





## WELCOME TO THE 2023 SEMAYR BREEDING SERVICES BROCHURE

SEMAYR – Serious about improving the Ayrshire breed.

This year genomics have been used as an aid within our selection of the young bulls. After an initial selection of 15 bulls we then were able to reduce them down to seven with the aid of genomics. The base used is that of the NZ dairy animal and as this is what we are comparing to, it makes sense to use this as our base.

In the team of six proven NZ based bulls we have three new graduates. This means that three of the team from last year have been moved to the 'also available' list if there is still semen available.

We are actively trying to keep a spread of genetics within the bulls offered while maintaining a high standard within our breed. Semayr also offers three bulls from Scandanavia, two the same as last years catalogue and the third bull Vioma P who carries the polled gene.

We believe that the standards set and used within Semayr are continuing improve the Ayrshire Breed in New Zealand

## IMPORTANT INFORMATION (Progeny Test Bulls)

- Free registration for all progeny sired by Semayr Progeny Test Bulls (2022 bulls sired 2023 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)

\$15.<sup>20</sup>

**CHOICE PAK** 

per straw

\$6.60

NO CHOICE PAK

per straw

\$16.60

INDIVIDUALLY NOMINATED

per straw

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

ALPHA® is a registered trade mark of Livestock Improvement Corporation Ltd

## 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.

Ayrshire New Zealand

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

www.ayrshire.org.nz

Date: 30/04/2022

Semayr Breeding Services is the marketing division of Ayrshire New Zealand

gBW **93** REL: 39%

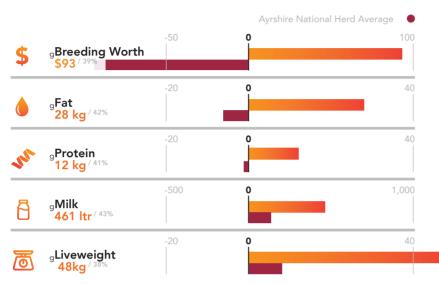
# KITEROA LAS VEGASS

AB CODE: **523500** 

A2A2

sire: VR Vimo

DAM: Kiteroa Lynnies Lady, V8-8

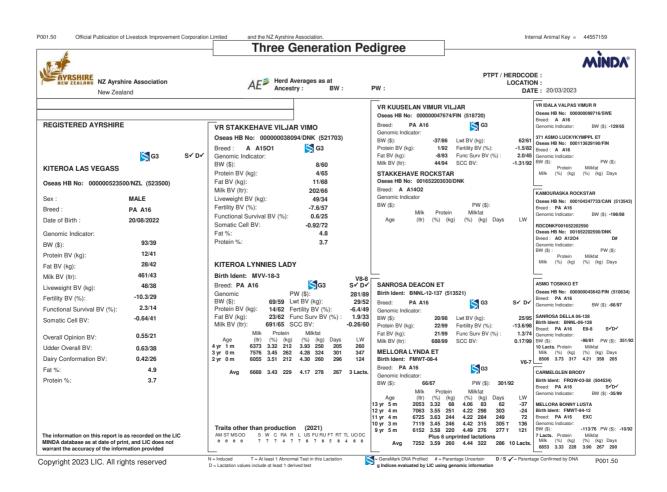




## **Kiteroa Las Vegass**

A Vimo son, Vimo himself has over 2000 daughters in his proof and excels in his proof with high type and production. Las Vegass' dam decends from the Bonny Lusta family at Kiteroa. High type, high PW and high production throughout this pedigree. Genomics has this young sire transmitting a 4.9% fat test and 3.7% protein test along with an udder BV of +.63. Dam produced 586kg MS at 3 years.





gBW 16 REL: 41%

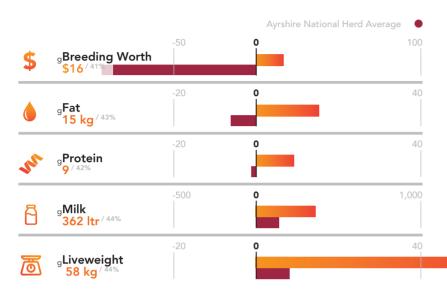
# LODORE ROYAL VIMO

AB CODE: **523501** 

A2A2

SIRE: VR Vimo

DAM: Lodore Karis Royal, V7-8



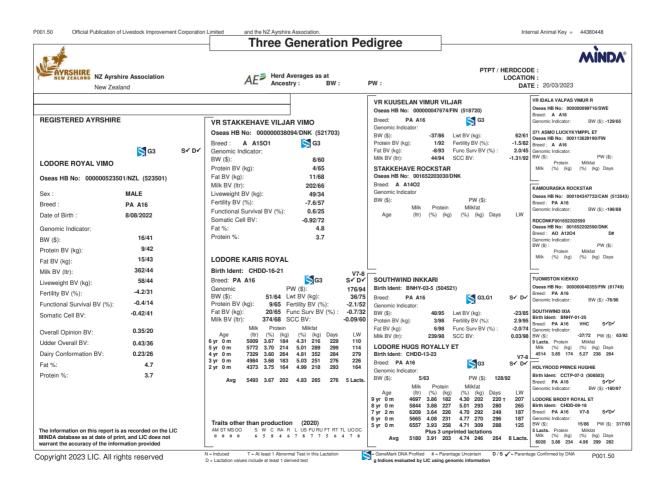


## **Lodore Royal Vimo**

The second Vimo son with the female line from the Royal family at Lodore. A very consistant line with high type throughout. Genomics has Royal Vimo transmitting a 4.7% fat test and a 3.7% protein test and an udder overall BV of +.43. Dam produced 616 kg MS at 4 years.



Data Source



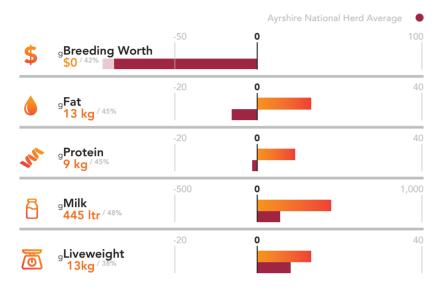


# **MUSICA BLUEGRASS**

AB CODE: **523502** 

A2A2

SIRE: Musica Tromboner DAM: Musica 14-14, B7-7



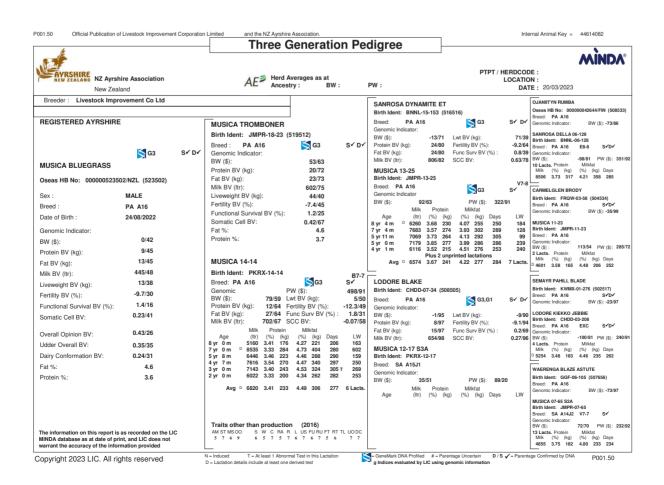


## **Musica Bluegrass**

Sired by the newly proven bull Musica Tromboner who is leaving high producing daughters with good type. The female line has some different sires represented with the direct dam being sired by Lodore Blake. Genomics has Bluegrass as transmitting a 4.6% fat test and a 3.6% protein test and with an overall udder score of +.35. Dam produced 688kg MS at 7 years.



Data Source





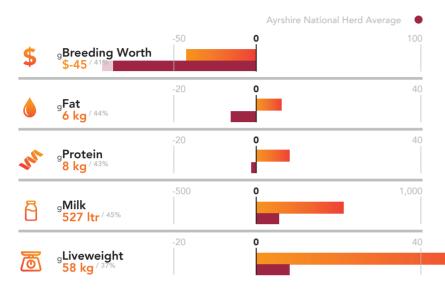
# **SANROSA DOUGY**

AB CODE: **523503** 

A2A2

SIRE: VR Vimo

DAM: Sanrosa Dale 12-29 ET, V7-8



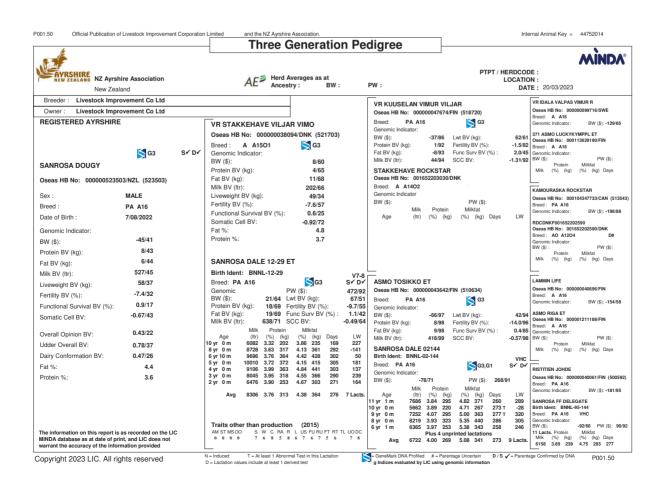


## **Sanrosa Dougy**

Another Vimo son this time from a high producing Tosikko daughter in Dale 12-29 ET who features in the breeds top 10 PW cows, with a PW of 472. Genomics has Dougy transmitting a massive +.67 for rump width (a feature of this family) and our highest on Udder Overall at +.78. Dam produced 804kg MS at 4 years (most of her lactations done at Goldwyn).



Data Source





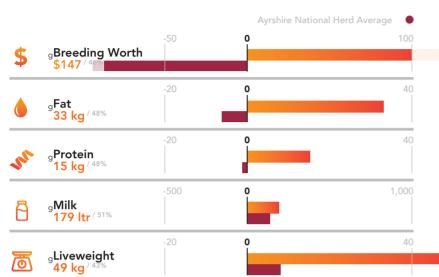
# **SANROSA MAXWELL**

AB CODE: **523504** 

Δ1Δ2

sire: Iwa Super Sonic

DAM: Sanrosa Magnolia 18-314, V7-8



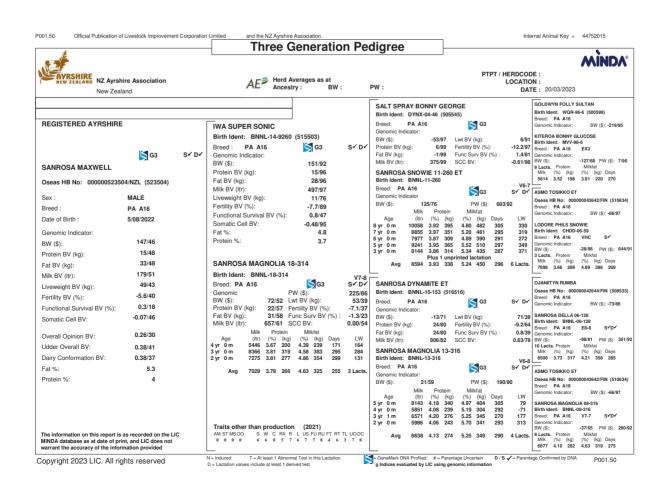


## Sanrosa Maxwell

One of only two Super Sonic sons this year to be selected. Semayr's highest BW young bull this year with genomics predicting Maxwell to transmit a 5.3% fat test and a 4.0% protein test, larger than average size at +40kg liveweight. Udder Overall at +.38. The female line is from the very consistent, high producing Magnolia family at Sanrosa. Dam produced 702kg MS at 3 years.



Data Source 20/03/2023





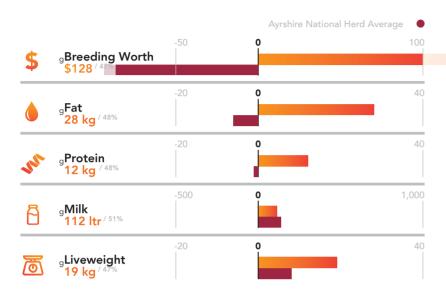
# TE MATAI ROYAL RUM

AB CODE: **523505** 

A2A2

SIRE: Iwa Super Sonic

DAM: Te Matai D Royalle, V7-8



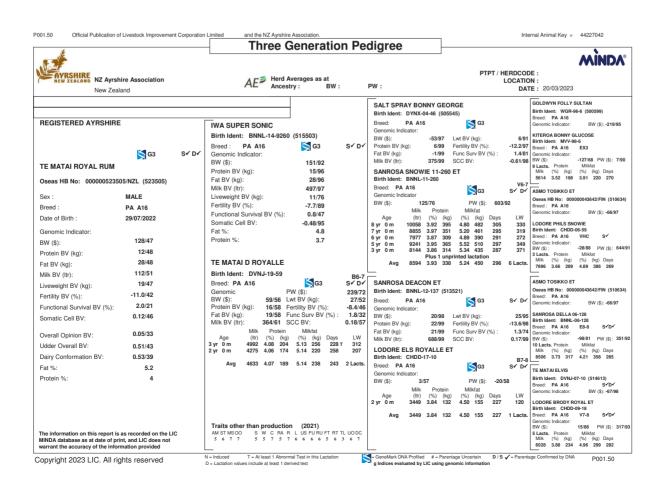


## Te Matai Royal Rum

The second Super Sonic son and also from the Royal Family at Lodore. The dam Te Matai D Royalle has recently been reclassified and carries a classification of V7-8. Genomics has Royal Rum as transmitting a 5.2% fat test and a 4.0% protein test with an udder overall BV of +.51. Also has a captacity BV of +.75. Dam has produced unfinished this season at 3 years 460kg MS.



Data Source 20/03/2023



gBW 20 REL: 40%

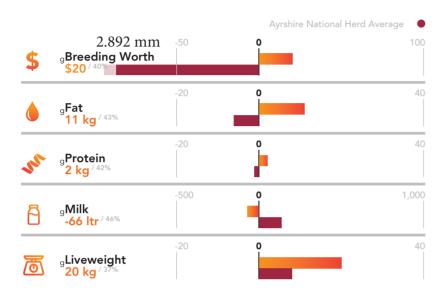
# THORNTON PARK V BERRETTA

AB CODE: **523506** 

A1A2

SIRE: VR Vimo

DAM: Thornton Park SPG Beretta, V7-8



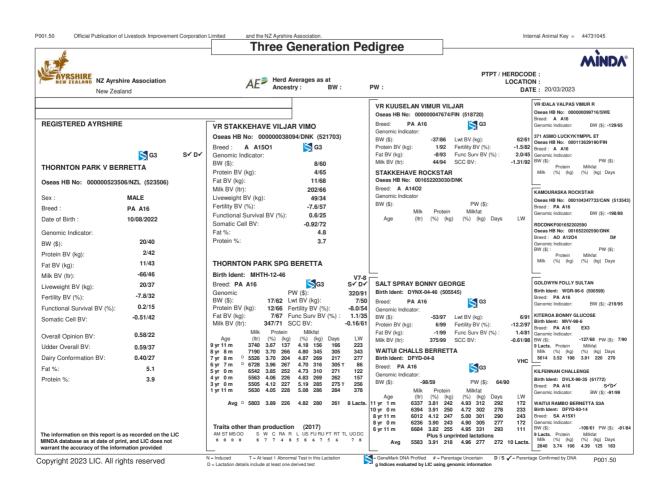


## **Thornton Park V Berretta**

The fourth Vimo son and from a Bonny George daughter in turn from a Challenge cow. This female line at Thornton Park has proven itself with excellent production and type through the generations. Again this bull is expected to transmit a 5.1% fat test and a 3.9% protein test, and with an overall udder of +.59. Dam produced 611kg MS at 9 years.



Data Source 20/03/2023









# **GET SOME RED IN YOUR SHED**













Ayrshire New Zealand Will Develop, Promote & Maintain the Ayrshire Breed as a Credible Option for New Zealand Dairy Farmers.

Genetic Gain Of The Ayrshire Popultion



Vibrant Membership Proud to Belong



www.ayrshire.org.nz





ALL SEMEN MUST BE ORDERED THROUGH YOUR LIC AGRI MANAGER

\$23.15

**INDIVIDUALLY NOMINATED** 

per straw

\$21.40 +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	0.19
Shed Temperament	0.20
Milking Speed	-0.03
Overall Opinion	0.17
Stature	-0.08
Capacity	0.30
Rump Angle	0.30
Rump Width	-0.10
Legs	0.02
Udder Support	0.12
Front Udder	0.14
Rear Udder	-0.04
Front Teat Placement	0.12
Rear Teat Placement	0.12
Teat Length	-0.27
Udder Overall	0.11
Dairy Conformation	0.15

## **PRODUCTION BVs**

Breeding Worth (\$)	-94
Protein (Kg)	0.3
Milkfat (Kg)	-4.4
Milk Volume (Litres)	155
Liveweight (Kg)	18.5
Fertility (%)	-8
Somatic Cell (Score)	-0.18
Functional Survival	-0.02
Body Condition (Score)	-0.02

## SIRE BREED AVERAGE

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



# **IWA SUPER SONIC**

AB CODE: 515503

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





## **Iwa Super Sonic**

Super Sonic remains our highest BW bull now with 359 daughters in his proof giving him a reliability of 91%. Leaving average size daughters and with 117 daughters in his TOP proof his udder overall of +.72 is very desirable.

## **TOP Breeding Values**

#### **DAUGHTERS: 359 HERDS: 82** MANAGEMENT Adaptability to Milking 0.03 SLOWLY QUICKLY NERVOUS PLACID **Shed Temperament** 0.04 Milking Speed -0.20 SLOW FAST UNDESIRABLE DESIRABLE Overall Farmer Opinion 0.06 CONFORMATION -0.5 0.5 Stature 0.04 SMALL TALL Dairy Capacity FRAIL CAPACIOUS -0.11 Rump Angle 0.05 HIGH PINS SLOPING Rump Width -0.04 NARROW WIDE Legs -0.10 STRAIGHT CURVED **Udder Support** 0.58 STRONG WEAK Front Udder STRONG 0.68 LOOSE Rear Udder 0.63 LOW HIGH Front Teat 0.20 WIDE CLOSE Rear Teat 0.42 WIDE CLOSE Teat Length -0.30 SHORT LONG Udder Overall 0.67 UNDESIRABLE DESIRABLE UNDESIRABLE DESIRABLE Dairy Conformation 0.36

## **Breeding Values**

Protein BV (kg)	15
Fat (kg)	28
Milk (ltr)	497
Liveweight (kg)	11
Somatic Cell	-0.48
Functional Survival	1
Fertility	-7.7
Protein %	3.7
Fat %	4.8
Body Condition Score	-0.08
Evaluation Date	18/03/2023

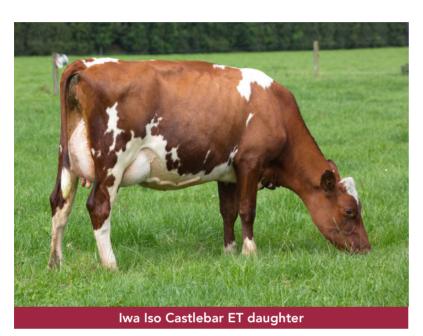


# **IWA ISO CASTLEBAR ET**

AB CODE: **516504** 



A2A2 SIRE: Southwind Isabro DAM: Sanrosa Snowie 11-260 ET, V6-7





## Iwa Iso Castlebar ET

Castlebar leads our bulls on production. Daughters are capacious and work well under our NZ farming system.

## **TOP Breeding Values**

0.30

-0.31

Adaptability to Milking 0.27 Shed Temperament

MANAGEMENT

Milking Speed

# QUICKLY PLACID

**HERDS: 19** 

**DAUGHTERS: 79** 

Overall Farmer Opinion	0.19	UNDESIRABLE				DESIRABLE
CONFORMATION		-1	-0.5	0	0.5	1
Stature	0.19	SMALL				TALL
Dairy Capacity	0.47	FRAIL				CAPACIOUS
Rump Angle	0.47	HIGH PINS				SLOPING
Rump Width	-0.12	NARROW				WIDE
Legs	0.04	STRAIGHT				CURVED
Udder Support	-0.21	WEAK				STRONG
Front Udder	-0.16	LOOSE				STRONG
Rear Udder	-0.18	LOW				HIGH
Front Teat	0.008	WIDE				CLOSE
Rear Teat	-0.14	WIDE				CLOSE
Teat Length	-0.57	SHORT				LONG
Udder Overall	-0.17	UNDESIRABLE				DESIRABLE
Dairy Conformation	0.15	UNDESIRABLE				DESIRABLE

SLOWLY

NERVOUS

SLOW

## **Breeding Values**

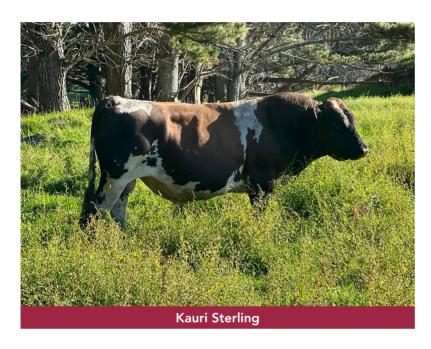
Protein BV (kg)	25
Fat (kg)	28
Milk (ltr)	944
Liveweight (kg)	67
Somatic Cell	-0.06
Functional Survival	-1
Fertility	-4.4
Protein %	3.6
Fat %	4.4
Body Condition Score	0.09
Evaluation Date	18/03/2023



# KAURI STERLING

AB CODE: **518501** 

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





## Kauri Sterling

Sterling leaves average size daughters and is transmitting a 5.1% fat test and a 3.8% protein test. With his calving difficulty figure Sterling would be suitable for yearling matings.

## Protein BV (kg) Fat (kg) Milk (ltr) Liveweight (kg) Somatic Cell Functional Survival Fertility Protein % Fat % **Body Condition Score Evaluation Date**

**Breeding Values** 

TOP Breeding	Values			DAI	JGHTE	RS: 62	HERDS: 19
MANAGEMENT		-1	-0.	5	0	0.5	1
Adaptability to Milking	0.40	SLOWLY				•	QUICKLY
Shed Temperament	0.41	NERVOUS					PLACID
Milking Speed	0.03	SLOW					FAST
Overall Farmer Opinion	0.40	UNDESIRABLE				1	DESIRABLE
CONFORMATION		-1	l -0.	5	0	0.5	1
Stature	-0.33	SMALL					TALL
Dairy Capacity	0.44	FRAIL					CAPACIOUS
Rump Angle	0.13	HIGH PINS					SLOPING
Rump Width	-0.24	NARROW					WIDE
Legs	0.10	STRAIGHT					CURVED
Udder Support	0.21	WEAK					STRONG
Front Udder	0.33	LOOSE					STRONG
Rear Udder	0.13	LOW					HIGH
Front Teat	0.27	WIDE					CLOSE
Rear Teat	0.35	WIDE					CLOSE
Teat Length	-0.25	SHORT					LONG
Udder Overall	0.29	UNDESIRABLE					DESIRABLE
Dairy Conformation	0.35	UNDESIRABLE					DESIRABLE



12

25

298 37

0.43

-9.3

3.8

-0.14

18/03/2023

5

1

# **BROOKVIEW D EXTREME**

AB CODE: 519500

BW 68
REL: 64%

**A1A2** 

Rear Teat

Teat Length

Udder Overall

Dairy Conformation

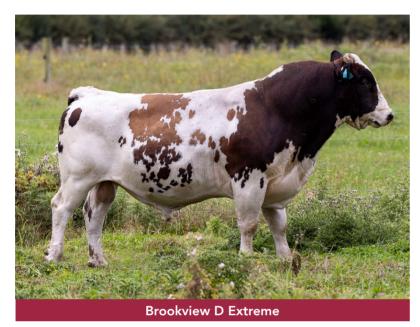
0.40

-0.82

0.20

0.15

SIRE: Sanrosa Deacon ET DAM: Brookview Lots Elsie, Exc





## **Brookview D Extreme**

D Extreme is just proven this year and is a Deacon son from a Trident Lot daughter. The dam is average in size with good all-round type. Extreme daughters are well balanced with sound udders, and production to go with it.



**Brookview D Extreme Daughter** 

## **NEWLY PROVEN BULL**

#### **TOP Breeding Values DAUGHTERS: 23** HERDS: 9 MANAGEMENT SLOWLY Adaptability to Milking 0.48 QUICKLY NERVOUS PLACID **Shed Temperament** 0.51 Milking Speed -0.01 SLOW FAST UNDESIRABLE DESIRABLE Overall Farmer Opinion 0.38 CONFORMATION Stature -0.15 SMALL TALL Dairy Capacity FRAIL CAPACIOUS 0.12 Rump Angle 0.001 HIGH PINS SLOPING Rump Width 0.04 NARROW WIDE Legs -0.12 STRAIGHT CURVED **Udder Support** 0.39 STRONG WEAK Front Udder 0.12 LOOSE STRONG Rear Udder 0.17 HIGH LOW Front Teat -0.03 WIDE CLOSE

WIDE

SHORT

UNDESIRABLE

UNDESIRABLE

## **Breeding Values**

CLOSE

LONG

DESIRABLE

DESIRABLE

Protein BV (kg)	23
Fat (kg)	23
Milk (ltr)	757
Liveweight (kg)	25
Somatic Cell	-0.55
Functional Survival	1
Fertility	-14.3
Protein %	3.7
Fat %	4.5
Body Condition Score	-0.13
Evaluation Date	18/03/2023



# **MUSICA TROMBONER**

AB CODE: **519512** 

A1A2 SIRE: Sanrosa Dynamite ET DAM: Musica 13-25, V7-8





## **Musica Tromboner**

Tromboner is leaving very capacious daughters, sound udders and good production with excellent farmer traits. His daughters have continued to produce well as the season has progressed.

## **NEWLY PROVEN BULL**

TOP Breeding	Values				DAUGHT	TERS: 29	HERDS: 11
MANAGEMENT		_	1 -	0.5	0	0.5	1
Adaptability to Milking	0.53	SLOWLY					QUICKLY
Shed Temperament	0.54	NERVOUS					PLACID
Milking Speed	0.24	SLOW					FAST
Overall Farmer Opinion	0.54	UNDESIRABLE					DESIRABLE
CONFORMATION		٠	1 -	0.5	0	0.5	1
Stature	0.03	SMALL			)		TALL
Dairy Capacity	0.66	FRAIL					CAPACIOUS
Rump Angle	0.40	HIGH PINS					SLOPING
Rump Width	0.21	NARROW					WIDE
Legs	0.13	STRAIGHT					CURVED
Udder Support	0.30	WEAK				1	STRONG
Front Udder	0.47	LOOSE					STRONG
Rear Udder	0.06	LOW					HIGH
Front Teat	0.09	WIDE					CLOSE
Rear Teat	0.12	WIDE					CLOSE
Teat Length	-1.00	SHORT					LONG
Udder Overall	0.28	UNDESIRABLE					DESIRABLE
Dairy Conformation	0.40	UNDESIRABLE					DESIRABLE

## **Breeding Values**

Protein BV (kg)	20
Fat (kg)	23
Milk (ltr)	602
Liveweight (kg)	44
Somatic Cell	0.42
Functional Survival	1
Fertility	-7.4
Protein %	3.7
Fat %	4.6
Body Condition Score	-0.04
Evaluation Date	18/03/2023

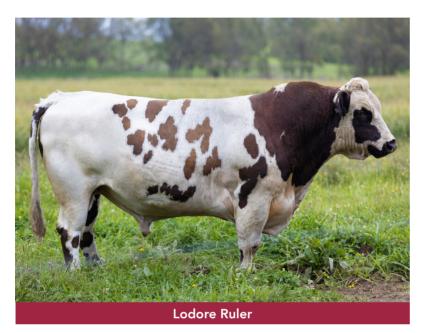


# **LODORE RULER**

AB CODE: **519509** 

**REL:** 63%

A1A2 SIRE: Greenlane Toledo DAM: Lodore Karis Royal, V7-8





## **Lodore Ruler**

Leaving daughters smaller than average, which would make him an excellent choice for yearling matings. High farmer traits as well. The higher fertility index is a feature of this sire as well.

# NEWLY PROVEN BULL

**Breeding Values** 

Evaluation Date

TOP Breeding	Values			DAU	GHTERS: 18	HERDS: 10
MANAGEMENT		-1	-0.	5 0	0.5	1
Adaptability to Milking	0.44	SLOWLY				QUICKLY
Shed Temperament	0.45	NERVOUS				PLACID
Milking Speed	0.07	SLOW			ı	FAST
Overall Farmer Opinion	0.36	UNDESIRABLE				DESIRABLE
CONFORMATION		-1	-0.	5 0	0.5	1
Stature	-0.54	SMALL				TALL
Dairy Capacity	0.19	FRAIL				CAPACIOUS
Rump Angle	0.49	HIGH PINS				SLOPING
Rump Width	-0.50	NARROW				WIDE
Legs	0.14	STRAIGHT				CURVED
Udder Support	-0.11	WEAK				STRONG
Front Udder	-0.10	LOOSE				STRONG
Rear Udder	-0.21	LOW				HIGH
Front Teat	0.02	WIDE				CLOSE
Rear Teat	-0.03	WIDE				CLOSE
Teat Length	-0.08	SHORT				LONG
Udder Overall	-0.13	UNDESIRABLE				DESIRABLE
Dairy Conformation	-0.11	UNDESIRABLE				DESIRABLE

Protein BV (kg)	9
Fat (kg)	16
Milk (ltr)	244
Liveweight (kg)	25
Somatic Cell	-0.58
Functional Survival	0
Fertility	-3.2
Protein %	3.8
Fat %	4.8
Body Condition Score	-0.07



18/03/2023

# **ALSO AVAILABLE PROVEN BULLS**

Thornton Park Pets Express leaving excellent udders at +.86 and overall Dairy Conformation of +.75 and excellent farmer traits, and the second bull Iwa Dynasty leaving functional udders and good production.

# THORNTON PARK PETS EXPRES

AB CODE: **518511** 

A2A2

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



TOP Breeding Values					DAUGHTERS: 71 HERDS: 2	
MANAGEMENT		-1	-0.5	0	0.5	1
Overall Farmer Opinion	0.67	UNDESIRABLE				DESIRABLE
CONFORMATION		-1	-0.5	0	0.5	1
Udder Overall	0.79	UNDESIRABLE				DESIRABLE
Dairy Conformation	0.69	UNDESIRABLE				DESIRABLE

BW -89 REL: 75%

## **Breeding Values**

Protein BV (kg)	6
Fat (kg)	11
Milk (ltr)	468
Liveweight (kg)	55
Somatic Cell	0.15
Functional Survival	-1
Fertility	-11.4
Protein %	3.6
Fat %	4.5
Body Condition Sco	re -0.1
Evaluation Date	18/03/2023



18/03/2023

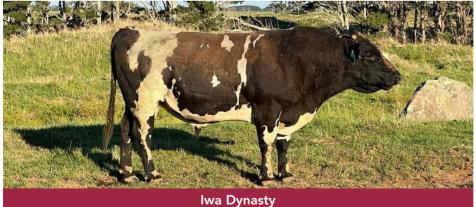
# **IWA DYNASTY**

AB CODE: **518509** 

**A2A2** 

Overall Farmer Opinion 0.22

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



TOP Breeding Values

DAUGHTERS: 70 HERDS: 24

MANAGEMENT

-1 -0.5 0 0.5 1

CONFORMATION

-1 -0.5 0 0.5

Udder Overall

Dairy Conformation

0.17 UNDESIRABLE

UNDESIRABLE

BW 29 REL: 80%

## **Breeding Values**

DESIRABLE

DESIRABI E

DESIRABLE

J	
Protein BV (kg)	14
Fat (kg)	23
Milk (ltr)	439
Liveweight (kg)	21
Somatic Cell	-0.24
Functional Survival	1
Fertility	-13.6
Protein %	3.7
Fat %	4.8
Body Condition Score	-0.15
Evaluation Date	18/03/2023



## UNDERSTANDING NZ INFORMATION

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

## Name

\$135/81 % REL



<b>Production gBVs</b> 59 Daughters 30 He			30 Herds		
V	Production	Efficiency			
1	Milkfat	Prot	tein Milk Vo	olume L	iveweight /
	23 kg	11	kg 352	200	21 kg 💍
	<b>4.9</b> %	3.7	%		
	Robustness				
١	Fertility	Somatic Cell Count	Body Condition Score	Functional Survival	Udder Overali
	<del>-3.4</del> %	-0.63 🔾	-0.01	<b>0</b> %	0.66
п					

Cow Calving Difficulty

0.4%/91%

Gestation Length

-1.3 days

25 Daughters TOP Inspected

Heifer Calving

2.1%/69%

TOP Traits

Milking Speed

Stature

Legs

Capacity

Rump Angle

Rump Width

Front Udde

Rear Udder

Teat Length

Udder Overall

Udder Support

Front Teat Placement

Rear Teat Placement

**Dairy Conformation** 

Overall Opinion

Adapts to Milking

**Shed Temperament** 

.22

.24

-.16

.17

-.27

.34

.07

-.14

-.09

.60

.63

.56

.24

.40

-.17

.66

.32

1184

1187

#### aBW//Dal

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.

### 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.

### 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

Protein and Milkfat

Fertility

A gBV of 23 kg indicates that the bull will

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,

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

fertile than any other countries base.

New Zealand base cow is far more

compared to a bull of 0.

produce daughters which on average, are genetically superior to the base cow

by 11 kg per 5t dry matter consumed.

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)

## 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).

### 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.

## 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.



A2A2

gBW/gBV are calculated by LIC



### 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.

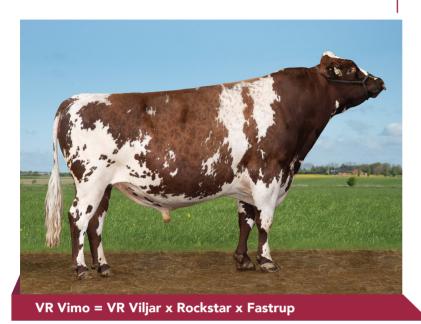
# Scanclinaviau Medley Try the best from Scandinavia

**VR Vimo** 

521703

Born: 12-12-2017

A2A2



Now proven with 2,284 daughters in his production proof leaving good milk with high kg of fat. His fertility index continues to rise with his increasing daughter numbers, as does his udder health index. Vimo's milkability and temperament index also continues to rise. Couple all this with his excellent conformation traits including udder traits makes this sire an excellent choice to use.

ALSO A LIMITED AMOUNT OF SEXED SEMEN AVAILABLE AT \$49.00 +GST

\$22.00<sup>+GST</sup>

Despatch fee \$30 per

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

SIRE: VR VILJAR FIN47674 DAM: Stakkehave Rockstar Frosty
DNK1652203030

Production Tra	Traits Daughters: 2,		
Reliability 99%	80	100	120
Prod. Index	114		
Milk, kg	100		
Protein, kg	105		
Protein %	109		
Fat, kg	119		
Fat %	123		
Growth	100		
Functional Tra	aits	Daughter	s: 896

Functional I	Daughte	ers: 896	
Reliability 98%	80	100	120
Milkability	99		
Temperament	107		

## Health & Reproduction

Daughters: 1,930				
80	100	120		
108				
100				
106				
111				
109				
107				
95				
113				
	108 100 106 111 109 107 95	80 100  108 100 106 111 109 107 95		

## Conformation Traits Daughters: 896

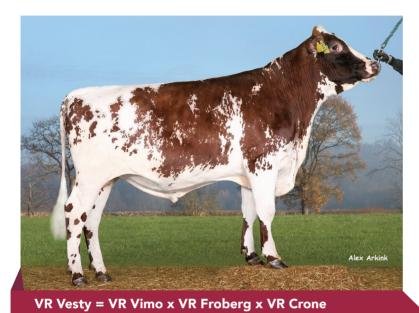
Reliability 98%		8	0 10	0 12	20
Frame	122				
Stature	113	low			high
Dairy form	106	coarse			angular
Chest width	118	narrow			wide
Body depth	116	shallow			deep
Rump width	112	narrow pins			wide pins
Rump angle	91	high pins			low pins
Top line	97	weak			strong
Feet and legs	102				
Rear legs, side view	95	straight			sickled
Rear legs, rear view	97	toes out			parallel
Foot angle	117	low			steep
Bone quality	94	coarse			fine and thin
Hock quality	100	filled			dry
Udder Overall	121				
Fore udder attachment	112	loose			strong
Rear udder height	108	low			high
Rear udder width	103	narrow			wide
Udder Suport	113	weak			strong
Udder depth	116	deep			shallow
Udder balance	130	low rear			strong front
Teat length	117	short			long
Teat thickness	113	thin			thick
Front teat placement	102	wide			close
Rear teat placement	99	wide	1		close

# Scanclinavious Medley Try the best from Scandinavia

# **VR Vesty**

522507

Born: 05-12-2019 A2A2



A genomic tested son of Vimo. Number 1 in the breed for production. Good conformation including the udder. Excels in KG's Fat. Please note that Vesty's daughters are eligible for S2A registration status.

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

SIRE: VR VIMO DNK38094 **DAM:** DNK000004102904544

## **Production Traits**

Reliability 81%	80	100	120
Prod. Index	126		
Milk, kg	109		
Protein, kg	119		
Protein %	114		
Fat, kg	127		
Fat %	121		
Growth	101		

## **Functional Traits**

Reliability 56%	8	0 10	00 120
Milkability	110		
Temperament	91		

## Health & Reproduction Traits

Reliability 74%	80	100	120
Daughter fertility	101		
Calving sire	102		
Calving maternal	108		
Udder health	108		
General health	102		
Longevity	114		
Hoof health	103		
Youngstock survival	107		

## **Conformation Traits**

Reliability 56%		8	80 100	0 12	0
Frame	116				
Stature	110	low			high
Dairy form	109	coarse			angular
Chest width	107	narrow			wide
Body depth	109	shallow			deep
Rump width	118	narrow pins			wide pins
Rump angle	91	high pins			low pins
Top line	96	weak			strong
Feet and legs	105				
Rear legs, side view	103	straight			sickled
Rear legs, rear view	105	toes out			parallel
Foot angle	110	low			steep
Bone quality	99	coarse	1		fine and thin
Hock quality	103	filled			dry
Udder Overall	110				
Fore udder attachment	103	loose			strong
Rear udder height	111	low			high
Rear udder width	114	narrow			wide
Udder Suport	106	weak			strong
Udder depth	105	deep			shallow
Udder balance	115	low rear			strong front
Teat length	105	short			long
Teat thickness	106	thin			thick
Front teat placement	104	wide			close
Rear teat placement	100	wide			close

# Scanclinaviau Medley Try the best from Scandinavia

# **VR Voima P**

522410

Born: 11-1-2021

A2A2



A new sire to our catalogue this year. Voima carries the polled gene, and with excellent genomic indexes for production and type. Expected to leave taller animals with exceptionally wide rump width. Daughters are eligible for full pedigree status.

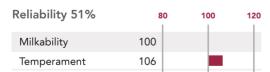
VR Voima P + VR Vario x VR Heroo P x VR Ultra

SIRE: VR Vario FIN47674 DAM: VR Rulli FIN13247030 \$22.00 +GST Despatch fee \$30 per order ORDERS to AYRSHIRE NZ info@ayrshire.org.nz 07 856 0816

## **Production Traits**

Reliability 80%	80	100	120
Prod. Index	119		
Milk, kg	108		
Protein, kg	117		
Protein %	113		
Fat, kg	117		
Fat %	110		
Growth	99		

## **Functional Traits**

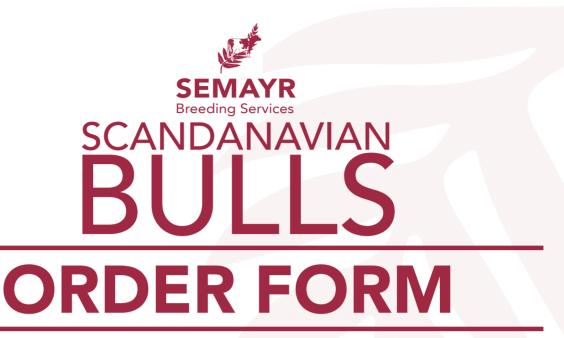


# Health & Reproduction Traits

Reliability 73%	80	0 10	0 120
Daughter fertility	106		
Calving sire	98		
Calving maternal	104		
Udder health	113		
General health	103		
Longevity	114		
Hoof health	96		
Youngstock survival	97		

## **Conformation Traits**

Reliability 51%		8	3 <b>0</b> 10	00	120
Frame	123				
Stature	122	low			high
Dairy form	99	coarse			angular
Chest width	111	narrow			wide
Body depth	117	shallow			deep
Rump width	123	narrow pins			wide pins
Rump angle	112	high pins			low pins
Top line	108	weak			strong
Feet and legs	93				
Rear legs, side view	106	straight			sickled
Rear legs, rear view	105	toes out			parallel
Foot angle	104	low			steep
Bone quality	89	coarse			fine and thin
Hock quality	91	filled			dry
Udder Overall	112				
Fore udder attachment	104	loose			strong
Rear udder height	97	low			high
Rear udder width	107	narrow			wide
Udder Suport	107	weak			strong
Udder depth	113	deep			shallow
Udder balance	105	low rear			strong front
Teat length	111	short			long
Teat thickness	100	thin			thick
Front teat placement	105	wide			close
Rear teat placement	95	wide			close



## **ORDER DETAILS**

Farm Name:					
Name:			Despatch to:		
			Bank Location:		
Address:			Email:		
			PTPT Code:		
Postcode:			AB Starting Date:		
Phone:			Technician: DIY CRV LIC		
SEMEN CODE	NAME	PRICE (excl	GST) NUMBER OF STRAWS REQUIRED		
521703	VR Vimo	\$22.00			
521703	<b>VR Vimo</b> - Sexed	\$49.00			
523507	VR Vesty	\$22.00			
522410	VR Voima	\$22.00			

All prices quoted are per straw
All orders will incur a despatch fee of \$30.00 + GST

**SEMAYR**Breeding Services

"SERIOUS ABOUT IMPROVING THE AYRSHIRE BREED"



**Ayrshire New Zealand** 

www.ayrshire.org.nz Physical Address: 290 Tristram St Postal Address: PO Box 1132, Hamilton 3240

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