

Grazing Genetics

CRV – New Zealand

2024



What does breeding for **health** and **efficiency** look like?



- ▲ Improved udder overall
- ▼ Lower SCC over every lactation (-120,000)



- ▲ 2% improved conception rate
- ▼ Shorter calving interval, higher 6 week in-calf rate



- +64kg more milk solids per cow/lactation
- ▲ Increased lifetime production



- ▲ 92 days higher longevity
- ▲ More days in milk

Performance figures are calculated from the top 25% of cows compared to the lowest 25% of cows from CRV recorded herds.

CRV, leading
in health and efficiency



CRV stands for healthy and efficient cows

The balance between health and efficiency is what makes CRV's breeding programme so unique. A healthy, trouble-free herd that efficiently converts feed into milk, guarantees high lifetime production. Achieving this balance is key to sustainable milk production and creating a better life for cows and farmers.



▲ More solids per kg liveweight

▲ More milk from the same amount of feed

(SAMPLE DATA)



CRV EFFICIENCY 7%

0 dtrs | 0 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
gBV	333	26	4.1	39	5.2	65
BA	877	27.9	3.7	16.9	4.3	45



CRV HEALTH 4%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
gBV	1.8	0.12	0.1	0	0.2	-7.4
BA	-1.8	-0.04	0.04	2.0	1.0	-1.7

Look out for the percentage rating in the catalogue. This percentage represents how much healthier and more efficient the sire is than the population average.

- 1 - 4%** = **Improved performance**
- 5 - 9%** = **Excellent performance**
- 10%+** = **Superior performance**

Guide to sire information

Shed traits

In all cases positive is better.

Shed temperament

The temperament of the animal in the shed after it has settled into the milking routine.

Grumpy – Lovely

Adaptability to milking

How quickly the animal adapts to the milking routine.

Slowly – Quickly

Milking speed

The length of time it takes for an animal to milk out.

Slow – Fast

Overall opinion

A farmer's overall feeling about the animal.

Poor – Well-liked

Conformation

Rump angle

The angle between the middle of the hip and top of the pin bone. A flat to slightly sloping rump is desired.

High – Sloping

Rump width

The distance between the posterior point of the pin bones in relation to the size of the cow. Good indicator of the width of a cow throughout her body.

Narrow – Wide

Capacity

Strength and depth of chest and body as viewed from the side.

Frail – Capacious

Legs

The angulation of the rear legs.

Straight – Curved

UDDER

Udder support

Strength of the suspensory ligament as viewed from the rear.

Weak – Strong

Front udder

The strength of attachment of the front of the udder to the body wall.

Loose – Strong

Rear udder

The height and width of the rear udder attachment.

Loose – Strong

Udder overall

An overall udder score combining all the udder conformation traits.

Undesirable – Desirable

Stature

Height measured at the animal's shoulder.

Short — Tall

Dairy conformation

An overall conformation score combining all traits except udder traits.

Undesirable — Desirable

Front teat

Placement of front teats.

Wide — Close

Rear teat

Placement of rear teats.

Wide — Close

Teat length

Length of the rear teats from the udder to the tip of the teat.

Short — Long

**Health**

Select animals that will have fewer incidences of health problems throughout their lifetime.

Traits include: fertility, body condition score, somatic cell score, calving difficulty, udder overall and functional survival (expressed as the likely percentage of cows surviving to the next lactation).

**Efficiency**

Select the most efficient animals at converting feed into milk.

Key to bull pages

Look for these icons on the bull pages.

**Sexed**

Sires are available as sexed semen and conventional.

**New**

Sires are either new to the market or have been graduated from an InSire to a proven sire.

Genetic traits

FE facial eczema tolerant.



PP homozygous polled.



Pp heterozygous polled.



LowN lower than average for milk urea nitrogen (MUN).



SG short gestation.



OAD suited to once-a-day milking systems.

**Global bulls**

Semen imported from CRV Netherlands.



Building a healthy and efficient herd for tomorrow

“

I think having companies like CRV involved in your business is really really important, especially in this day and age where everything is evolving, everything is moving.”

“Our production needs to be more efficient but we also need to be more environmentally friendly and I think companies like CRV – they shape what the cow of tomorrow is going to look like, so they’ve got a big part to play.

Mark Carter, farm owner, Taranaki

”

CRV Trait Leaders

CRV EFFICIENCY

ANCHOR	8%
MOZART	7%
GETAFIX	6%
HAYLOFT	11%
DERRICK	9%
CAMPBELL	8%
KAKA	9%

CRV HEALTH

ALIBI	6%
DIJON	4%
MOZART	4%
MOREPORK	4%
KINGFISHER	3%
CAMPBELL	3%
NUCLEUS	8%

NZMI

GETAFIX	532
ANCHOR	531
ALIAS	502
CAMPBELL	479
DERRICK	464
MATAKANA	430
SHERLOCK	582

BREEDING WORTH

GETAFIX	568
ANCHOR	491
ALIAS	467
CAMPBELL	499
DERRICK	483
HAYLOFT	437
SHERLOCK	629

MILK

SCOTCH	2011
GETAFIX	1502
MOZART	1350
KOROMIKO	726
MATAKANA	675
DERRICK	673
SHERLOCK	362

PROTEIN + FAT

GETAFIX	142
SCOTCH	125
ALIAS	112
DERRICK	104
KOROMIKO	95
SHIPYARD	85
SHERLOCK	101

FUNCTIONAL SURVIVAL

ALIBI	5.0
ANCHOR	3.2
MOZART	2.6
KOROMIKO	3.5
DERRICK	2.5
MOREPORK	2.2
GIBSON	3.8

FERTILITY

CHECKBOOK	4.1
LENNAN	2.4
ALIAS	2.3
HAYLOFT	5.3
CAMPBELL	3.7
PREMIER	2.3
NUCLEUS	9.4

HEIFER CALVING DIFFICULTY

ALIAS	0.2
ALIBI	0.5
MOZART	1.2
MATAKANA	-1.7
GURHA	-1.2
CAMPBELL	-1.1
GIBSON	-3.5

GESTATION LENGTH

ALIBI	-10.2
ALIAS	-8.5
BAZ	-7.0
SHIPYARD	-7.5
CAMPBELL	-6.1
MATAKANA	-5.6
MONDALE	-8.6

UDDER OVERALL

ALIBI	1.20
CHUCK	1.00
ANCHOR	0.93
KOROMIKO	0.81
KINGFISHER	0.72
PREMIER	0.65
MONDALE	0.86

DAIRY CONFORMATION

SCOTCH	1.01
ALIAS	0.91
CHUCK	0.90
KOROMIKO	0.87
GURKHA	0.70
HAYLOFT	0.45
TUNGSTEN	0.76

Estimated Breeding Values based on:



MEANDER SB ALIAS-ET S2F

117561



Daughter: #48 S & C Porter, Atiamuri



DOB: 25/07/16 A1A1 KCAS: BB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	467 / 91	502	236	1352	1.8	95.4
BA	124 / -	-	-	-	1.1	55

CRV EFFICIENCY 5%

175 dtrs | 64 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1015	48	4	64	5	112
BA	915	32	3.8	24	4.4	56

CRV HEALTH 3%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	2.3	0.06	-0.25	0.2	0.2	-8.5
BA	-4.3	0.0	0.04	1.8	0.9	-2.3

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.23	0.21				
Shed temperament	0.24	0.21				
Milking speed	-0.04	0.05				
Overall opinion	0.35	0.30				

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	0.85	0.99				
Capacity	0.78	0.17				
Rump angle	0.17	-0.04				
Rump width	0.62	0.45				
Legs	-0.06	-0.11				
Udder support	0.72	0.54				
Front udder	0.59	0.41				
Rear udder	0.53	0.41				
Front teat	0.55	0.21				
Rear teat	0.58	0.44				
Teat length	-0.60	-0.21				
Udder overall	0.82	0.53				
Dairy conformation	0.91	0.32				

SAN RAY FM BEAMER-ET S2F
MEANDER FMI APRIL S2F

FAIRMONT MINT-EDITION
SRB KEREDENE SKELTON BUST
FARSIDE M ILLUSTRIOUS S3F
MEANDER JUSTICE AJA S1F



MEANDER SB ALIAS-ET S2F F15J1



Daughter: #1812 McNaull Farming Co Ltd, Waikite Valley

MEANDER SHOT ALIBI-ET S3F

117568



Daughter: #50 A Holten & N Brown, Wiltsdown



DOB: 18/07/16 A1A2 KCAS: BE

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	372 / 88	436	228	1305	5	76.8
BA	124 / -	-	-	-	1.1	55

CRV EFFICIENCY 4%

131 dtrs | 53 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1202	36	3.6	49	4.6	85
BA	915	32	3.8	24	4.4	56

CRV HEALTH 6%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	2.2	0.1	-1.12	0.5	-0.3	-10.2
BA	-4.3	0.0	0.04	1.8	0.9	-2.3

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.49	0.21				
Shed temperament	0.51	0.21				
Milking speed	0.12	0.05				
Overall opinion	0.58	0.30				

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	1.39	0.99				
Capacity	0.17	0.17				
Rump angle	0.22	-0.04				
Rump width	0.35	0.45				
Legs	-0.40	-0.11				
Udder support	1.26	0.54				
Front udder	0.89	0.41				
Rear udder	0.95	0.41				
Front teat	0.50	0.21				
Rear teat	1.02	0.44				
Teat length	-0.6	-0.21				
Udder overall	1.20	0.53				
Dairy conformation	0.38	0.32				

COGENT SUPERSHOT BLF BYF CVF
MEANDER FMI APRIL S2F

SEAGULL-BAY SUPERSIRE-ET
ROSE SUPERSHOT
FARSIDE M ILLUSTRIOUS S3F
MEANDER JUSTICE AJA S1F



MEANDER SHOT ALIBI-ET S3F



Daughter: #151 A Holten & N Brown, Wiltsdown

SPRING RIVER BAZ-ET S2F

117503



Daughter: #339 Bucklin Farms Limited, Gordonton

FE

DOB: 17/08/15 A1A2 KCAS: BB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	318 / 94	361	177	1252	2.5	84.6
BA	124 / -	-	-	-	1.1	55

CRV EFFICIENCY 2% 304 dtrs | 86 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1023	44.8	3.9	38.7	4.6	84
BA	915	32	3.8	24	4.4	56

CRV HEALTH -1%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	2.4	0.07	0.03	2.7	0.8	-7.3
BA	-4.3	0.0	0.04	1.8	0.9	-2.3

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.49	0.21	[Bar chart]			
Shed temperament	0.50	0.21	[Bar chart]			
Milking speed	0.23	0.05	[Bar chart]			
Overall opinion	0.60	0.30	[Bar chart]			

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	0.58	0.99	[Bar chart]			
Capacity	0.29	0.17	[Bar chart]			
Rump angle	0.10	-0.04	[Bar chart]			
Rump width	0.40	0.45	[Bar chart]			
Legs	-0.03	-0.11	[Bar chart]			
Udder support	0.48	0.54	[Bar chart]			
Front udder	0.26	0.41	[Bar chart]			
Rear udder	0.27	0.41	[Bar chart]			
Front teat	0.47	0.21	[Bar chart]			
Rear teat	0.82	0.44	[Bar chart]			
Teat length	-0.70	-0.21	[Bar chart]			
Udder overall	0.48	0.53	[Bar chart]			
Dairy conformation	0.31	0.32	[Bar chart]			

MOURNE GROVE HOTHOUSE S2F
ARKAN MINTS BANGLE-ET S2F

SRC GLENMAED ROCKSOLID-ET
HCGP-05-9
FAIRMONT MINT-EDITION
SRB KEREDENE SKELTON BUST

AE
8/12/23



SPRING RIVER BAZ-ET S2F F15J1



Daughter: #267 Bucklin Farms Limited, Gordonton

SYMES SB CHECKBOOK S2F

118508



Daughter: #359 Brunswick Downs 2014 Ltd, Kurow

A2 A2 OAD LowN

DOB: 5/08/17 A2A2 KCAS: AB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	438 / 88	423	262	1356	2.1	-8.5
BA	124 / -	-	-	-	1.1	55

CRV EFFICIENCY 6% 131 dtrs | 50 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	175	32	4.3	39	5.4	71
BA	915	32	3.8	24	4.4	56

CRV HEALTH 3%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	4.1	0.01	0.32	1.3	0.3	1.1
BA	-4.3	0.0	0.04	1.8	0.9	-2.3

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.17	0.21	[Bar chart]			
Shed temperament	0.18	0.21	[Bar chart]			
Milking speed	0.07	0.05	[Bar chart]			
Overall opinion	0.16	0.30	[Bar chart]			

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	0.31	0.99	[Bar chart]			
Capacity	0.39	0.17	[Bar chart]			
Rump angle	-0.07	-0.04	[Bar chart]			
Rump width	0.76	0.45	[Bar chart]			
Legs	-0.05	-0.11	[Bar chart]			
Udder support	0.39	0.54	[Bar chart]			
Front udder	0.37	0.41	[Bar chart]			
Rear udder	0.40	0.41	[Bar chart]			
Front teat	0.11	0.21	[Bar chart]			
Rear teat	-0.05	0.44	[Bar chart]			
Teat length	0.20	-0.21	[Bar chart]			
Udder overall	0.45	0.53	[Bar chart]			
Dairy conformation	0.56	0.32	[Bar chart]			

SAN RAY FM BEAMER-ET S2F

FAIRMONT MINT-EDITION
SRB KEREDENE SKELTON BUST
MOURNE GROVE HOTHOUSE S2F

AE
8/12/23



SYMES SB CHECKBOOK S2F F14J2



Daughter: #174 MK Horsford, Owhango

HILLBRAE GAUNT CHUCK-ET

119517



Daughter: #10 DG & LM Little, Arapuni

A2
A2

DOB: 8/02/18 A2A2 KCAS: BB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	275 / 98	306	156	1255	1.7	119.3
BA	124 / -	-	-	-	1.1	55

CRV EFFICIENCY -1%

2714 dtrs | 395 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	180	34	4.4	42	5.4	76
BA	915	32	3.8	24	4.4	56

CRV HEALTH 1%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	-6.4	0.31	0.16	2.7	2.6	-2.1
BA	-4.3	0.0	0.04	1.8	0.9	-2.3

Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.82	0.21				
Shed temperament	0.83	0.21				
Milking speed	0.37	0.05				
Overall opinion	0.95	0.30				

Conformation

193 dtrs TOP

	BV	BA	-0.5	0	0.5	1.0
Stature	1.39	0.99				
Capacity	0.79	0.17				
Rump angle	0.26	-0.04				
Rump width	0.41	0.45				
Legs	-0.11	-0.11				
Udder support	0.86	0.54				
Front udder	1.08	0.41				
Rear udder	0.62	0.41				
Front teat	0.71	0.21				
Rear teat	1.15	0.44				
Teat length	-1.5	-0.21				
Udder overall	1.0	0.53				
Dairy conformation	0.9	0.32				

MAIRE IG GAUNTLET-ET
HILLBRAE RAVEN CORN S3F

INVERNIA TGF IGNITION S3F
MAIRE SPICY GABRIELLA-ET
TRALEE ME RAVEN-ET-OC S3F
HILLBRAE FLUKE CORN S2F



HILLBRAE GAUNT CHUCK-ET



Daughter: #137 J & A Taylor, Te Aroha

TRONNOCO FIRE DIJON S2F

118513



Daughter: #68 MK Horsford, Owhango

A2
A2 LowN

DOB: 31/07/17 A2A2 KCAS: AB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	286 / 88	368	213	1292	2.6	99.7
BA	124 / -	-	-	-	1.1	55

CRV EFFICIENCY 2%

136 dtrs | 53 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1186	53	3.9	36	4.4	89
BA	915	32	3.8	24	4.4	56

CRV HEALTH 4%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	-4.2	0.11	0.31	3.1	0.5	-6
BA	-4.3	0.0	0.04	1.8	0.9	-2.3

Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.53	0.21				
Shed temperament	0.55	0.21				
Milking speed	-0.07	0.05				
Overall opinion	0.60	0.30				

Conformation

107 dtrs TOP

	BV	BA	-0.5	0	0.5	1.0
Stature	0.80	0.99				
Capacity	0.64	0.17				
Rump angle	0.66	-0.04				
Rump width	0.43	0.45				
Legs	0.11	-0.11				
Udder support	0.98	0.54				
Front udder	0.59	0.41				
Rear udder	0.69	0.41				
Front teat	0.43	0.21				
Rear teat	0.87	0.44				
Teat length	-1.0	-0.21				
Udder overall	0.91	0.53				
Dairy conformation	0.66	0.32				

MAIRE MINT FIRE-UP
TRONNOCO REM DIAHAN S1F

FAIRMONT MINT-EDITION
MAIRE OMAN FIRE
VAN HEUVENS VA REMEDY S1F
TRONNOCO ILLUS DIELLA S3F



TRONNOCO FIRE DIJON S2F

AMBZED GRAND LENNAN S1F

116523

MIDDLEVALE TOP MOZART S2F

118571



Daughter: #892 Davison Family Dairies Ltd, Leeston



MIDDLEVALE TOP MOZART S2F

DOB: 5/09/15 **A2A2** KCAS: AB

A2
A2 **FE**

DOB: 4/09/17 **A1A2** KCAS: AB

OAD

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	354 / 98	331	225	1225	2.4	51.5
BA	124 / -	-	-	-	1.1	55

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	369 / 86	404	186	1325	2.6	40.5
BA	124 / -	-	-	-	1.1	55

CRV EFFICIENCY 4%

2642 dtrs | 374 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	585	27	3.9	49	5.1	76
BA	915	32	3.8	24	4.4	56

CRV EFFICIENCY 7%

106 dtrs | 33 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1350	48	3.7	44	4.4	92
BA	915	32	3.8	24	4.4	56

CRV HEALTH 1%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	2.4	0.08	-0.46	4.7	0	-2.9
BA	-4.3	0.0	0.04	1.8	0.9	-2.3

CRV HEALTH 4%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	2	0.06	0.68	1.2	0	-1.7
BA	-4.3	0.0	0.04	1.8	0.9	-2.3

Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.12	0.21				
Shed temperament	0.12	0.21				
Milking speed	0.17	0.05				
Overall opinion	0.10	0.30				

Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.33	0.21				
Shed temperament	0.32	0.21				
Milking speed	0.32	0.05				
Overall opinion	0.48	0.30				

Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	0.69	0.99				
Capacity	0.64	0.17				
Rump angle	0.11	-0.04				
Rump width	0.89	0.45				
Legs	0.03	-0.11				
Udder support	0.22	0.54				
Front udder	0.60	0.41				
Rear udder	0.29	0.41				
Front teat	-0.24	0.21				
Rear teat	-0.34	0.44				
Teat length	-0.20	-0.21				
Udder overall	0.26	0.53				
Dairy conformation	0.65	0.32				

Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	0.68	0.99				
Capacity	0.75	0.17				
Rump angle	0.37	-0.04				
Rump width	0.37	0.45				
Legs	0.04	-0.11				
Udder support	0.68	0.54				
Front udder	0.45	0.41				
Rear udder	0.37	0.41				
Front teat	0.52	0.21				
Rear teat	0.93	0.44				
Teat length	-0.40	-0.21				
Udder overall	0.65	0.53				
Dairy conformation	0.81	0.32				

PUKETIRO FROSTMAN S1F

BAGWORTH RILEYS GLAMM S2F

BLARIS BOGGOUN ROSCOE S2F

BQKQ-09-36



MAIRE PF GOLDEN BOY S2F

PADRUTTS GB TOPNOTCH S2F

MIDDLEVALE B MERCEDES S3F

SAN RAY FM BEAMER-ET S2F

MIDDLEVALE EXTASY MOLISSA



AMBZED GRAND LENNAN S1F F15J1



Daughter: #29 Davison Family Dairies Ltd, Leeston

ALCAMENO MG ROADSTER S1F

119600



Daughter: #251 South Horizon Farming Ltd, West Otago

A2
A2

DOB: 7/07/18 A2A2 KCAS: BB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	279 / 97	287	177	1263	-1.2	33.3
BA	124 / -	-	-	-	1.1	55



CRV EFFICIENCY 4%

2459 dtrs | 334 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	420	35	4.2	30	4.9	65
BA	915	32	3.8	24	4.4	56



CRV HEALTH 1%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	-5.8	0.08	0.21	1.4	0.5	2
BA	-4.3	0.0	0.04	1.8	0.9	-2.3

Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.33	0.21				
Shed temperament	0.34	0.21				
Milking speed	-0.01	0.05				
Overall opinion	0.45	0.30				

Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	0.36	0.99				
Capacity	0.45	0.17				
Rump angle	-0.38	-0.04				
Rump width	0.51	0.45				
Legs	0.00	-0.11				
Udder support	0.33	0.54				
Front udder	0.32	0.41				
Rear udder	0.15	0.41				
Front teat	0.59	0.21				
Rear teat	0.30	0.44				
Teat length	-0.30	-0.21				
Udder overall	0.50	0.53				
Dairy conformation	0.43	0.32				

INVERNIA TGF IGNITION S3F

MAIRE SPICY GABRIELLA-ET

SAN RAY FM BEAMER-ET S2F

ALCAMENO OM RACHANA



ALCAMENO MG ROADSTER S1F F14J2



Daughter: #520 South Horizon Farming Ltd, West Otago

RIVENDELL MFU SCOTCH

118507



Daughter: #611 Trasi Ltd, Waverley



A2
A2

DOB: 30/07/17 A2A2 KCAS: BB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	356 / 89	442	130	1337	1.8	108
BA	124 / -	-	-	-	1.1	55



CRV EFFICIENCY 4%

155 dtrs | 59 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	2011	70	3.7	55	4.1	125
BA	915	32	3.8	24	4.4	56



CRV HEALTH -1%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	-2.7	0	0.77	6.8	2.8	-2
BA	-4.3	0.0	0.04	1.8	0.9	-2.3

Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.19	0.21				
Shed temperament	0.18	0.21				
Milking speed	0.27	0.05				
Overall opinion	0.42	0.30				

Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	1.56	0.99				
Capacity	0.68	0.17				
Rump angle	0.27	-0.04				
Rump width	0.42	0.45				
Legs	-0.01	-0.11				
Udder support	0.89	0.54				
Front udder	0.61	0.41				
Rear udder	0.84	0.41				
Front teat	0.37	0.21				
Rear teat	0.78	0.44				
Teat length	-0.60	-0.21				
Udder overall	0.91	0.53				
Dairy conformation	1.01	0.32				

FAIRMONT MINT-EDITION

MAIRE OMAN FIRE

ARONAMEE JB JUSTICE

RIVENDELL OMAN SUE S3F



RIVENDELL MFU SCOTCH



Daughter: #418, Westell Properties, Te Awamutu

MEANDER MAX ANCHOR-ET S2F

119527



MEANDER MAX ANCHOR-ET S2F

DOB: 17/07/18 A1A2 KCAS: BB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	491 / 82	531	188	1415	3.2	37.3
BA	124 / -	-	-	-	1.1	55

CRV EFFICIENCY 8%

104 dtrs | 32 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1027	45	3.9	60	5	105
BA	915	32	3.8	24	4.4	56

CRV HEALTH 1%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	2.2	-0.04	-0.09	1.9	1.6	-0.8
BA	-4.3	0.0	0.04	1.8	0.9	-2.3

Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.61	0.21	[Bar chart]			
Shed temperament	0.63	0.21	[Bar chart]			
Milking speed	0.03	0.05	[Bar chart]			
Overall opinion	0.67	0.30	[Bar chart]			

Conformation

93 dtrs TOP

	BV	BA	-0.5	0	0.5	1.0
Stature	0.36	0.99	[Bar chart]			
Capacity	0.74	0.17	[Bar chart]			
Rump angle	0.04	-0.04	[Bar chart]			
Rump width	0.62	0.45	[Bar chart]			
Legs	-0.05	-0.11	[Bar chart]			
Udder support	0.91	0.54	[Bar chart]			
Front udder	0.85	0.41	[Bar chart]			
Rear udder	0.56	0.41	[Bar chart]			
Front teat	0.53	0.21	[Bar chart]			
Rear teat	0.83	0.44	[Bar chart]			
Teat length	-0.20	-0.21	[Bar chart]			
Udder overall	0.93	0.53	[Bar chart]			
Dairy conformation	0.75	0.32	[Bar chart]			

BOTHWELL WT MAXIMA S2F
MEANDER INCA AVRIL-ET S3F

WAIJU MAX TOMMO S3F

GYDELAND EXCEL INCA S3F
MEANDER FMI APRIL S2F



LIGHTBURN GOLD GETAFIX-ET

120548



LIGHTBURN GOLD GETAFIX-ET

DOB: 24/07/19 A1A2 KCAS: AB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	568 / 79	532	147	1430	1.4	61
BA	124 / -	-	-	-	1.1	55

CRV EFFICIENCY 6%

72 dtrs | 29 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1502	62	3.9	80	4.9	142
BA	915	32	3.8	24	4.4	56

CRV HEALTH 1%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	-4.7	0.08	0.29	2.2	0.2	-5.7
BA	-4.3	0.0	0.04	1.8	0.9	-2.3

Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.49	0.21	[Bar chart]			
Shed temperament	0.49	0.21	[Bar chart]			
Milking speed	0.32	0.05	[Bar chart]			
Overall opinion	0.59	0.30	[Bar chart]			

Conformation

68 dtrs TOP

	BV	BA	-0.5	0	0.5	1.0
Stature	0.72	0.99	[Bar chart]			
Capacity	0.91	0.17	[Bar chart]			
Rump angle	-0.34	-0.04	[Bar chart]			
Rump width	0.06	0.45	[Bar chart]			
Legs	0.16	-0.11	[Bar chart]			
Udder support	0.46	0.54	[Bar chart]			
Front udder	0.58	0.41	[Bar chart]			
Rear udder	0.05	0.41	[Bar chart]			
Front teat	0.20	0.21	[Bar chart]			
Rear teat	0.51	0.44	[Bar chart]			
Teat length	-0.30	-0.21	[Bar chart]			
Udder overall	0.37	0.53	[Bar chart]			
Dairy conformation	0.88	0.32	[Bar chart]			

MAIRE FI GOLDDIGGER
LIGHTBURN HOT GWEN-ET S3F

FARISIDE M ILLUSTRIOUS S3F

MAIRE FIRENZE GINA-ET

MOURNE GROVE HOTHOUSE S2F
LIGHTBURN IGN GRETA-ET



TARAMONT DERRICK F12J4

519655



Daughter: #185 South Horizon Farming Ltd, West Otago

A2
A2 **OAD** **LowN**

DOB: 3/08/18 **A2A2** KCAS: AB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	483 / 95	464	164	1417	2.5	-1.1
BA	226 / -	-	-	-	1.3	1.0

CRV EFFICIENCY 9%

539 dtrs | 79 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	673	45	4.2	59	5.3	104
BA	338	24	4.0	27	5.0	51

CRV HEALTH -2%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	-5.7	-0.17	0.3	-1	-0.1	-0.4
BA	-2.7	-0.01	0.09	0.1	-0.2	-3.3

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.29	0.20				
Shed temperament	0.28	0.20				
Milking speed	0.34	0.09				
Overall opinion	0.42	0.24				

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	-0.14	-0.12				
Capacity	0.09	0.33				
Rump angle	-0.45	-0.07				
Rump width	0.36	0.13				
Legs	0.14	0.05				
Udder support	0.50	0.28				
Front udder	0.35	0.25				
Rear udder	0.19	0.31				
Front teat	0.45	0.06				
Rear teat	0.71	0.23				
Teat length	-0.40	-0.17				
Udder overall	0.48	0.29				
Dairy conformation	0.23	0.32				

EDGECOMBE SB TATAWAI SIF
TARAMONT CK DAKOTA

SAN RAY FM BEAMER-ET S2F

388

HOWIES CHECKPOINT

WAIJAU OBSERVER DELIA



TARAMONT DERRICK F12J4



Daughter: #238 Chris McCormack & Aleisha Butler, Whakatane

ARKANS GURKHA J9F7

517668



Daughter: #22 PJ & PJ Rockell, New Plymouth

LowN

DOB: 7/08/16 **A1A2** KCAS: BB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	382 / 95	365	195	1335	2	-31.1
BA	226 / -	-	-	-	1.3	1.0

CRV EFFICIENCY 7%

884 dtrs | 140 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	141	23	4.2	37	5.4	60
BA	338	24	4.0	27	5.0	51

CRV HEALTH 3%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	0.5	-0.01	0.33	-1.2	-1.4	0.3
BA	-2.7	-0.01	0.09	0.1	-0.2	-3.3

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.36	0.20				
Shed temperament	0.36	0.20				
Milking speed	0.34	0.09				
Overall opinion	0.52	0.24				

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	-0.31	-0.12				
Capacity	0.68	0.33				
Rump angle	0.22	-0.07				
Rump width	0.30	0.13				
Legs	0.23	0.05				
Udder support	0.48	0.28				
Front udder	0.22	0.25				
Rear udder	0.68	0.31				
Front teat	0.14	0.06				
Rear teat	0.52	0.23				
Teat length	-0.60	-0.17				
Udder overall	0.51	0.29				
Dairy conformation	0.70	0.32				

SAN RAY FM BEAMER-ET S2F
GLOBAL GENETIC GOLD S3J

FAIRMONT MINT-EDITION

SRB KEREDENE SKELTON BUST

PUHIPUHI CAPS GOLDIE S3J

JAYDEE LADY GOLDIE



ARKANS GURKHA J9F7



Daughter: #175 PJ & PJ Rockell, New Plymouth

PAYNES HAYLOFT ET F11J5

522665



PAYNES HAYLOFT ET F11J5

A2
A2 OAD

DOB: 14/09/21 A2A2 KCAS: BB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	437 / 36	418	129		1.0	-10
BA	226 / -	-	-	-	1.3	1.0

CRV EFFICIENCY 11%

0 dtrs | 0 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	372	34	4.1	43	5.3	77
BA	338	24	4.0	27	5.0	51

CRV HEALTH 2%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	5.3	0.01	0.17	-0.8	-0.2	-5.4
BA	-2.7	-0.01	0.09	0.1	-0.2	-3.3

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.10	0.20				
Shed temperament	0.10	0.20				
Milking speed	-0.01	0.09				
Overall opinion	0.17	0.24				

Conformation	BV	BA	-0.5	0	0.5	Odtrs TOP	1.0
Stature	0.11	-0.12					
Capacity	0.51	0.33					
Rump angle	0.25	-0.07					
Rump width	0.23	0.13					
Legs	0.14	0.05					
Udder support	0.25	0.28					
Front udder	0.26	0.25					
Rear udder	0.41	0.31					
Front teat	0.09	0.06					
Rear teat	-0.12	0.23					
Teat length	-0.08	-0.17					
Udder overall	0.37	0.29					
Dairy conformation	0.45	0.32					

BUSY BROOK OMAH-ET OC S2F

WITTENHAM TERRIFIC POLLY

SAN RAY FM BEAMER-ET S2F

PAYNES PEARL



PAYNES KINGFISHER ET F9J7

521650



PAYNES KINGFISHER ET F9J7

A2
A2

DOB: 30/04/20 A2A2 KCAS:

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	306 / 38	306	154		1.6	1
BA	226 / -	-	-	-	1.3	1.0

CRV EFFICIENCY 5%

0 dtrs | 0 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	161	23	4.0	29	5.2	52
BA	338	24	4.0	27	5.0	51

CRV HEALTH 3%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	1.9	0.06	0.12	1.0	0.4	-3.2
BA	-2.7	-0.01	0.09	0.1	-0.2	-3.3

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.21	0.20				
Shed temperament	0.21	0.20				
Milking speed	0.09	0.09				
Overall opinion	0.31	0.24				

Conformation	BV	BA	-0.5	0	0.5	Odtrs TOP	1.0
Stature	0.13	-0.12					
Capacity	0.09	0.33					
Rump angle	-0.09	-0.07					
Rump width	-0.05	0.13					
Legs	0.01	0.05					
Udder support	0.62	0.28					
Front udder	0.45	0.25					
Rear udder	0.65	0.31					
Front teat	0.33	0.06					
Rear teat	0.31	0.23					
Teat length	-0.07	-0.17					
Udder overall	0.72	0.29					
Dairy conformation	0.31	0.32					

LYNBROOK TERRIFIC ET S3J

LOCKHART 08-25 S0J

MEANDER ML RAMPANT S1F

PAYNES HH PAISLEY-ET S2F



WITTENHAM PITCAIRN F11J5
PAYNES PENNY

LOCKHART LT COASTAL JC15
PAYNES RAM PAISLEY-ET S1F

TURNWALD KOROMIKO F10J6

518673



TURNWALD KOROMIKO F10J6

A2
A2 FE LowN

DOB: 27/08/17 A2A2 KCAS: BB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	404 / 88	421	139	1340	3.5	38.9
BA	226 / -	-	-	-	1.3	1.0

CRV EFFICIENCY 6% 261 dtrs | 45 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	726	37	4	58	5.2	95
BA	338	24	4.0	27	5.0	51

CRV HEALTH -1%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	0	-0.08	0.39	1	-0.8	0.9
BA	-2.7	-0.01	0.09	0.1	-0.2	-3.3

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.18	0.20				
Shed temperament	0.18	0.20				
Milking speed	-0.04	0.09				
Overall opinion	0.25	0.24				

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	0.44	-0.12				
Capacity	0.92	0.33				
Rump angle	-0.37	-0.07				
Rump width	0.27	0.13				
Legs	0.14	0.05				
Udder support	0.76	0.28				
Front udder	0.68	0.25				
Rear udder	0.70	0.31				
Front teat	0.41	0.06				
Rear teat	0.87	0.23				
Teat length	-0.50	-0.17				
Udder overall	0.81	0.29				
Dairy conformation	0.87	0.32				

FAIRMONT MINT-EDITION

PRIESTS SIERRA

HHRV-07-32

MARKIN RAINDANCE



Daughter: #78 GS & SR MacRae, Whataroa



Daughter: #22 GS & SR MacRae, Whataroa

TURNWALD MOREPORK F10J6

521657



TURNWALD MOREPORK F10J6

A2
A2

DOB: 09/08/20 A2A2 KCAS:

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	239 / 37	247	197		2.2	23
BA	226 / -	-	-	-	1.3	1.0

CRV EFFICIENCY 2% 0 dtrs | 0 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	160	22	4.0	25	5.1	47
BA	338	24	4.0	27	5.0	51

CRV HEALTH 4%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	1.9	0.02	-0.09	0.9	-0.7	-2.5
BA	-2.7	-0.01	0.09	0.1	-0.2	-3.3

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.26	0.20				
Shed temperament	0.27	0.20				
Milking speed	0.01	0.09				
Overall opinion	0.29	0.24				

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	-0.18	-0.12				
Capacity	0.69	0.33				
Rump angle	-0.32	-0.07				
Rump width	0.18	0.13				
Legs	0.05	0.05				
Udder support	0.17	0.28				
Front udder	0.20	0.25				
Rear udder	0.25	0.31				
Front teat	0.01	0.06				
Rear teat	0.38	0.23				
Teat length	-0.15	-0.17				
Udder overall	0.16	0.29				
Dairy conformation	0.51	0.32				

VANSTRAALENS VIBE

WOODWARDS SPOT ON
CRV CONTRACT 2020

BDRB-08-9

GARLYNS UNSTOPABLE

KDY-14-32



SOUTH SKY PREMIER F12J4

520656



SOUTH SKY PREMIER F12J4

A2
A2

DOB: 15/08/19 A2A2 KCAS: BB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	368 / 87	408	149	1324	-1.4	17.8
BA	226 / -	-	-	-	1.3	1.0

CRV EFFICIENCY 6%

161 dtrs | 36 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	539	37	4.1	39	5	76
BA	338	24	4.0	27	5.0	51

CRV HEALTH 2%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	2.3	-0.23	-0.14	-1	0.3	-2.7
BA	-2.7	-0.01	0.09	0.1	-0.2	-3.3

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.00	0.20				
Shed temperament	0.01	0.20				
Milking speed	-0.09	0.09				
Overall opinion	0.08	0.24				

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	0.32	-0.12				
Capacity	0.10	0.33				
Rump angle	-0.46	-0.07				
Rump width	-0.22	0.13				
Legs	0.10	0.05				
Udder support	0.54	0.28				
Front udder	0.44	0.25				
Rear udder	0.44	0.31				
Front teat	0.34	0.06				
Rear teat	0.00	0.23				
Teat length	-0.40	-0.17				
Udder overall	0.65	0.29				
Dairy conformation	0.10	0.32				

MARCHEL FIRE MACCA-OC S2F

KIWI EXTASY OLIVE S2F

PUKEROA TGM MANZELLO



BUSY BROOK OMAH-ET-OC S2F

CAMPBELL F8J8

520657



CAMPBELL F8J8

DOB: 19/08/19 A2A2 KCAS: BB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	499 / 83	479	181	1394	0.1	-15.2
BA	226 / -	-	-	-	1.3	1.0

CRV EFFICIENCY 8%

111 dtrs | 28 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	391	35	4.2	45	5.3	80
BA	338	24	4.0	27	5.0	51

CRV HEALTH 3%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	3.7	0.01	-0.05	-1.1	-0.3	-6.1
BA	-2.7	-0.01	0.09	0.1	-0.2	-3.3

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.29	0.20				
Shed temperament	0.29	0.20				
Milking speed	0.19	0.09				
Overall opinion	0.27	0.24				

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	-0.28	-0.12				
Capacity	0.37	0.33				
Rump angle	0.09	-0.07				
Rump width	0.73	0.13				
Legs	0.19	0.05				
Udder support	0.39	0.28				
Front udder	0.39	0.25				
Rear udder	0.44	0.31				
Front teat	0.41	0.06				
Rear teat	0.07	0.23				
Teat length	0.70	-0.17				
Udder overall	0.59	0.29				
Dairy conformation	0.30	0.32				

PUKETAWA AD SUPERSTITION

BRAEDENE LIKABULL TASH ET

ROYSON JUSTICE PHONIC S2F

FARWEST FME DOLLY S0F



BRAEDENE PAS TRIPLESTAR

FARWEST RJP DELIA-ET S1F

HOWARDS MATAKANA F11J5

520651



HOWARDS MATAKANA F11J5

DOB: 3/08/19 A1A2 KCAS: AB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	396 / 82	430	143	1378	0.4	0
BA	226 / -	-	-	-	1.3	1.0

CRV EFFICIENCY 7%

106 dtrs | 33 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	675	42	4.1	34	4.8	76
BA	338	24	4.0	27	5.0	51

CRV HEALTH 0%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	-0.6	-0.15	-0.16	-1.7	0	-5.6
BA	-2.7	-0.01	0.09	0.1	-0.2	-3.3

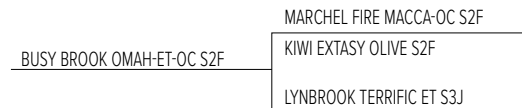
Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.34	0.20				
Shed temperament	0.34	0.20				
Milking speed	0.15	0.09				
Overall opinion	0.37	0.24				

Conformation

83 dtrs TOP

	BV	BA	-0.5	0	0.5	1.0
Stature	0.03	-0.12				
Capacity	0.45	0.33				
Rump angle	-0.39	-0.07				
Rump width	-0.10	0.13				
Legs	0.17	0.05				
Udder support	0.50	0.28				
Front udder	0.14	0.25				
Rear udder	0.56	0.31				
Front teat	0.36	0.06				
Rear teat	0.81	0.23				
Teat length	-0.40	-0.17				
Udder overall	0.52	0.29				
Dairy conformation	0.41	0.32				



TARAMONT SHIPYARD F10J6

522653



TARAMONT SHIPYARD F10J6

A2 A2 OAD

DOB: 19/08/21 A2A2 KCAS:

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	392 / 34	390	119		0.4	13
BA	226 / -	-	-	-	1.3	1.0

CRV EFFICIENCY 8%

0 dtrs | 0 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	492	41	4.1	44	5.1	85
BA	338	24	4.0	27	5.0	51

CRV HEALTH 0%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	0.6	0.00	0.47	-0.2	-0.4	-7.5
BA	-2.7	-0.01	0.09	0.1	-0.2	-3.3

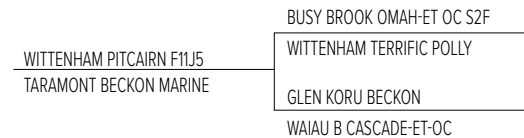
Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.15	0.20				
Shed temperament	0.16	0.20				
Milking speed	0.02	0.09				
Overall opinion	0.23	0.24				

Conformation

0 dtrs TOP

	BV	BA	-0.5	0	0.5	1.0
Stature	0.13	-0.12				
Capacity	0.42	0.33				
Rump angle	-0.20	-0.07				
Rump width	0.23	0.13				
Legs	0.11	0.05				
Udder support	0.33	0.28				
Front udder	0.33	0.25				
Rear udder	0.29	0.31				
Front teat	0.18	0.06				
Rear teat	0.09	0.23				
Teat length	0.20	-0.17				
Udder overall	0.40	0.29				
Dairy conformation	0.39	0.32				



LYNBROOK FLOYD GIBSON ET

320537



LYNBROOK FLOYD GIBSON ET

A2
A2

DOB: 22/07/19 A2A2 KCAS: BB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	398 / 83	366	317	1288	3.8	-18.5
BA	223 / -	-	-	-	0.9	-50

CRV EFFICIENCY 8%

114 dtrs | 38 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	-37	19	4.2	29	5.4	48
BA	-250	6	4.2	18	5.4	24

CRV HEALTH 7%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	4.2	0.17	-0.36	-3.5	-0.7	0.1
BA	-0.7	-0.04	-0.14	-1.9	-0.8	-1.2

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.03	0.20				
Shed temperament	0.02	0.20				
Milking speed	0.09	0.09				
Overall opinion	0.23	0.24				

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	-0.19	-0.12				
Capacity	0.33	0.33				
Rump angle	0.21	-0.07				
Rump width	0.26	0.13				
Legs	-0.04	0.05				
Udder support	0.22	0.28				
Front udder	0.38	0.25				
Rear udder	0.51	0.31				
Front teat	0.08	0.06				
Rear teat	-0.16	0.23				
Teat length	-0.10	-0.17				
Udder overall	0.42	0.29				
Dairy conformation	0.39	0.32				

BELLS OI FLOYD S3J
LYNBROOK MISS GOLDIE

OKURA LT INTEGRITY

BELLS FIONA S2J

ARRIETA NN DEGREE ET

GLOBAL GENETIC GOLD S3J

AE
8/12/23

CLUAIN PRESELY MONDALE

318508



Daughter: #451 Waimumu Downs Ltd, Gore

A2
A2

DOB: 31/07/17 A2A2 KCAS: BB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	467 / 89	449	204	1365	3.3	-53.4
BA	223 / -	-	-	-	0.9	-50

CRV EFFICIENCY 9%

128 dtrs | 47 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	14	15	4.1	32	5.4	47
BA	-250	6	4.2	18	5.4	24

CRV HEALTH 3%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	7.7	-0.01	-0.79	0.4	0.2	-8.6
BA	-0.7	-0.04	-0.14	-1.9	-0.8	-1.2

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	-0.03	0.20				
Shed temperament	-0.05	0.20				
Milking speed	0.22	0.09				
Overall opinion	0.20	0.24				

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	-1.01	-0.12				
Capacity	0.24	0.33				
Rump angle	-0.23	-0.07				
Rump width	-0.30	0.13				
Legs	0.17	0.05				
Udder support	0.50	0.28				
Front udder	0.65	0.25				
Rear udder	0.91	0.31				
Front teat	0.38	0.06				
Rear teat	-0.06	0.23				
Teat length	0.00	-0.17				
Udder overall	0.86	0.29				
Dairy conformation	0.29	0.32				

FREYDAN GOLDIE PRESELY ET
CLUAIN WALKER MARILYN

PUHIPUHI CAPS GOLDIE S3J

APONGA PAIR ET

PUKEROA GUN WALKER JG

CLUAIN MUR MINTY S3J

AE
8/12/23



CLUAIN PRESELY MONDALE



Daughter: #196 Waimumu Downs Ltd, Gore

ELLISON INTEGRITY KAKA

319603



Daughter: #123 S Thomson & R Philpott, Warkworth

LowN

DOB: 13/07/18 A1A2 KCAS: BB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	527 / 91	484	223	1389	3.1	-22.9
BA	223 / -	-	-	-	0.9	-50

CRV EFFICIENCY 9%

197 dtrs | 53 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	195	27	4.2	38	5.3	65
BA	-250	6	4.2	18	5.4	24

CRV HEALTH 6%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	8.6	0.22	-0.32	-1.6	-1.4	-8.5
BA	-0.7	-0.04	-0.14	-1.9	-0.8	-1.2

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.20	0.20				
Shed temperament	0.19	0.20				
Milking speed	0.26	0.09				
Overall opinion	0.43	0.24				

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	-1.12	-0.12				
Capacity	0.57	0.33				
Rump angle	-0.09	-0.07				
Rump width	-0.50	0.13				
Legs	0.12	0.05				
Udder support	0.41	0.28				
Front udder	0.22	0.25				
Rear udder	0.90	0.31				
Front teat	0.03	0.06				
Rear teat	0.28	0.23				
Teat length	-0.80	-0.17				
Udder overall	0.53	0.29				
Dairy conformation	0.51	0.32				

LYNBROOK TERRIFIC ET S3J

OKURA LT INTEGRITY
OKURA MANZ KEA

OKURA LIKA I-CHARMAINE ET

PUKEROA TGM MANZELLO

OKURA OLM KIWI ET



ELLISON INTEGRITY KAKA



Daughter: #198 S Thomson & R Philpott, Warkworth

LITTLE RIVER NUCLEUS S3J

317513



Daughter: #79 AH & MJ Palmer Whangamata

A2
A2

OAD

LowN

DOB: 8/08/16 A2A2 KCAS: AB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	510 / 97	508	208	1408	2	-46.7
BA	223 / -	-	-	-	0.9	-50

CRV EFFICIENCY 9%

846 dtrs | 164 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	-32	22	4.3	36	5.6	58
BA	-250	6	4.2	18	5.4	24

CRV HEALTH 8%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	9.4	-0.02	-0.53	-2.9	-0.7	2.1
BA	-0.7	-0.04	-0.14	-1.9	-0.8	-1.2

Shed Traits	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.43	0.20				
Shed temperament	0.44	0.20				
Milking speed	0.22	0.09				
Overall opinion	0.42	0.24				

Conformation	BV	BA	-0.5	0	0.5	1.0
Stature	-0.66	-0.12				
Capacity	0.23	0.33				
Rump angle	-0.41	-0.07				
Rump width	-0.77	0.13				
Legs	0.09	0.05				
Udder support	0.43	0.28				
Front udder	0.32	0.25				
Rear udder	0.93	0.31				
Front teat	0.39	0.06				
Rear teat	0.21	0.23				
Teat length	0.00	-0.17				
Udder overall	0.74	0.29				
Dairy conformation	0.25	0.32				

WILLIAMS TGM HENRY

STRATFORD WTH STRIDER S2J
LITTLE RIVER MAU NITA S3J

STRATFORD DODDYS DAME S3J

MARSDEN SN MAUMAU

LITTLE RIVER NANNY S2J



LITTLE RIVER NUCLEUS S3J



Daughter: #40 AH & MJ Palmer, Whangamata

ELLISON PS TUNGSTEN JC14

318507



Daughter: #96 Macro Family Trust, Opanake

A2
A2 **LowN**

DOB: 20/07/17 **A2A2** KCAS: **BB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	441 / 86	383	228	1308	1.9	-11.8
BA	223 / -	-	-	-	0.9	-50

CRV EFFICIENCY 8%

95 dtrs | 38 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	-49	21	4.3	43	5.7	64
BA	-250	6	4.2	18	5.4	24

CRV HEALTH 4%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	5.9	0.07	-0.02	0.2	-1.5	-5.2
BA	-0.7	-0.04	-0.14	-1.9	-0.8	-1.2

Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.26	0.20				
Shed temperament	0.27	0.20				
Milking speed	0.10	0.09				
Overall opinion	0.26	0.24				

Conformation

89 dtrs TOP

	BV	BA	-0.5	0	0.5	1.0
Stature	-0.60	-0.12				
Capacity	0.89	0.33				
Rump angle	-0.66	-0.07				
Rump width	0.00	0.13				
Legs	0.22	0.05				
Udder support	-0.01	0.28				
Front udder	-0.03	0.25				
Rear udder	0.23	0.31				
Front teat	0.03	0.06				
Rear teat	-0.17	0.23				
Teat length	0.70	-0.17				
Udder overall	0.10	0.29				
Dairy conformation	0.76	0.32				

ARRIETA TGM DIABLO ET

PUKETAWA OM SERENITY

LYNBROOK TERRIFIC ET S3J

ELLISON COMM TAMMYS GIRL



ELLISON PS TUNGSTEN JC14



Daughter: #38 Rich Feet, Maihihi

GLEN KAYCEE SHERLOCK JG

320503



GLEN KAYCEE SHERLOCK JG

A2
A2

DOB: 7/06/19 **A2A2** KCAS: **BB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	629 / 84	582	296	1473	3.2	-21
BA	223 / -	-	-	-	0.9	-50

CRV EFFICIENCY 7%

104 dtrs | 28 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	362	38	4.3	63	5.7	101
BA	-250	6	4.2	18	5.4	24

CRV HEALTH 4%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	3.7	0	-0.28	-2.9	-0.3	-2.7
BA	-0.7	-0.04	-0.14	-1.9	-0.8	-1.2

Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.13	0.20				
Shed temperament	0.13	0.20				
Milking speed	0.11	0.09				
Overall opinion	0.17	0.24				

Conformation

103 dtrs TOP

	BV	BA	-0.5	0	0.5	1.0
Stature	-0.82	-0.12				
Capacity	0.62	0.33				
Rump angle	-0.15	-0.07				
Rump width	-0.72	0.13				
Legs	0.14	0.05				
Udder support	0.30	0.28				
Front udder	0.08	0.25				
Rear udder	0.47	0.31				
Front teat	0.52	0.06				
Rear teat	0.63	0.23				
Teat length	0.20	-0.17				
Udder overall	0.48	0.29				
Dairy conformation	0.54	0.32				

LEITHLEA GUN OF A SUN

PUKEROA ZELLAS BELLERO

OKURA LT INTEGRITY

GLEN KAYCEE SPEED SKATER



PUKEROA GUN WALKER JG
GLEN KAYCEE SKALLYWAG JG

OKURA LT INTEGRITY
GLEN KAYCEE SPEED SKATER

DELTA NIPPON P

20190205

DELTA LIXOR

20201031



DELTA NIPPON P



DELTA LIXOR

DOB: 5/02/19 A2A2 KCAS: BB

DOB: 31/10/20 A1A2 KCAS: BB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	412 / 59	562	218		7	76
BA	124 / -	-	-	-	1.1	55

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	386 / 58	484	180		5	97
BA	124 / -	-	-	-	1.1	55

CRV EFFICIENCY 4%

0 dtrs | 0 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1771	62	3.7	42	4.1	104
BA	915	32	3.8	24	4.4	56

CRV EFFICIENCY 3%

0 dtrs | 0 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1247	50	3.8	43	4.5	93
BA	915	32	3.8	24	4.4	56

CRV HEALTH 8%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	-2.5	-0.1	-0.8	1.3	0.8	-2.0
BA	-4.3	0.0	0.04	1.8	0.9	-2.3

CRV HEALTH 8%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	1.4	0.0	-0.8	0.9	0.5	-6.0
BA	-4.3	0.0	0.04	1.8	0.9	-2.3

Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.5	0.21	[Bar chart]			
Shed temperament	0.4	0.21	[Bar chart]			
Milking speed	0.3	0.05	[Bar chart]			
Overall opinion	0.6	0.30	[Bar chart]			

Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.2	0.21	[Bar chart]			
Shed temperament	0.2	0.21	[Bar chart]			
Milking speed	0.2	0.05	[Bar chart]			
Overall opinion	0.4	0.30	[Bar chart]			

Conformation

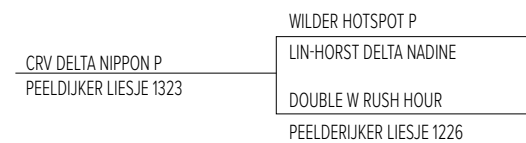
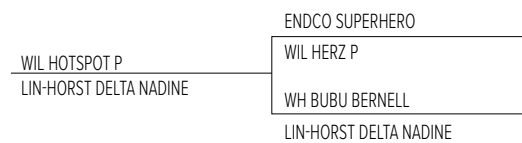
0 dtrs TOP

	BV	BA	-0.5	0	0.5	1.0
Stature	3.0	0.99	[Bar chart]			
Capacity	-0.6	0.17	[Bar chart]			
Rump angle	0.5	-0.04	[Bar chart]			
Rump width	1.4	0.45	[Bar chart]			
Legs	-0.6	-0.11	[Bar chart]			
Udder support	1.8	0.54	[Bar chart]			
Front udder	1.7	0.41	[Bar chart]			
Rear udder	1.5	0.41	[Bar chart]			
Front teat	0.6	0.21	[Bar chart]			
Rear teat	1.2	0.44	[Bar chart]			
Teat length	-0.4	-0.21	[Bar chart]			
Udder overall	1.9	0.53	[Bar chart]			
Dairy conformation	0.5	0.32	[Bar chart]			

Conformation

0 dtrs TOP

	BV	BA	-0.5	0	0.5	1.0
Stature	2.3	0.99	[Bar chart]			
Capacity	-0.2	0.17	[Bar chart]			
Rump angle	0.2	-0.04	[Bar chart]			
Rump width	1.2	0.45	[Bar chart]			
Legs	-0.4	-0.11	[Bar chart]			
Udder support	1.3	0.54	[Bar chart]			
Front udder	1.2	0.41	[Bar chart]			
Rear udder	1.1	0.41	[Bar chart]			
Front teat	0.5	0.21	[Bar chart]			
Rear teat	0.9	0.44	[Bar chart]			
Teat length	-0.7	-0.21	[Bar chart]			
Udder overall	1.4	0.53	[Bar chart]			
Dairy conformation	0.4	0.32	[Bar chart]			





LOWLANDS BELIEVER

DELTA PODIUM

DOB: 22/10/19 A2A2 KCAS: BB

DOB: 07/06/21 A1A2 KCAS: BB

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	379 / 58	417	148		6	46
BA	124 / -	-	-	-	1.1	55

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	365 / 54	404	228		5	102
BA	124 / -	-	-	-	1.1	55

CRV EFFICIENCY 16%

0 dtrs 10 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1252	41	3.6	43	4.5	84
BA	915	32	3.8	24	4.4	56

CRV EFFICIENCY 6%

0 dtrs 10 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	1125	37	3.6	47	4.6	84
BA	915	32	3.8	24	4.4	56

CRV HEALTH 8%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	-1.9	0.0	-0.4	1.5	1.0	-5.3
BA	-4.3	0.0	0.04	1.8	0.9	-2.3

CRV HEALTH 8%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	3.2	0.2	-0.7	1.6	0.9	-4.9
BA	-4.3	0.0	0.04	1.8	0.9	-2.3

Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	0.3	0.21				
Shed temperament	0.4	0.21				
Milking speed	0.1	0.05				
Overall opinion	0.5	0.30				

Shed Traits

	BV	BA	-0.5	0	0.5	1.0
Adaptability milking	-0.1	0.21				
Shed temperament	-0.1	0.21				
Milking speed	0.0	0.05				
Overall opinion	0.2	0.30				

Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	2.0	0.99				
Capacity	-0.2	0.17				
Rump angle	0.0	-0.04				
Rump width	0.8	0.45				
Legs	-0.4	-0.11				
Udder support	1.5	0.54				
Front udder	1.0	0.41				
Rear udder	1.3	0.41				
Front teat	0.6	0.21				
Rear teat	1.3	0.44				
Teat length	-0.4	-0.21				
Udder overall	1.4	0.53				
Dairy conformation	0.4	0.32				

Conformation

	BV	BA	-0.5	0	0.5	1.0
Stature	2.4	0.99				
Capacity	0.2	0.17				
Rump angle	0.2	-0.04				
Rump width	1.0	0.45				
Legs	-0.4	-0.11				
Udder support	1.2	0.54				
Front udder	1.0	0.41				
Rear udder	1.2	0.41				
Front teat	0.3	0.21				
Rear teat	0.6	0.44				
Teat length	0.0	-0.21				
Udder overall	1.3	0.53				
Dairy conformation	0.5	0.32				

PEAK CHUCK

COVIK DELTA LORIN

BOMAZ ALTATOPSHOT

DELTA BABETJE 1

DELTA LUNAR
BELDA 1

BOMAZ SKYWALKER

DELTA TRACY

DOUBLE W RANGER

DELTA SWING

DELTA TORNADO
STERKSEL DELTA SABINE



ADDITIONAL TABLE

Name	AB Code	Source	A2	KCAS	BREEDING INDICATORS							CRV EFFICIENCY						
					Breeding Worth / Rel	NZMI	Once-A-Day	Func Survival	Liveweight	Herd Test Dtrs	Production Herds	CRV Efficiency Score (%)	Milk (ltrs)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Protein (kg)
DIPROSE MAST ALPHA -ET S2F	120505	AE	A2A2	AB	419/82	423	1278	3.4	64.2	107	38	5	758	41	4	57	5.1	98
MEANDER ALADIESMAN -ET S1F	120600	AE	A2A2	AB	404/85	438	1302	3.4	55.8	125	32	5	969	42	3.9	45	4.7	87
BUSY BROOK OVERDRAFT S2F	118557	AE	A2A2	BB	307/95	378	1304	-1.9	58.5	2098	258	3	1112	50	3.9	34	4.4	84
MEANDER M REMATCH -ET S3F	115573	AE	A1A1	AB	260/98	283	1241	-0.7	23.9	3145	492	7	705	29	3.8	43	4.9	72
WAIHOU THADIUS MURPHY S3F	113508	AE	A2A2	BE	216/98	263	1201	0	77	3383	433	3	1276	44	3.7	32	4.3	76
GLENMEAD ML MIKADO -ET S1F	116544	AE	A1A1	AB	216/95	261	1275	-0.2	56.7	368	64	-2	506	37	4.1	18	4.6	55
PARKDALE HRS FEDERAL S2F	115575	AE	A2A2	AB	156/98	188	1169	2.1	62.4	8837	952	4	1358	37	3.5	38	4.3	75

Holstein Friesian Breed Average	124/-	-	-	1.1	55	915	32	3.8	24	4.4	56
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CROSSBRED

BROOKSTEAD CEDAR F11J5	518672	AE	A2A2	BB	465/88	426	1345	2.3	22.5	383	62	6	602	40	4.1	50	5.2	90
TARAMONT B JACK-FROST F12J4	517803	AE	A1A2	BB	387/95	383	1314	2	-0.9	1524	205	6	418	35	4.2	40	5.1	75
GREENMILE MOHAKA J12F4	516652	AE	A2A2	AB	370/93	337	1328	2.5	-34.7	373	86	7	69	19	4.1	30	5.3	49
PAYNES PHASER ET F12J4	517677	AE	A2A2	AB	358/97	351	1281	4.6	9.2	2298	212	4	609	30	3.9	31	4.8	61
CANAAN HOKITIKA F13J3	516661	AE	A2A2	AB	351/95	332	1268	3	-4.1	382	57	7	739	35	3.9	32	4.7	67
SARAJEVO F12J4	515663	AE	A2A2	BB	312/96	337	1251	1.9	19	1871	187	5	712	39	4	22	4.5	61
LYNBROOK LT VIKING	515813	AE	A2A2	BB	310/98	295	1264	3.7	-47.1	5411	624	8	122	16	4	15	4.9	31
BURMEISTER KOWHAI F11J5	518667	AE	A2A2	BB	309/93	279	1217	1.4	-3	525	88	6	-29	19	4.2	22	5.3	41
PAYNES ENDOR F9J7	519681	AE	A2A2	BB	297/94	286	1256	0.3	-35.7	363	69	11	437	32	4.1	29	4.9	61
BURGESS KAIMAI F11J5	516655	AE	A1A1	AB	261/94	302	1236	0.1	18.7	358	66	7	681	28	3.8	31	4.7	59
KOUMA TOA J13F3	519680	AE	A2A2	BB	259/95	270	1262	-1.5	-37	486	64	6	-714	6	4.6	14	6	20
BAMFORD KAIHIKU F10J6	516670	AE	A1A2	AB	255/88	286	1243	-0.8	20.2	94	33	5	883	44	4	20	4.4	64
GREENMILE TARARUA F12J4	516660	AE	A2A2	BB	251/98	296	1228	2.6	43.1	2171	254	3	879	34	3.8	19	4.3	53

Crossbred Breed Average	226/-	-	-	1.3	1	338	24	4.0	27	5.0	51
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JERSEY

HOROPITO F GYM ET JC15 PP	318541	AE	A2A2	BB	466/75	405	1341	4.3	-32.7	100	19	1	-187	16	4.3	30	5.6	46
DRUMCLOG MANZELO LUCAS JG	315531	AE	A2A2	BB	380/98	388	1322	0.4	-30.8	2346	388	9	230	21	4	32	5.2	53
AMBZED LT OMEGA ET S3J	316503	AE	A2A2	BB	371/98	327	1316	0	-33.6	2574	384	10	306	23	4	42	5.3	65
RUANUI TERIFIC DIESEL S3J	315526	AE	A2A2	BB	347/99	335	1261	4.5	-26.2	4300	631	6	146	14	4	20	5	34
GLEN LEITH DEGREE OMNIBUS	314502	AE	A2A2	BB	327/98	276	1199	1.8	-38.1	2403	377	7	-222	4	4.1	30	5.7	34
MOUNT COSY T PANTHEON ET	319517	AE	A2A2	BB	321/88	280	1259	-0.6	-77.2	125	35	9	-336	4	4.2	10	5.3	14
PUKEROA GUN WALKER JG	314531	AE	A1A2	BB	299/98	279	1202	0.8	-39.6	2413	409	6	-256	10	4.3	22	5.5	32
GLEN LEITH AND QUIZ S2J	316517	AE	A2A2	BB	290/97	249	1188	1	-38.4	1454	294	8	-193	6	4.1	27	5.6	33
HOROPITO HELM FODEN ET PP	318542	AE	A2A2	BB	241/81	253	1206	1.6	-32.5	92	23	5	-41	7	4	13	5.1	20

Jersey Breed Average	233/-	-	-	0.9	-50	-250	6	4.2	18	5.4	24
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CRV HEALTH							CONFORMATION																
CRV Health Score (%)	Fertility	Body Condition Score	Somatic Cell Score	Heifer Condition Score	Cow CD	Gestation Length	Adaptability milking	Shed Temperament	Milking speed	Overall opinion	Stature	Capacity	Rump angle	Rump Width	Legs	Udder support	Front udder	Rear udder	Front teat	Rear teat	Teat Length	Udder overall	Dairy conformation
0	3.6	-0.01	0.27	2.8	1.6	-8.1	0.63	0.65	0.22	0.55	0.47	0.43	0.43	-0.09	-0.09	0.22	0.09	0.46	0.06	-0.11	-1	0.33	0.41
2	4.5	-0.05	-0.49	0.8	-0.7	-6.2	0.41	0.41	0.27	0.54	0.57	-0.21	-0.49	0.35	-0.12	0.59	0.66	0.4	0.26	-0.09	-0.4	0.68	-0.03
1	2.3	-0.09	0.5	0.1	0.2	-5.3	0.19	0.19	0.09	0.29	0.4	0.67	-0.01	0.37	0.1	0.61	0.26	0.51	0.36	0.76	-0.8	0.58	0.66
-4	-4.7	-0.13	0.37	2.8	0.6	-0.1	0.49	0.5	0.07	0.58	0.65	-0.28	0.09	0.55	-0.32	0.96	0.67	0.68	0.34	0.34	0	0.94	0.08
-1	-1.9	0.12	0.74	2.2	2	-5.3	0.09	0.1	-0.16	0.25	0.83	0.44	0.41	0.73	-0.15	0.85	0.35	0.91	0.38	0.95	-0.6	0.84	0.71
-2	-9.3	0.13	-0.16	1.9	0.3	-5	0.19	0.19	0.16	0.3	0.76	0.58	0.03	0.42	0.05	0.94	0.73	0.94	0.18	0.72	-0.6	0.91	0.65
0	-14.4	0.05	0	-0.1	1.2	1.2	0.56	0.58	0.13	0.62	0.84	0.67	-0.09	0.98	-0.22	0.64	0.38	0.74	0.07	0.31	0	0.63	0.91
	-4.3	0.00	0.04	1.8	0.9	-2.3	0.21	0.21	0.05	0.30	0.99	0.17	-0.04	0.45	-0.11	0.54	0.41	0.41	0.21	0.44	-0.21	0.53	0.32
-2	1.9	0.24	0.71	0.4	-0.1	-2	0.39	0.4	0.01	0.39	0.16	1.14	0.3	0.61	0.16	0.3	0.31	0.24	0.04	-0.17	-0.1	0.32	1.01
-1	2.5	-0.13	0.35	-0.5	-0.7	-3.8	0.2	0.2	0.21	0.21	0.1	0.05	0.21	0.42	0	0.31	0.18	0.24	-0.13	0.17	0.3	0.19	0.32
-1	-0.4	0.05	-0.08	-0.5	-0.9	-5.6	0.5	0.5	0.29	0.6	-0.78	0.47	-0.39	0.1	0.07	0.67	0.41	0.66	0.07	0.39	-0.1	0.62	0.51
1	2.8	0.12	0.03	1	0.2	-4.1	0.12	0.11	0.09	0.26	-0.07	0.56	-0.04	0.26	-0.05	0.5	0.37	0.62	0.08	-0.18	-0.4	0.59	0.52
-5	-0.8	-0.03	-0.09	0.5	0.2	-2.9	0.26	0.27	0.04	0.35	0.01	-0.51	-0.32	-0.04	-0.04	0.31	-0.01	0.21	0.13	0.26	0	0.25	-0.39
2	3.8	0.07	0.23	-0.1	0.2	-1.3	0.4	0.42	0.06	0.33	0.25	0.38	-0.09	0.27	-0.1	0.13	0.41	0.42	-0.29	-0.57	0.1	0.23	0.53
0	6.4	0.1	0.78	-0.7	-1.2	-4.3	0.35	0.36	0.08	0.3	-0.78	0.17	-0.04	-0.13	0.14	0.67	0.67	0.9	0.22	0.14	-0.3	0.85	0.23
2	2.5	0.1	-0.39	0.1	-0.5	-3	0.08	0.09	-0.18	0.12	-0.33	0.32	-0.35	0.17	0.04	0.01	0.35	0.15	-0.04	-0.24	-0.2	0.14	0.18
-1	-1.9	-0.09	0.64	-0.3	-0.4	-1.6	-0.06	-0.06	-0.11	0.09	-0.78	0.64	0.3	0.25	0.11	-0.19	-0.43	0.28	-0.6	-0.29	-0.1	-0.31	0.55
-1	-2	-0.09	-0.38	1.5	1.1	0.2	0.17	0.19	-0.22	0.08	-0.08	-0.07	0.2	0.19	-0.03	0.73	0.54	0.87	0.4	0.42	0	0.89	0.09
2	3.8	-0.14	0.13	-2.2	-1	-2.7	0.37	0.36	0.32	0.46	-0.94	0.73	-0.35	0.09	0.2	0.28	0.48	0.57	0.15	-0.32	0.5	0.54	0.49
-1	-2.3	0.02	0.25	-0.9	-0.4	-2	0.23	0.23	0.2	0.37	-0.25	0.41	-0.22	0.4	0.02	-0.06	0.08	-0.03	-0.1	-0.16	1.5	-0.05	0.46
3	3	0.17	0.17	0.6	-0.4	-5.2	0.39	0.4	0.06	0.44	0.31	0.48	0.23	0.51	0.09	0.74	0.81	0.59	0.2	0.28	-0.6	0.77	0.52
	-2.7	-0.01	0.09	0.1	-0.2	-3.3	0.20	0.20	0.09	0.24	-0.12	0.33	-0.07	0.13	0.05	0.28	0.25	0.31	0.06	0.23	-0.17	0.29	0.32
1	5.4	0.27	-0.95	-2	-0.9	-3.7	0.5	0.51	0.26	0.39	-0.35	0.99	-0.48	-0.15	-0.06	0.03	0.26	0.11	0.07	-0.37	0.9	0.18	0.6
5	2	-0.04	-0.58	0.5	0.1	1.7	0.52	0.52	0.39	0.69	-0.55	0.56	-0.05	-0.08	0.07	0.25	0.58	0.64	0.07	-0.2	0.4	0.51	0.65
-1	-8.6	-0.01	-0.03	1.3	-0.8	-2.5	0.47	0.48	0.19	0.38	-0.99	0.43	-0.24	-0.48	0.2	0.51	0.68	1.11	0	-0.21	0.6	0.79	0.56
5	6.2	0.16	-0.46	-1.2	-0.6	-6	0.28	0.29	-0.06	0.34	-0.8	0.73	0.18	-0.17	0.18	0.39	0.62	0.71	0.12	0.1	-0.2	0.59	0.53
3	9	-0.03	-0.1	-2.1	-1	-4.7	0.01	-0.01	0.35	0.1	-0.72	0.23	-0.2	0.13	0.2	-0.05	0.23	0.36	-0.11	-0.53	0.2	0.17	0.09
5	9.3	0.14	0	-1.6	-0.4	-3	0.53	0.53	0.48	0.62	-1.28	0.64	-0.16	-0.06	0.29	0.03	0.11	0.21	0.12	-0.42	-0.2	0.22	0.35
0	4.2	-0.11	-0.29	-2.2	0.1	-0.4	-0.02	0.02	-0.62	-0.12	-0.66	-0.21	0.37	-0.38	0.01	0.08	-0.29	0.5	0.03	-0.07	0.5	0.18	-0.08
1	5.4	-0.1	-0.12	-1.8	-0.7	-3.7	-0.09	-0.09	-0.04	0.03	-0.79	0.15	-0.38	-0.21	0.13	0	0.06	0.4	-0.2	-0.51	0.7	0.13	0.08
4	5.4	0	-0.23	-0.7	-1.4	1.1	0.51	0.56	-0.28	0.3	-0.47	0.54	-0.54	-0.32	-0.05	0.5	0.72	0.75	0.15	-0.15	0.1	0.73	0.55
	-0.7	-0.04	-0.14	-1.9	-0.8	-1.2	0.20	0.20	0.11	0.20	-0.88	0.25	-0.11	-0.19	0.10	0.18	0.34	0.42	0.09	-0.09	0.08	0.36	0.23



Better cows, better life.

‘We’re passionate about having the cows we want to have in our herd and in our shed.’

Nicki Webster, Dorie, Mid Canterbury.

Good cows produce milk, and great cows do that and much more. Nicki and Peter Webster and their family, with Sharemilkers AJ and Kristy Keller of Dorie, Mid Canterbury are working alongside CRV to craft a herd that is more profitable and a pleasure to milk and manage. We asked Nicki why having better cows leads to a better life with CRV.

CRV 

GO TO CRV4ALL.CO.UK TO FIND YOUR LOCAL BREEDING ADVISOR

BETTER COWS > BETTER LIFE



SireMatch

Get the most out of your herd with breeding support tool, SireMatch.

SireMatch is a report, tailored to your herd and farming situation by CRV's experienced sales consultants. It helps to prevent inbreeding and genetic defects using your cow's pedigree information. It can also indicate the three best bulls to use per cow, based on your preferences.

SireMatch analyses the breed make-up of your herd and can sort the breed information of your cows into separate groups. As a result, you can mate specific bulls to specific breeds of cows in your herd, for example:

- ▶ Your group of Friesian cows to Jersey bulls
- ▶ Your group of Jersey cows to Friesian bulls
- ▶ Your group of Crossbred cows to both Jersey, Friesian and Crossbred bulls

Sexed Semen

Sexed semen, is available from CRV's highest indexing bulls, recognising that farmers want quality replacements from their best cows.

“ The key reasons I chose sexed semen was for faster genetic gain, easier calving and early replacements. ”

Ian Hopping, dairy farmer, Canterbury

Reasons to use frozen sexed semen from CRV include:

- ▶ Accelerate your herds genetic gain.
- ▶ Select from CRV's elite sires.
- ▶ Increase value of surplus calves.

CRV brings world-leading sexed genetics technology to New Zealand



The new sexed semen processing facility near Hamilton.

CRV has collaborated with Genus IntelliGen Technologies to bring a new and innovative sexed semen technology to New Zealand, giving you access to high quality sexed semen to accelerate the genetic gain of your herd.

In January 2022 CRV opened its new sexed semen processing facility at its Bellevue farm near Hamilton.

The cutting-edge technology does not subject semen cells to the high pressures, electric currents and shear forces that are used in the traditional sexed semen technology. This reduces stress on the cells as they are processed.

The innovative technology used at Bellevue means CRV can provide farmers with a high-quality sexed product to help you maximise profitability and achieve genetic gains faster and in a more efficient way.

Sexed semen is available from a selection of CRV's best New Zealand and imported bulls, including the company's stars, such as Scotch, Koromiko and Nucleus. The bulls available are the company's highest indexing bulls, recognising that farmers want quality replacements from their best cows.

Dairy beef specialty breeds

Elite genetics to maximise your dairy beef breeding goal



ANGUS
Husar



BELGIAN BLUE
Flocon



BELGIAN BLUE
Officier PP



CHAROLAIS
Hoff PP



LIMOUSIN
Golias PP



HEREFORD
Character PP



WAGYU
Herkules



BULLSEYE BLUE

Understanding New Zealand Graphs

BREEDING VALUES

New Zealand Animal Evaluation Limited (NZAEL) calculates **Breeding Values (BV)** and **Breeding Worth (BW)** index using information from the sire's relatives (ancestry and progeny) and the sire's own records by comparing it to that of the **Genetic Base Cow**.

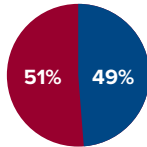
The genetic base cow is the average of a group of well-recorded New Zealand cows (across all breeds) and is updated every five years to reflect genetic progress. BW and BVs are now expressed relative to this genetic base.

BVs are deviations above or below (-) the same genetic base cow (regardless of breed).

NZMI is a CRV index, which breeds towards strong and capacious cows that are efficient producers of high-value milk, with good shed traits, fertility and the udders to keep them profitable and producing in the herd for longer.

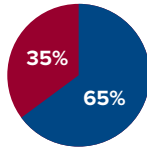
BREEDING VALUES

New Zealand Merit Index - **NZMI**

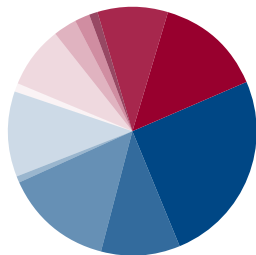


- ▶ A desired gains index with focus on the future.
- ▶ Health traits will become more relevant and therefore have a higher weighting with NZMI.
- ▶ NZMI includes many of the same traits as BW and with the inclusion of key functional traits (Overall Opinion, Capacity, Rump Angle and Calving Difficulty) can be considered BW Plus.
- ▶ NZMI aligns with CRV's global position as a Leader in Health and Efficiency.

Breeding Worth - **BW**



- ▶ Economic index used to rank ability to convert feed into profit.
- ▶ BW has a strong weighting on Efficiency.
- ▶ Traits included in BW are: Protein, Fat, Milk Volume, Liveweight, Fertility, Somatic Cells, Body Condition, Functional Survival and Udder Overall.



■ FatBV	14%	■ CalvingDifficultyBV	1%
■ ProteinBV	25%	■ SomaticCellBV	8%
■ MilkBV	10%	■ OverallOpinionBV	3%
■ LiveweightBV	14%	■ CapacityBV	2%
■ FunctionalSurvivalBV	1%	■ RumpAngleBV	1%
■ FertilityBV	11%	■ UdderOverallBV	9%

BREEDING INDICATORS

NZMI



This is the CRV desired gains index. It aims to breed a productive, long-lasting cow that will typically produce about 450 kgMS a year by balancing production, management and type traits.

BW



Economic index that ranks bulls and cows on their expected ability to breed profitable and efficient replacements.

TOTAL LONGEVITY



The total longevity breeding value is defined as the expected genetic merit of a cow to live for more (or fewer) days of herd life relative to the genetic base cows.

LIVEWEIGHT



Expressed as 5-year-old mature liveweight in kilograms. Breeding values for liveweight are estimated using information that comes from 'traits other than production' (TOP) weight scores of 2-year-old heifers, and from scale weight records of cows measured during one or more of their first 6 lactations.

CRV HEALTH %



The CRV index known as CRV Health helps you select animals that will have fewer incidences of health problems throughout their lifetime.

CRV EFFICIENCY %



The CRV index known as CRV Efficiency helps you easily see the expected efficiency value of an individual sire.

PRODUCTION

MILK (LTS)



This trait measures the expected volume of milk produced by the individual and is of interest due to transport costs associated with moving milk from farms to processing plants around the country. This is why milk is valued negatively in both NZMI and BW.

PROTEIN (KG)



Milk protein is a component of the milk produced by cows and is the most valued output (by processors) from NZ dairy farms. It is also the single most important trait for both NZMI and BW.

FAT



Milk fat is the other component of milk which is paid for by milk processors in NZ and is used in producing lower value commodities such as butter.

MANAGEMENT & HEALTH

FERTILITY

LOW HIGH ▲

Expressed as the percentage of cows pregnant in the 1st 42 days from planned start of mating. A higher fertility breeding value indicates that a bull is expected to have more early pregnant daughters than a bull that has a lower breeding value for fertility.

BODY CONDITION SCORE (BCS)

SHARP COVERED ▲

Body condition score is commonly used as a method to assess body energy reserves.

SOMATIC CELLS SCORE (SCS)

DESIRABLE UNDESIRABLE ▲

Good udder health is typically reflected in low levels of somatic cell counts in milk.

CALVING DIFFICULTY (HFR CD, COW CD)

EASY DIFFICULT ▲

Calving difficulty breeding values are estimated from calving assistance information collected in progeny test herds only or cows that have been TOP inspected as heifers. Sires with negative calving difficulty breeding values will produce progeny that cause less calving difficulties than average.

GESTATION LENGTH

SHORTER LONGER ▲

The number of days shorter or longer than the average gestation period of a dairy cow. Use this strategically to tighten your calving pattern.

FUNCTIONAL SURVIVAL

LESS MORE ▲

Expressed as the likely percentage of cows surviving to the next lactation independent of culling for low production or poor fertility.

SHED TRAITS

ADAPTABILITY TO MILKING

SLOWLY QUICKLY ▲

A description of how soon the animal settled into the milking routine after calving specifically taking into account how many milkings before let down was spontaneous and completed without extra attention.

SHED TEMPERAMENT

GRUMPY LOVELY ▲

Measures the temperament of the animal in the shed while being handled and milked. It is a different trait to adaptability to milking as it is assessed once an animal has settled into the milking routine.

MILKING SPEED

SLOW FAST ▲

The length of time from putting on the cups to when the milk flow stops or cups are taken off. Those cows that have nice silky udders (in contrast to meaty, lumpy udders) tend to be quicker milkers.

OVERALL OPINION

POOR WELL-LIKED ▲

A farmer's overall acceptance of the animal as a herd member.

CONFORMATION

STATURE

SHORT TALL ▲

The height at the shoulder of the animal. This trait is measured across all breeds, resulting in all Jerseys being negative on the breeding values bar graph, Ayrshires being intermediate and Friesians being mainly positive.

CAPACITY

FRAIL CAPACIOUS ▲

Combination of strength and depth of chest and body as viewed from side, rear and front in relation to the physical size of the cow. This is an important trait and reflects an animal's ability to convert feed into milk and withstand the rigours of life.

RUMP ANGLE

HIGH SLOPING ▲

Describes the angle between the centre of the hip and the top of the pin bone. A low score indicates the cow has high pins and a high score indicates low pins. A score of 5-6 describes a flat rump to slightly sloping which is optimal.

FRONT UDDER

LOOSE STRONG ▲

Measures the strength of attachment of the fore udder to the body wall.

REAR UDDER

LOOSE STRONG ▲

Describes the height and width of the rear udder attachment as distinct from udder support.

FRONT TEAT

WIDE CLOSE ▲

The placement of the front teats (at the point of attachment to the udder) relative to the centre of the quarters. A low score indicates wide front teats whilst a high score indicates close front teats.

RUMP WIDTH

NARROW WIDE ▲

Distance between the most posterior point of the pin bones relative to the size of the animal. This trait is a good predictor of the width a cow has throughout her body.

LEGS

STRAIGHT CURVED ▲

Measures the angulation or 'set' of the rear legs and is measured from an imaginary line between thurls and mid-hoof while the cow is walking. A low score indicates a straight leg, whilst a high score indicates a sickled or curved leg set. A score close to 5-6 is considered ideal.

UDDER SUPPORT

WEAK STRONG ▲

This trait describes the strength of the suspensory ligament as viewed from the rear. It also includes the udder depth relative to the hocks. Udder support is a very important trait in determining the number of lactations a cow's udder will survive.

REAR TEAT

WIDE CLOSE ▲

The placement of the rear teats (at the point of attachment to the udder) relative to the centre of the quarters. A low score indicates wide rear teats whilst a high score is close and 5 is central.

TEAT LENGTH

SHORT LONG ▲

Length of the rear teats from the udder to the tip of the teat. A score between 4 and 5 is optimum.

UDDER OVERALL

UNDESIRABLE DESIRABLE ▲

The inspector gives an overall score of the udder including any other udder traits not measured before. Udder overall score can be used to simply compare the overall udder standard of bull daughters.

DAIRY CONFORMATION

UNDESIRABLE DESIRABLE ▲

An overall conformation score combining all traits except udder traits. Dairy conformation is a useful trait for simply comparing animals for dairy type.

Reference:

www.dairynz.co.nz/animal/animal-evaluation/interpreting-the-info/genetic-base-cow/

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