Genomic Indicator: BW ($): **-175/95**

KITEROA BONNY GLUCOSE
Birth Ident: MVV-98-6
Breed : **PA A16** **EX3**
Genomic Indicator:
BW ($): **-125/69** PW ($): **-66/80**

9 Lacts.	Milk (kg)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
	5614	3.52	198	3.91	220	270

ASMO TOSIKKO ET
Oseas HB No: 000000043642/FIN (510634)
Breed : **PA A16**
Genomic Indicator: BW ($): **-56/97**

LODORE PHILS SNOWIE
Birth Ident: CHDD-06-59
Breed : **PA A16** **VHC** S✓
Genomic Indicator:
BW ($) : **-39/87** PW ($): **559/79**

3 Lacts.	Milk (kg)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
	7896	3.66	289	4.89	386	269

HIRVIVAINION JULLI
Oseas HB No: 000000040198/FIN (61702)
Breed: **PA A16**
Genomic Indicator: BW ($): **-118/98**

CARMELGLEN BRIGITTE
Birth Ident: FRQW-00-47
Breed: **PA A16** **EXC** S✓
Genomic Indicator:
BW ($): **5/77** PW ($): **276/84**

10 Lacts.	Milk (kg)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
	5333	3.56	190	4.12	220	252

SOUTHWIND JARMO
Birth Ident: BNHY-03-16 (504522)
Breed: **PA A16** S✓D✓
Genomic Indicator: BW ($): **75/98**

MUSICA LEGACY
Birth Ident: JMPR-04-14
Breed: **PA A16** **V6-8**
Genomic Indicator:
BW ($): **26/59** PW ($): **130/77**

9 Lacts.	Milk (kg)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
	4674	4.07	190	4.75	222	258

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N = Induced T = At least 1 Abnormal Test in this Lactation
D = Lactation details include at least one derived test

= GeneMark DNA Profiled # = Parentage Uncertain D / S ✓ = Parentage Confirmed by DNA
g Indices evaluated by LIC using genomic information

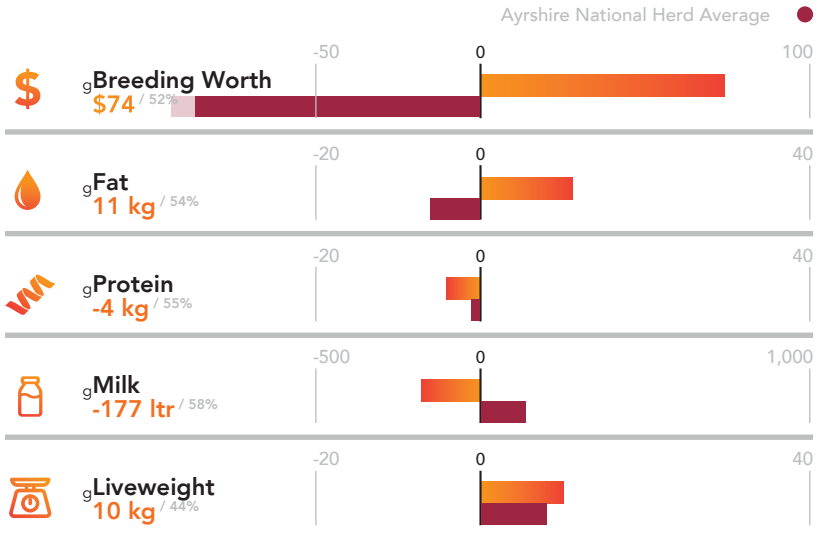
P001.50

gBW
74
REL: 52%

PA HILL SONIC IRA-ET

AB CODE: **522504** **A1A2**

SIRE: Iwa Super Sonic
DAM: Pa Hill Astute Irma ET, V7-8



Data Source
24/04/2021

Pa Hill Sonic Ira-ET

Sonic Ira the second Sonic son and a female line at Pa Hill that has excelled in the herd. Note the high LWs within that female line up to 363 and the expected fat and protein transmitted figures of 5.2% fat and 3.9% protein. Expected liveweight a little below average. May also be a good choice for yearling matings.

UNPROVEN BULL

P001.50 Official Publication of Livestock Improvement Corporation Limited and the NZ Ayrshire Association. Internal Animal Key = 42736243

Three Generation Pedigree

NZ Ayrshire Association
New Zealand

AE Herd Averages as at
Ancestry : BW : PW :

PTPT / HERDCODE :
LOCATION :
DATE : 4/05/2022

Breeder : **Livestock Improvement Co Ltd**
Owner : **Livestock Improvement Co Ltd**

REGISTERED AYRSHIRE

G3 S✓ D✓

PA HILL SONIC IRA-ET

Birth Ident: FVDV-21-55 (522504)

Sex :	MALE
Breed :	PA A16
Date of Birth :	24/06/2021
Genomic Indicator:	
BW ($):	74/52
Protein BW (kg):	-4/55
Fat BW (kg):	11/54
Milk BW (ltr):	-177/58
Liveweight BW (kg):	10/44
Fertility BW (%):	-2.5/52
Functional Survival BW (%):	0.7/21
Somatic Cell BV:	-0.71/57
Overall Opinion BV:	0.28/30
Udder Overall BV:	0.35/40
Dairy Conformation BV:	0.06/36
Fat %:	5.2
Protein %:	3.9

IWA SUPER SONIC

Birth Ident: BNNL-14-9260 (515503)

Breed : PA A16 G3 S✓ D✓
Genomic Indicator:

BW ($):	134/81
Protein BW (kg):	11/86
Fat BW (kg):	23/86
Milk BW (ltr):	347/88
Liveweight BW (kg):	21/68
Fertility BW (%):	-3.4/79
Functional Survival BW (%):	0.2/42
Somatic Cell BV:	-0.63/86
Fat %:	4.9
Protein %:	3.7

PA HILL ASTUTE IRMA ET

Birth Ident: FVDV-12-65 V7-8

Breed: PA A16 G3 S✓ D✓
Genomic PW ($): 283/81
BW ($): 10/66 Lwt BW (kg): 8/52
Protein BW (kg): 7/71 Fertility BW (%): -15.2/62
Fat BW (kg): 15/71 Func Surv BW (%) : 1.0/34
Milk BW (ltr): 323/75 SCC BV: -0.52/72

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
9 yr 1 m	2997	3.13	94	3.83	115	216	157
7 yr 3 m	3726	3.28	122	3.96	148	292	74
6 yr 0 m	4498	3.36	151	4.27	192	305 T	313
4 yr 2 m	4404	3.33	147	4.27	188	305	162
3 yr 3 m	4279	3.28	140	4.06	174	250	244
2 yr 2 m	4465	3.37	150	4.55	203	305	363
Avg	4062	3.30	134	4.18	170	279	6 Lacts.

Traits other than production (2019)

AM	ST	MS	OO	S	W	C	RA	R	L	US	FU	RU	FT	RT	TL	UO	DC
0	0	0	0	6	5	8	5	7	6	7	7	7	5	6	5	7	8

SALT SPRAY BONNY GEORGE

Birth Ident: DYNX-04-46 (505545)

Breed: PA A16 G3
Genomic Indicator:

BW ($):	-55/96	Lwt BV (kg):	1/90
Protein BV (kg):	3/98	Fertility BV (%):	-10.3/95
Fat BV (kg):	-5/98	Func Surv BV (%) :	1.9/80
Milk BV (ltr):	270/99	SCC BV:	-0.62/98

SANROSA SNOWIE 11-260 ET

Birth Ident: BNNL-11-260 V6-7

Breed: PA A16 G3 S✓ D✓
Genomic Indicator
BW ($): 81/75 PW ($): 485/81

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
8 yr 0 m	10058	3.92	395	4.80	482	305	330
7 yr 0 m	8855	3.97	351	5.20	461	295	319
6 yr 0 m	7977	3.87	309	4.89	390	291	272
5 yr 0 m	9241	3.95	365	5.52	510	297	349
3 yr 0 m	8144	3.86	314	5.34	435	287	371
	Plus 1 unprinted lactation						
Avg	8594	3.93	338	5.24	450	296	6 Lacts.

WAERENGA BLAZE ASTUTE

Birth Ident: GGF-06-105 (507656)

Breed: PA A16 G3,G1
Genomic Indicator:

BW ($):	-81/97	Lwt BV (kg):	6/95
Protein BV (kg):	0/98	Fertility BV (%):	-13.5/95
Fat BV (kg):	-1/98	Func Surv BV (%) :	1.6/77
Milk BV (ltr):	140/98	SCC BV:	-0.27/98

PA HILL BRODY IRMA ET

Birth Ident: FVDV-09-13 V6-7

Breed: PA A16 G3 S✓ D✓
Genomic Indicator:
BW ($): 4/70 PW ($): 111/81

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
6 yr 7 m	4391	3.58	157	4.72	207	305	147
5 yr 3 m	4323	3.62	157	4.85	210	305	127
3 yr 7 m	3729	3.62	135	4.80	179	305	161
2 yr 4 m	3516	3.55	125	4.63	163	301	214
Avg	3989	3.59	143	4.76	190	304	4 Lacts.

GOLDWYN FOLLY SULTAN
Birth Ident: WGR-96-6 (500599)
Breed: PA A16
Genomic Indicator: BW ($): -175/95

KITEROA BONNY GLUCOSE
Birth Ident: MVV-98-6
Breed : PA A16 EX3
Genomic Indicator:
BW ($): -125/69 PW ($): -66/80

9 Lacts.	Protein		Milkfat		
Milk	(%)	(kg)	(%)	(kg)	Days
5614	3.52	198	3.91	220	270

ASMO TOSIKKO ET
Oseas HB No: 000000043642/FIN (510634)
Breed : PA A16
Genomic Indicator: BW ($): -56/97

LODORE PHILS SNOWIE
Birth Ident: CHDD-06-59
Breed : PA A16 VHC S✓
Genomic Indicator:
BW ($) : -39/87 PW ($): 559/79

3 Lacts.	Protein		Milkfat		
Milk	(%)	(kg)	(%)	(kg)	Days
7896	3.66	289	4.89	386	269

VALENDALE BLAZE
Birth Ident: FTB-99-44 (500533)
Breed: PA A16 S✓D✓
Genomic Indicator: BW ($): -113/98

WAERENGA MILKY ASTER
Birth Ident: GGF-98-18
Breed: PA A16 VHC
Genomic Indicator:
BW ($): -48/68 PW ($): 187/79

6 Lacts.	Protein		Milkfat		
Milk	(%)	(kg)	(%)	(kg)	Days
5199	3.55	185	4.77	248	272

CARMELGLEN BRODY
Birth Ident: FRQW-03-58 (504534)
Breed: PA A16 S✓D✓
Genomic Indicator: BW ($): -28/99

SOUTHWIND IMAKEIKO
Birth Ident: BNHY-03-41
Breed: PA A16 VHC S✓
Genomic Indicator:
BW ($): 8/76 PW ($): 58/84

5 Lacts.	Protein		Milkfat		
Milk	(%)	(kg)	(%)	(kg)	Days
3551	3.83	136	4.69	166	297

The information on this report is as recorded on the LIC MINDA database as at date of print, and LIC does not warrant the accuracy of the information provided

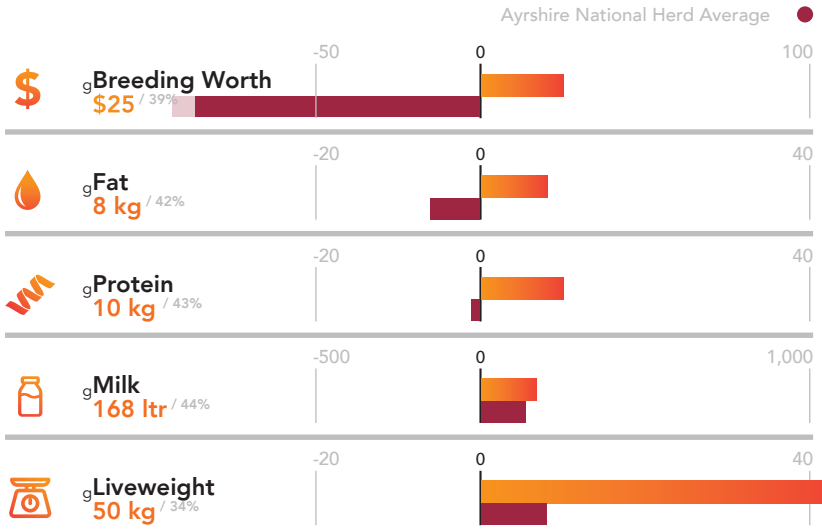
N = Induced T = At least 1 Abnormal Test in this Lactation
D = Lactation values include at least 1 derived test
= GeneMark DNA Profiled # = Parentage Uncertain D / S ✓ = Parentage Confirmed by DNA
g Indices evaluated by LIC using genomic information

gBW
25
REL: 39%

SANROSA CARMICHAEL

AB CODE: **522505** **A2A2**

SIRE: VR Viking Viljar Vario
DAM: Sanrosa Carmel 18-155, B6-8



LIC Data Source 30/04/2022

Sanrosa Carmichael

The second Vario son, this time from the high producing Carmel family at Sanrosa. The dam being a Deacon daughter tieing in another high production and type family. Dam 591 MS at 2 years, Grand Dam 776 MS at 5 years. Carmichael is an A2A2.

UNPROVEN BULL

P001.50 Official Publication of Livestock Improvement Corporation Limited and the NZ Ayrshire Association. Internal Animal Key = 43590922

Three Generation Pedigree

NZ Ayrshire Association
New Zealand

Herd Averages as at
Ancestry : BW : PW :

PTPT / HERDCODE :
LOCATION :
DATE : 4/05/2022

REGISTERED AYRSHIRE

G3 S✓ D✓

SANROSA CARMICHAEL

Birth Ident: BNNL-21-155 (522505)

Sex :	MALE
Breed :	PA A16
Date of Birth :	1/09/2021
Genomic Indicator:	
BW ($):	25/39
Protein BV (kg):	10/43
Fat BV (kg):	8/42
Milk BV (ltr):	168/44
Liveweight BV (kg):	50/34
Fertility BV (%):	-4.1/31
Functional Survival BV (%):	0.7/12
Somatic Cell BV:	-0.44/45
Overall Opinion BV:	0.32/19
Udder Overall BV:	0.36/31
Dairy Conformation BV:	0.50/23
Fat %:	4.8
Protein %:	3.9

VR VIKING VILJAR VARIO

Oseas HB No: 000000048180/DNK (520583)

Breed : PA A16 G3
Genomic Indicator:

BW ($):	-86/35
Protein BV (kg):	-5/36
Fat BV (kg):	-12/37
Milk BV (ltr):	-194/37
Liveweight BV (kg):	46/39
Fertility BV (%):	-1.6/23
Functional Survival BV (%):	0.2/26
Somatic Cell BV:	-0.74/38
Fat %:	4.7
Protein %:	3.8

SANROSA CARMEL 18-155

Birth Ident: BNNL-18-155 B6-8

Breed: PA A16 G3 S✓ D✓

Genomic			PW ($):		112/68
BW ($):	37/60		Lwt BV (kg):		12/48
Protein BV (kg):	18/65		Fertility BV (%):		-12.4/55
Fat BV (kg):	21/65		Func Surv BV (%) :		-0.2/24
Milk BV (ltr):	739/66		SCC BV:		-0.09/65

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
3 yr 0 m	6339	3.65	231	3.92	248	210	16
2 yr 0 m	7429	3.56	265	4.39	326	272	65
Avg	6884	3.60	248	4.17	287	241	2 Lacts.

Traits other than production (2020)

AM	ST	MS	OO	S	W	C	RA	R	L	US	FU	RU	FT	RT	TL	UO	DC
6	7	6	8	6	7	9	5	5	6	6	6	6	5	6	3	6	8

VR KUUSELAN VIMUR VILJAR

Oseas HB No: 000000047674/FIN (518720)

Breed: PA A16 G3
Genomic Indicator:

BW ($):	-14/72	Lwt BV (kg):	42/42
Protein BV (kg):	-1/81	Fertility BV (%):	-1.3/57
Fat BV (kg):	-9/82	Func Surv BV (%) :	2.3/43
Milk BV (ltr):	-42/84	SCC BV:	-1.29/84

VANHA UOTILAN NATTI

Oseas HB No: 000011902402/FIN

Breed: AO A10O6
Genomic Indicator
BW ($): PW ($):

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW

SANROSA DEACON ET

Birth Ident: BNNL-12-137 (513521)

Breed: PA A16 G3 S✓ D✓
Genomic Indicator:

BW ($):	75/95	Lwt BV (kg):	17/90
Protein BV (kg):	24/96	Fertility BV (%):	-11.3/91
Fat BV (kg):	25/96	Func Surv BV (%) :	-0.9/58
Milk BV (ltr):	663/97	SCC BV:	0.09/98

SANROSA CARMEL 14-70

Birth Ident: BNNL-14-70 V7-8

Breed: PA A16 G3 S✓ D✓
Genomic Indicator:
BW ($): -1/55 PW ($): 142/72

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
4 yr 11 m	10645	3.41	363	3.88	413	296	115
4 yr 0 m	9434	3.45	326	4.07	384	281	87
2 yr 11 m	7836	3.31	259	4.09	320	283	92
1 yr 11 m	6660	3.44	229	4.23	282	293	27
Avg	8644	3.41	294	4.05	350	288	4 Lacts.

VR IDALA VALPAS VIMUR R
Oseas HB No: 000000099716/SWE
Breed: A A16
Genomic Indicator: BW ($): -89/57

371 ASMO LUCKYKYMPPL ET
Oseas HB No: 000113629190/FIN
Breed : A A16
Genomic Indicator:
BW ($): PW ($):

Milk	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days

VR FABER
Oseas HB No: 000000037468/DNK (515567)
Breed : OA O12A4
Genomic Indicator: BW ($): -34/68

JAMPTI
Oseas HB No: 000010638701/FIN
Breed : A A16
Genomic Indicator:
BW ($) : PW ($):

Milk	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days

ASMO TOSIKKO ET
Oseas HB No: 000000043642/FIN (510634)
Breed: PA A16
Genomic Indicator: BW ($): -56/97

SANROSA DELLA 06-128
Birth Ident: BNNL-06-128
Breed: PA A16 E8-8 S✓D✓
Genomic Indicator:
BW ($): -90/79 PW ($): 339/84

10 Lacts. Milk	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
8506	3.73	317	4.21	358	285

SANROSA DANNY BOY
Birth Ident: BNNL-12-136 (513520)
Breed: PA A16 S✓D✓
Genomic Indicator: BW ($): -41/89

SANROSA CARMEL 09-112
Birth Ident: BNNL-09-112
Breed: PA A16 V7-8 S✓D✓
Genomic Indicator:
BW ($): -14/63 PW ($): 203/78

9 Lacts. Milk	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days
7230	3.66	265	4.52	326	263

The information on this report is as recorded on the LIC MINDA database as at date of print, and LIC does not warrant the accuracy of the information provided

N = Induced T = At least 1 Abnormal Test in this Lactation
D = Lactation values include at least 1 derived test
= GeneMark DNA Profiled # = Parentage Uncertain D / S ✓ = Parentage Confirmed by DNA
g Indices evaluated by LIC using genomic information

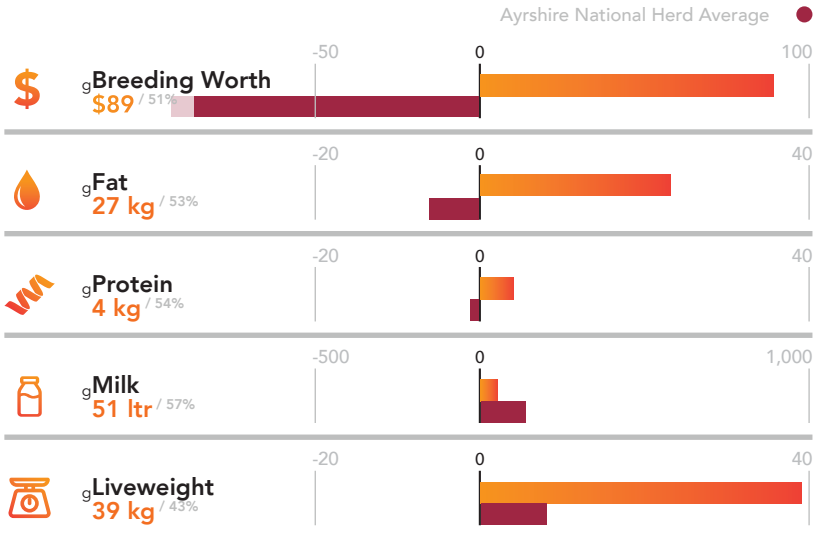
P001.50

TE MATAI GUNNER

gBW 89 REL: 51%

AB CODE: **522506** **A1A2**

SIRE: Iwa Super Sonic
DAM: Lodore Isa Glenice ET, V7-7



LIC Data Source 24/04/2021

Te Matai Gunner

Gunner another Sonic son that has shone out with genomics. From a well proven female line at Lodore with the dam continuing that trend at the Te Matai stud. Excellent transmitted fat and protein precentages of 5.3% & 3.8% respectively. Note the longetivity of the dams line.

UNPROVEN BULL

P001.50 Official Publication of Livestock Improvement Corporation Limited and the NZ Ayrshire Association. Internal Animal Key = 42780063

Three Generation Pedigree

NZ Ayrshire Association
New Zealand

Herd Averages as at
Ancestry : BW : PW :

PTPT / HERDCODE :
LOCATION :
DATE : 4/05/2022

REGISTERED AYRSHIRE

G3 S✓ D✓

TE MATAI GUNNER

Birth Ident: DVNJ-21-100 (522506)

Sex :	MALE
Breed :	PA A16
Date of Birth :	15/07/2021
Genomic Indicator:	
BW ($):	89/51
Protein BV (kg):	4/54
Fat BV (kg):	27/53
Milk BV (ltr):	51/57
Liveweight BV (kg):	39/43
Fertility BV (%):	-4.5/51
Functional Survival BV (%):	0.1/18
Somatic Cell BV:	-0.22/55
Overall Opinion BV:	0.37/27
Udder Overall BV:	0.15/36
Dairy Conformation BV:	0.22/32
Fat %:	5.3
Protein %:	3.8

The information on this report is as recorded on the LIC MINDA database as at date of print, and LIC does not warrant the accuracy of the information provided

IWA SUPER SONIC

Birth Ident: BNNL-14-9260 (515503)

Breed : PA A16 G3 S✓ D✓
Genomic Indicator:

BW ($):	134/81
Protein BV (kg):	11/86
Fat BV (kg):	23/86
Milk BV (ltr):	347/88
Liveweight BV (kg):	21/68
Fertility BV (%):	-3.4/79
Functional Survival BV (%):	0.2/42
Somatic Cell BV:	-0.63/86
Fat %:	4.9
Protein %:	3.7

LODORE ISA GLENICE ET

Birth Ident: CHDD-15-7 V7-7

Breed: PA A16 G3 S✓ D✓

Genomic		PW ($):	89/78
BW ($):	52/63	Lwt BV (kg):	53/50
Protein BV (kg):	13/68	Fertility BV (%):	-0.9/63
Fat BV (kg):	21/68	Func Surv BV (%) :	0.1/28
Milk BV (ltr):	465/71	SCC BV:	-0.10/68

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
6 yr 0 m	6903	3.57	247	4.99	345	283	229
5 yr 0 m	4824	3.63	175	5.40	260	258	2
4 yr 0 m	4645	3.80	177	5.08	236	232	117
3 yr 1 m	3620	3.64	132	5.07	184	212	47
2 yr 0 m	3494	3.60	126	5.20	182	236	129
Avg	4697	3.65	171	5.14	241	244	5 Lacts.

Traits other than production (2019)

AM	ST	MS	OO	S	W	C	RA	R	L	US	FU	RU	FT	RT	TL	UO	DC
0	0	0	0	6	6	7	5	7	6	7	7	8	5	5	4	7	7

SALT SPRAY BONNY GEORGE

Birth Ident: DYNX-04-46 (505545)

Breed: PA A16 G3
Genomic Indicator:

BW ($):	-55/96	Lwt BV (kg):	1/90
Protein BV (kg):	3/98	Fertility BV (%):	-10.3/95
Fat BV (kg):	-5/98	Func Surv BV (%) :	1.9/80
Milk BV (ltr):	270/99	SCC BV:	-0.62/98

SANROSA SNOWIE 11-260 ET

Birth Ident: BNNL-11-260 V6-7

Breed: PA A16 G3 S✓ D✓
Genomic Indicator

BW ($):	81/75	PW ($):	485/81

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
8 yr 0 m	10058	3.92	395	4.80	482	305	330
7 yr 0 m	8855	3.97	351	5.20	461	295	319
6 yr 0 m	7977	3.87	309	4.89	390	291	272
5 yr 0 m	9241	3.95	365	5.52	510	297	349
3 yr 0 m	8144	3.86	314	5.34	435	287	371
	Plus 1 unprinted lactation						
Avg	8594	3.93	338	5.24	450	296	6 Lacts.

SOUTHWIND ISABRO

Birth Ident: BNHY-09-38 (510551)

Breed: PA A16 G3 S✓ D✓
Genomic Indicator:

BW ($):	15/92	Lwt BV (kg):	56/84
Protein BV (kg):	25/94	Fertility BV (%):	-5.1/89
Fat BV (kg):	16/95	Func Surv BV (%) :	0.1/59
Milk BV (ltr):	755/95	SCC BV:	0.11/95

LODORE JOHDES GLENICE

Birth Ident: CHDD-01-78 EX2

Breed: PA A16 G3
Genomic Indicator:

BW ($):	-41/74	PW ($):	217/82

Age	Milk (ltr)	Protein (%)	Protein (kg)	Milkfat (%)	Milkfat (kg)	Days	LW
14 yr 1 m	3439	3.26	112	4.47	154	192	-171
12 yr 0 m	7027	3.57	251	4.70	330	286	266
11 yr 0 m	5280	3.62	191	4.75	251	297	106
10 yr 0 m	6499	3.73	242	4.61	300	295	173
9 yr 1 m	5833	3.55	207	4.87	284	255	189
	Plus 7 unprinted lactations						
Avg	5399	3.59	194	4.75	257	265	12 Lacts.

GOLDWYN FOLLY SULTAN

Birth Ident: WGR-96-6 (500599)
Breed: PA A16
Genomic Indicator: BW ($): -175/95

KITEROA BONNY GLUCOSE

Birth Ident: MVV-98-6
Breed : PA A16 EX3
Genomic Indicator:
BW ($): -125/69 PW ($): -66/80

9 Lacts.	Protein		Milkfat		
Milk	(%)	(kg)	(%)	(kg)	Days
5614	3.52	198	3.91	220	270

ASMO TOSIKKO ET

Oseas HB No: 000000043642/FIN (510634)
Breed : PA A16
Genomic Indicator: BW ($): -56/97

LODORE PHILS SNOWIE

Birth Ident: CHDD-06-59
Breed : PA A16 VHC S✓
Genomic Indicator:
BW ($) : -39/87 PW ($): 559/79

3 Lacts.	Protein		Milkfat		
Milk	(%)	(kg)	(%)	(kg)	Days
7896	3.66	289	4.69	386	269

CARMELGLEN BRODY

Birth Ident: FRQW-03-58 (504534)
Breed: PA A16 S✓D✓
Genomic Indicator: BW ($): -28/99

SOUTHWIND ISABELLE

Birth Ident: BNHY-01-32
Breed: PA A16 VHC S✓
Genomic Indicator:
BW ($): 19/77 PW ($): 268/84

11 Lacts.	Protein		Milkfat		
Milk	(%)	(kg)	(%)	(kg)	Days
6195	3.70	229	5.12	317	269

RISTITIEN JOHDE

Oseas HB No: 000000040061/FIN (500592)
Breed: PA A16
Genomic Indicator: BW ($): -154/95

LODORE LADS GLENELLA

Birth Ident: CHDD-90-19
Breed: PA A16 VHC
Genomic Indicator:
BW ($): -69/76 PW ($): 51/87

13 Lacts.	Protein		Milkfat		
Milk	(%)	(kg)	(%)	(kg)	Days
4650	3.61	168	4.41	205	258

N = Induced T = At least 1 Abnormal Test in this Lactation
D = Lactation values include at least 1 derived test

S = GeneMark DNA Profiled # = Parentage Uncertain D / S ✓ = Parentage Confirmed by DNA
g Indices evaluated by LIC using genomic information

P001.50

SEMAYR
Breeding Services

Introduce the...

Proven Sires

ALL SEMEN MUST BE ORDERED THROUGH YOUR LIC AGRI MANAGER

$21.95 +GST **INDIVIDUALLY NOMINATED** per straw

$18.18 +GST **AYRSHIRE PAKS FROM** per straw

PRICE UNLESS SPECIFIED

NATIONAL AYRSHIRE AVERAGES

These statistics are calculated by LIC. Production and TOP information includes all current cows in the national herd (ie. Animals signed up for herd testing with 80 or more numbered cows current in the herd aged over 490 days), whereas the calving difficulty BV, which is a sire trait, is based on all enrolled bulls , with a BW reliability of at least 60%, at least 20 herd tested daughters and at least one two-year old daughter milking in the last 5 years

TRAITS OTHER THAN PRODUCTION

Adaptability to Milking	0.20
Shed Temperament	0.21
Milking Speed	0.00
Overall Opinion	0.18
Stature	-0.11
Capacity	0.29
Rump Angle	0.31
Rump Width	-0.11
Legs	0.02
Udder Support	0.10
Front Udder	0.12
Rear Udder	-0.07
Front Teat Placement	0.12
Rear Teat Placement	0.11
Teat Length	-0.30
Udder Overall	0.09
Dairy Conformation	0.14

PRODUCTION BVs

Breeding Worth ($)	-94
Protein (Kg)	-1
Milkfat (Kg)	-6
Milk Volume (Litres)	133
Liveweight (Kg)	8
Fertility (%)	-8.0
Somatic Cell (Score)	-0.19
Functional Survival	-0.1
Body Condition (Score)	-0.02

SIRE BREED AVERAGE

Heifer Calving Difficulty (%)	-0.3
Cow Calving Difficulty (%)	-0.2

30/04/2022

IWA SUPER SONIC

AB CODE: **515503**

BW
134
REL: 81%

A2A2

SIRE: Salt Spray Bonny George
DAM: Sanrosa Snowie 11-260 ET, V6-7

Iwa Super Sonic daughter

Iwa Super Sonic

Daughters are average size, good production and with very good udders. Our highest ranked sire on BW (profitability). Note the calving difficulty figure of -2.1, making him a great choice for yearling matings, as well as for herd matings. Also available in sexed female semen (frozen). An A2A2 sire.

TOP Breeding Values

DAUGHTERS: 58 HERDS: 29

MANAGEMENT		-1 -0.5 0 0.5 1	
Adaptability to Milking	0.27	SLOWLY	QUICKLY
Shed Temperament	0.29	NERVOUS	PLACID
Milking Speed	-0.16	SLOW	FAST
Overall Farmer Opinion	0.22	UNDESIRABLE	DESIRABLE
CONFORMATION		-1 -0.5 0 0.5 1	
Stature	-0.34	SMALL	TALL
Dairy Capacity	0.32	FRAIL	CAPACIOUS
Rump Angle	0.11	HIGH PINS	SLOPING
Rump Width	-0.14	NARROW	WIDE
Legs	-0.03	STRAIGHT	CURVED
Udder Support	0.58	WEAK	STRONG
Front Udder	0.63	LOOSE	STRONG
Rear Udder	0.56	LOW	HIGH
Front Teat	0.21	WIDE	CLOSE
Rear Teat	0.28	WIDE	CLOSE
Teat Length	-0.12	SHORT	LONG
Udder Overall	0.65	UNDESIRABLE	DESIRABLE
Dairy Conformation	0.31	UNDESIRABLE	DESIRABLE

Breeding Values

Protein BV (kg)	11
Fat (kg)	23
Milk (ltr)	347
Liveweight (kg)	21
Somatic Cell	-0.63
Functional Survival	0
Fertility	-3.4
Protein %	3.7
Fat %	4.9
Body Condition Score	-0.1
Evaluation Date	30/04/2022

30/04/2022

SANROSA DALTON ET

AB CODE: **515514**

BW
-39
REL: 77%

A2A2

SIRE: Ojaniityn Rumba
DAM: Sanrosa Della 06-128, E8-8

Sanrosa Dalton ET daughter

Sanrosa Dalton ET

Leaves daughters that are capacious, average size and good production. His figures are very similar to his newly proven son Musica Polka who has had to be withdrawen because of injury. Dalton is also A2A2.

TOP Breeding Values

DAUGHTERS: 63 HERDS: 25

			-1 -0.5 0 0.5 1	
MANAGEMENT				
Adaptability to Milking	0.28	SLOWLY		QUICKLY
Shed Temperament	0.31	NERVOUS		PLACID
Milking Speed	-0.27	SLOW		FAST
Overall Farmer Opinion	0.19	UNDESIRABLE		DESIRABLE
CONFORMATION			-1 -0.5 0 0.5 1	
Stature	0.05	SMALL		TALL
Dairy Capacity	0.49	FRAIL		CAPACIOUS
Rump Angle	0.27	HIGH PINS		SLOPING
Rump Width	0.17	NARROW		WIDE
Legs	-0.02	STRAIGHT		CURVED
Udder Support	0.13	WEAK		STRONG
Front Udder	0.04	LOOSE		STRONG
Rear Udder	-0.05	LOW		HIGH
Front Teat	-0.18	WIDE		CLOSE
Rear Teat	0.15	WIDE		CLOSE
Teat Length	-0.87	SHORT		LONG
Udder Overall	-0.05	UNDESIRABLE		DESIRABLE
Dairy Conformation	0.33	UNDESIRABLE		DESIRABLE

Breeding Values

Protein BV (kg)	24
Fat (kg)	13
Milk (ltr)	694
Liveweight (kg)	61
Somatic Cell	-0.15
Functional Survival	0
Fertility	-11.7
Protein %	3.8
Fat %	4.4
Body Condition Score	-0.13
Evaluation Date	30/04/2022

30/04/2022

THORNTON PARK PETS EXPRES

AB CODE: **518511**

BW
9
REL: 63%

A2A2

SIRE: Goldwyn Pets Rumba ET
DAM: Waitui Brods KC, V6-9

Thornton Park Pets Expres

Thornton Park Pets Expres

Graduated this season, his daughters are very capacious, and with wide rump width. Couple this with tremendous udders and sound production. Expres is our highest bull when it comes to conformation transmitting ability +.80 for udder & +.67 for Dairy Conformation. Is an A2A2 sire.

TOP Breeding Values

DAUGHTERS: 56 HERDS: 22

MANAGEMENT			
Adaptability to Milking	0.58	SLOWLY	QUICKLY
Shed Temperament	0.59	NERVOUS	PLACID
Milking Speed	0.34	SLOW	FAST
Overall Farmer Opinion	0.55	UNDESIRABLE	DESIRABLE
CONFORMATION			
Stature	0.43	SMALL	TALL
Dairy Capacity	0.81	FRAIL	CAPACIOUS
Rump Angle	0.34	HIGH PINS	SLOPING
Rump Width	0.32	NARROW	WIDE
Legs	0.02	STRAIGHT	CURVED
Udder Support	0.68	WEAK	STRONG
Front Udder	0.67	LOOSE	STRONG
Rear Udder	0.48	LOW	HIGH
Front Teat	0.58	WIDE	CLOSE
Rear Teat	-0.87	WIDE	CLOSE
Teat Length	-0.86	SHORT	LONG
Udder Overall	0.81	UNDESIRABLE	DESIRABLE
Dairy Conformation	0.68	UNDESIRABLE	DESIRABLE

Breeding Values

Protein BV (kg)	12
Fat (kg)	18
Milk (ltr)	696
Liveweight (kg)	34
Somatic Cell	-0.09
Functional Survival	2
Fertility	-9.0
Protein %	3.5
Fat %	4.5
Body Condition Score	-0.1
Evaluation Date	30/04/2022

30/04/2022

IWA ISO CASTLEBAR ET

AB CODE: **516504**

BW
31
REL: 80%

A2A2

SIRE: Southwind Isabro
DAM: Sanrosa Snowie 11-260 ET, V6-7

Iwa Iso Castlebar ET daughter

Iwa Iso Castlebar ET

Leaving daughters that are capacious and have a will to work. Castlebar is currently our highest bull on production traits, also A2A2.

TOP Breeding Values

DAUGHTERS: 67 HERDS: 19

			-1 -0.5 0 0.5 1	
MANAGEMENT				
Adaptability to Milking	0.27	SLOWLY		QUICKLY
Shed Temperament	0.30	NERVOUS		PLACID
Milking Speed	-0.28	SLOW		FAST
Overall Farmer Opinion	0.18	UNDESIRABLE		DESIRABLE
CONFORMATION			-1 -0.5 0 0.5 1	
Stature	0.19	SMALL		TALL
Dairy Capacity	0.40	FRAIL		CAPACIOUS
Rump Angle	0.47	HIGH PINS		SLOPING
Rump Width	-0.11	NARROW		WIDE
Legs	0.03	STRAIGHT		CURVED
Udder Support	-0.16	WEAK		STRONG
Front Udder	-0.15	LOOSE		STRONG
Rear Udder	-0.16	LOW		HIGH
Front Teat	0.03	WIDE		CLOSE
Rear Teat	-0.13	WIDE		CLOSE
Teat Length	-0.63	SHORT		LONG
Udder Overall	-0.13	UNDESIRABLE		DESIRABLE
Dairy Conformation	0.14	UNDESIRABLE		DESIRABLE

Breeding Values

Protein BV (kg)	21
Fat (kg)	22
Milk (ltr)	810
Liveweight (kg)	65
Somatic Cell	-0.09
Functional Survival	-2
Fertility	-4.2
Protein %	3.6
Fat %	4.5
Body Condition Score	0.06
Evaluation Date	30/04/2022

30/04/2022

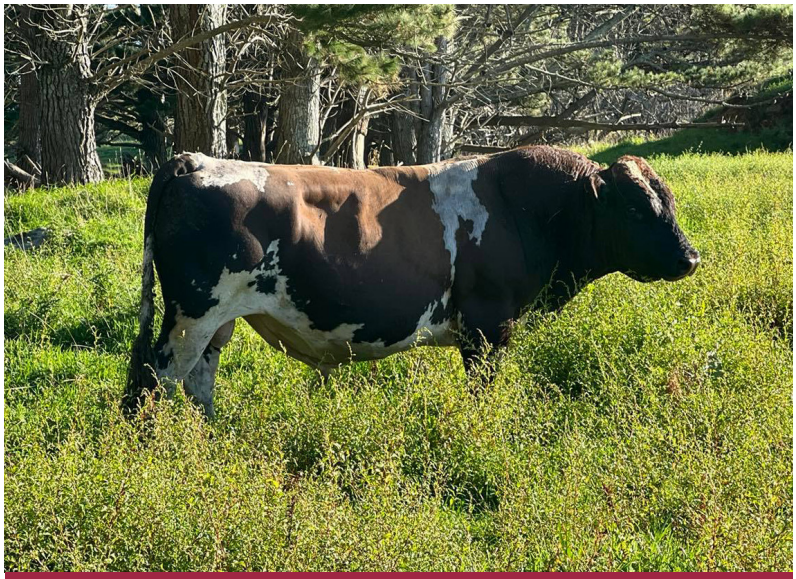
KAURI STERLING

AB CODE: **518501**

BW
67
REL: 68%

A1A2

SIRE: Southwind Jacks Quintin
DAM: Lodore Carters Snow ET V6-7



Kauri Sterling

Kauri Sterling

Leaving daughters a little below average size but transmitting more production than his sire Quintin. Note the high Fat and Protein percentages with Fat recording at 4.9% and Protein recording at 3.8%.

TOP Breeding Values

DAUGHTERS: 58 **HERDS: 18**

MANAGEMENT

Adaptability to Milking	0.30	SLOWLY	QUICKLY
Shed Temperament	0.30	NERVOUS	PLACID
Milking Speed	0.10	SLOW	FAST
Overall Farmer Opinion	0.35	UNDESIRABLE	DESIRABLE

CONFORMATION

Stature	-0.46	SMALL	TALL
Dairy Capacity	0.45	FRAIL	CAPACIOUS
Rump Angle	0.16	HIGH PINS	SLOPING
Rump Width	-0.31	NARROW	WIDE
Legs	0.09	STRAIGHT	CURVED
Udder Support	0.12	WEAK	STRONG
Front Udder	0.22	LOOSE	STRONG
Rear Udder	0.02	LOW	HIGH
Front Teat	0.22	WIDE	CLOSE
Rear Teat	0.26	WIDE	CLOSE
Teat Length	-0.26	SHORT	LONG
Udder Overall	0.17	UNDESIRABLE	DESIRABLE
Dairy Conformation	0.31	UNDESIRABLE	DESIRABLE

Breeding Values

Protein BV (kg)	11
Fat (kg)	18
Milk (ltr)	268
Liveweight (kg)	20
Somatic Cell	0.35
Functional Survival	2
Fertility	-3.4
Protein %	3.8
Fat %	4.9
Body Condition Score	-0.07
Evaluation Date	30/04/2022

30/04/2022

IWA DYNASTY

AB CODE: **518509**

BW
39
REL: 69%

A2A2

SIRE: Sanrosa Dynamo
DAM: Iwa Snowie 13-260, V7-8

Iwa Dynasty

Iwa Dynasty

Another new graduate this season. This bulls ancestry has very high production on both the dam & sire's side of this pedigree. Transmitting higher solid percentages of Fat 4.9% and 3.8% for protein. Another A2A2 sire.

TOP Breeding Values

DAUGHTERS: 56 HERDS: 20

			-1 -0.5 0 0.5 1	
MANAGEMENT				
Adaptability to Milking	0.33	SLOWLY		QUICKLY
Shed Temperament	0.34	NERVOUS		PLACID
Milking Speed	0.10	SLOW		FAST
Overall Farmer Opinion	0.30	UNDESIRABLE		DESIRABLE
CONFORMATION			-1 -0.5 0 0.5 1	
Stature	0.00	SMALL		TALL
Dairy Capacity	0.23	FRAIL		CAPACIOUS
Rump Angle	0.53	HIGH PINS		SLOPING
Rump Width	0.00	NARROW		WIDE
Legs	0.02	STRAIGHT		CURVED
Udder Support	0.03	WEAK		STRONG
Front Udder	0.17	LOOSE		STRONG
Rear Udder	-0.07	LOW		HIGH
Front Teat	-0.10	WIDE		CLOSE
Rear Teat	-0.19	WIDE		CLOSE
Teat Length	-0.75	SHORT		LONG
Udder Overall	0.00	UNDESIRABLE		DESIRABLE
Dairy Conformation	0.21	UNDESIRABLE		DESIRABLE

Breeding Values

Protein BV (kg)	10
Fat (kg)	18
Milk (ltr)	283
Liveweight (kg)	28
Somatic Cell	-0.33
Functional Survival	1
Fertility	-6.3
Protein %	3.8
Fat %	4.8
Body Condition Score	-0.12
Evaluation Date	30/04/2022

30/04/2022

UNDERSTANDING NZ INFORMATION

An extract from the LIC Genetics Catalogue to help explain the components of a Sire Catalogue

Name

$gBW $135/81% REL

Production gBVs — 59 Daughters 30 Herds

Production Efficiency

Milkfat	Protein	Milk Volume	Liveweight
23 kg	11 kg	352	21 kg
4.9 %	3.7 %		

Robustness

Fertility	Somatic Cell Count	Body Condition Score	Functional Survival	Udder Overall
-3.4 %	-0.63	-0.01	0%	0.66

Other

Heifer Calving Difficulty	Cow Calving Difficulty	Gestation Length
-2.1%/69%	0.4%/91%	-1.3 days

TOP Traits — 25 Daughters TOP Inspected

Management	gBV	-.5	0	.5	1.0
Adapts to Milking	.22				
Shed Temperament	.24				
Milking Speed	-.16				
Overall Opinion	.17				
Conformation	**gBV**	**-.5**	**0**	**.5**	**1.0**
Stature	-.27				
Capacity	.34				
Rump Angle	.07				
Rump Width	-.14				
Legs	-.09				
Udder Support	.60				
Front Udder	.63				
Rear Udder	.56				
Front Teat Placement	.24				
Rear Teat Placement	.40				
Teat Length	-.17				
Udder Overall	.66				
Dairy Conformation	.32				

28/05/2022

LIC Initiatives

VMSW	1184	A2 Protein	A2A2
High Input	1187		

gBW/gBV are calculated by LIC

gBW/Rel

Using this bull at a gBW of $135 indicates that per 5t DM the replacements are expected to generate NZD $67.50 more net profit than using a sire with a gBW of 0.

The reliability of a sire is a measure of the amount of information behind the bulls gBW. The higher the reliability the less movement expected with his gBW.

Protein and Milkfat

A gBV of 23 kg indicates that the bull will produce daughters which on average, are genetically superior to the base cow by 11 kg per 5t dry matter consumed.

Liveweight

A gBV of 21 kg indicates by using this sire over the average cow in New Zealand his daughters are expected to have a mature liveweight 10kg heavier than the base cow of 500 kg. Because Breeding Values (gBV) are calculated across breed you would expect a Holstein Friesian to have a much higher (positive) gBV for liveweight and you would expect Jerseys to have a lower (negative) gBV.

Fertility

A gBV of -3.4% indicates that -1.7% more daughters are expected to calve in the first 42 days of a herds calving period, compared to a bull of 0.

As an industry New Zealand has a tighter calving pattern than dairy industries worldwide. Highly fertile cows have been necessary to achieve this. It is generally accepted that the New Zealand base cow is far more fertile than any other countries base.

Milk

A gBV of 352 litres indicates the bull will produce daughters which on average will produce 176 litres more than the base cow per 5t of dry matter fed. Remember the gBV is across breeds so Jersey and Crossbred animals may show a negative gBV.

Functional Survival

The likely percentage of cows surviving to the next lactation independent of culling for low production or poor fertility (For example a bull with a gBV of 0% means, on average, we expect his daughters to have a 0% higher probability of surviving to the next lactation than a bull with a gBV of 0)

Somatic Cell Count

A useful approximation for farmers to note, is that a difference between two sires of 0.5 in breeding value equates to a difference in expected daughter performance of 35,000 bulk milk count. The lower the SCC gBV the better as you want to reduce the bulk milk SCC.

Shed Temperament

A gBV of 0.00 indicates that the bull will produce daughters which on average, are genetically the same as the base cow. (For example by using a bull with a shed temperament of 0.24 the raw score for his daughters on average is expected to be 6.28 + 0.12 = 6.4 from a linear score of 9).

Ayrshire NZ Note Regarding Liveweight

Please note that the BV calculation for liveweight no longer contains TOP data, but is calculated solely on ancestry data in the absence of actual weights. This lowers the reliability of Ayrshire bulls considerably.

Stature

Again as the gBV for a sire is comparing his progeny against the base cow which is across breed. Stature for Jerseys is usually negative and Holsteins are positive.

Calving Difficulty

A sires Calving Difficulty gBV compares the percentage of assisted calvings expected when he is mated to yearling heifers and cows, compared to a bull of 0.

A SCANDINAVIAN OPPORTUNITY

Proven bull

VR Stakkehave Viljar Vimo

521703

Born: 12-12-2017

A2A2

VR Vimo = VR Viljar x Rockstar x Fastrup

SIRE: VR VILJAR FIN47674

DAM: Stakkehave Rockstar Frosty DNK1652203030

VR STAKKEHAVE VILJAR VIMO

Is now a proven sire leaving very good production and has improved on his genomic information in the following areas - chest width, body depth, rump width and udder overall. Vimo's udder score has him ranked within the highest 2.5% of the breed in Scandanavia.

LIMITED NUMBER OF STRAWS

$22.00 +GST

Despatch fee $30 per order

ORDERS to AYRSHIRE NZ
info@ayrshire.org.nz
07 856 0816

Production Traits

Daughters: 285

Reliability 92%

Prod. Index	111
Milk, kg	92
Protein, kg	101
Protein %	118
Fat, kg	116
Fat %	131
Growth	101

Functional Traits

Daughters: 61

Reliability 74%

Milkability	96
Temperament	101

Health & Reproduction Traits

Daughters: 82

Reliability 77%

Daughter fertility	103
Calving sire	102
Calving maternal	104
Udder health	110
General health	103
Longevity	109
Hoof health	111
Youngstock survival	113

Conformation Traits

Daughters: 61

Reliability 74%

Frame	122		
Stature	113	low	high
Dairy form	103	coarse	angular
Chest width	120	narrow	wide
Body depth	119	shallow	deep
Rump width	113	narrow pins	wide pins
Rump angle	90	high pins	low pins
Top line	98	weak	strong
Feet and legs	104		
Rear legs, side view	97	straight	sickled
Rear legs, rear view	105	toes out	parallel
Foot angle	115	low	steep
Bone quality	95	coarse	fine and thin
Hock quality	97	filled	dry
Udder Overall	124		
Fore udder attachment	111	loose	strong
Rear udder height	103	low	high
Rear udder width	106	narrow	wide
Udder Suport	108	weak	strong
Udder depth	116	deep	shallow
Udder balance	126	low rear	strong front
Teat length	122	short	long
Teat thickness	117	thin	thick
Front teat placement	109	wide	close
Rear teat placement	104	wide	close

NAV Proof run date 7/06/2022

A SCANDINAVIAN OPPORTUNITY

Genomically selected young bull

VR VESTY

Born: 05-12-2019

A2A2

VR Vesty = Vimo x Froberg x Crone

VR VESTY

A genomic tested son of Vimo, Vesty excels in production making him #1 for production, while mantaining a high standard of conformation in other traits, paticularly in the udder. Please note that Vestys daughters are eligible for S2A registration status.

$22.00 +GST

Despatch fee $30 per order

ORDERS to AYRSHIRE NZ
info@ayrshire.org.nz
07 856 0816

SIRE: VR VIMO DNK38094

DAM: DNK000004102904544

Production Traits

Reliability 79%

Prod. Index	127
Milk, kg	105
Protein, kg	118
Protein %	120
Fat, kg	129
Fat %	129
Growth	102

Functional Traits

Reliability 68%

Milkability	114
Temperament	88

Health & Reproduction Traits

Reliability 70%

Daughter fertility	98
Calving sire	109
Calving maternal	107
Udder health	107
General health	99
Longevity	114
Hoof health	107
Youngstock survival	100

Conformation Traits

Reliability 68%

Frame	115		
Stature	107	low	high
Dairy form	108	coarse	angular
Chest width	109	narrow	wide
Body depth	109	shallow	deep
Rump width	115	narrow pins	wide pins
Rump angle	88	high pins	low pins
Top line	94	weak	strong
Feet and legs	107		
Rear legs, side view	102	straight	sickled
Rear legs, rear view	114	toes out	parallel
Foot angle	109	low	steep
Bone quality	97	coarse	fine and thin
Hock quality	99	filled	dry
Udder Overall	111		
Fore udder attachment	101	loose	strong
Rear udder height	107	low	high
Rear udder width	117	narrow	wide
Udder Suport	104	weak	strong
Udder depth	107	deep	shallow
Udder balance	118	low rear	strong front
Teat length	109	short	long
Teat thickness	107	thin	thick
Front teat placement	105	wide	close
Rear teat placement	95	wide	close

NAV Proof run date 7/06/2022

SEMAYR
Breeding Services

"SERIOUS ABOUT IMPROVING THE AYRSHIRE BREED"

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