Grazing Genetics

CRV – New Zealand

2024

CRV
BETTER COWS >BETTER LIFE

CRV, leading
in **health** and **efficiency**

Delivering Better Cows > Better Life

We asked CRV customers how they worked with CRV to achieve their goals.

Genetics are helping Mark and Teresa Carter breed healthy and efficient cows that are not only helping them achieve their production targets, but their environmental and lifestyle goals too.

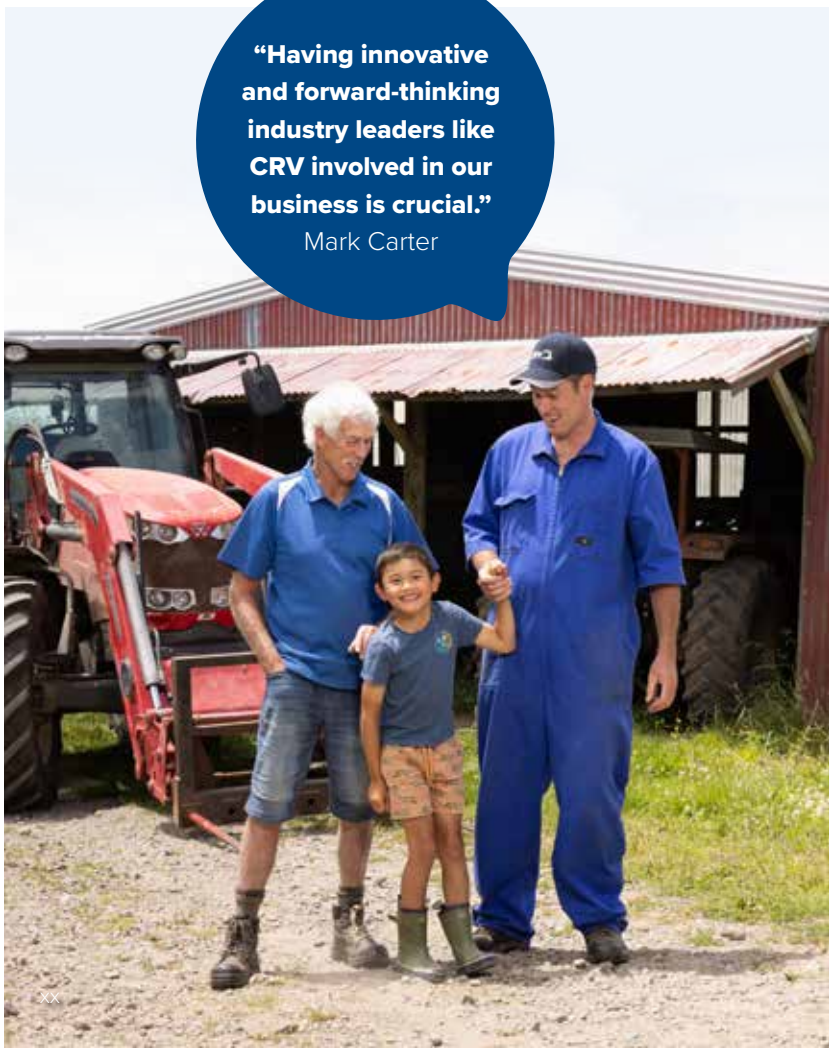
The Taranaki couple has been farming for about 13 years. They left their jobs in Auckland to return to the family farm in 2010. They part own the 108-hectare farm with Mark's parents, Greg and Denise. The family leases a further 70 hectares and runs two herds, about 450 cows in total.

The Carter's are working with CRV to breed animals that produce the same amount of milk using less feed, but also stay in their herd for longer, so they can lower their overall environmental footprint.

"With everything moving and evolving rapidly in our industry, it's more important than ever for dairy farmers to lean on their partners for expert advice and guidance," says Mark. "Having innovative and forward-thinking industry leaders like CRV involved in our business is crucial."

Mark understands that a healthy, trouble-free herd that efficiently converts feed into milk, guarantees high lifetime production.

"Our production needs to be more efficient, but we also need to be more environmentally friendly. Genetics can help us achieve both those goals by shaping what the cow of tomorrow is going to look like, so they've got a big part to play.



"If we think about the outcomes we're trying to achieve on our farm, we're trying to breed an animal that produces milk well, but also has a great temperament and is a pleasure to milk in the shed.

"If a cow can turn grass into more milk every day, that can make big a difference to the number of cows we need in our herd.

Better cows, better life certainly rings true for Mark and Teresa.

Farm details

Mark and Teresa Carter, Taranaki

450 cows

Clear breeding goals help Southland farmers realise their dream.

Over the last 13 years, Southland dairy farmers Caleb and Paula Hamill have worked hard to realise their dream of farm ownership. Setting firm goals to help fast track the genetic gain of their herd has been one of the keys to their success.

The Hamills started their journey with CRV in 2018 as a Progeny Test farm. They then went on to use a nominated bull team and in recent years have explored the benefits of sexed semen.

Their farm boasts impressive production figures with cows yielding over 2.5 milk solids per cow at peak and holding well through the season. Last season, Caleb and Paula achieved production of 545 kgMS per cow, despite a drop in reproductive performance.

"We grew a lot of feed down here last season, but I expect there wasn't enough guts in it, and we just did too much milk. The cows might have been full but potentially they couldn't eat enough to get the nutrition they needed."

"We had a good open discussion about where we wanted to go and hatched a plan."
Caleb Hamill

This setback prompted Caleb and Paula to sit down with their CRV sales consultant Tony Watt as part of a broader review of their farm operation. They worked together to look at the farm's goals and discuss how they could fine tune their breeding strategy to achieve them.

"Tony used to be our AI technician, so we know him well and we trust him. As an ex-dairy farmer, he knows his stuff, so we had a good open discussion about where we wanted to go and hatched a plan."

Now, with a clear vision for the future, Caleb is focussed on breeding traits into his herd such as capacity, fertility, udder attachment and rump width.

Farm details

Caleb and Paula Hamill, Winton, Southland

465 cows

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

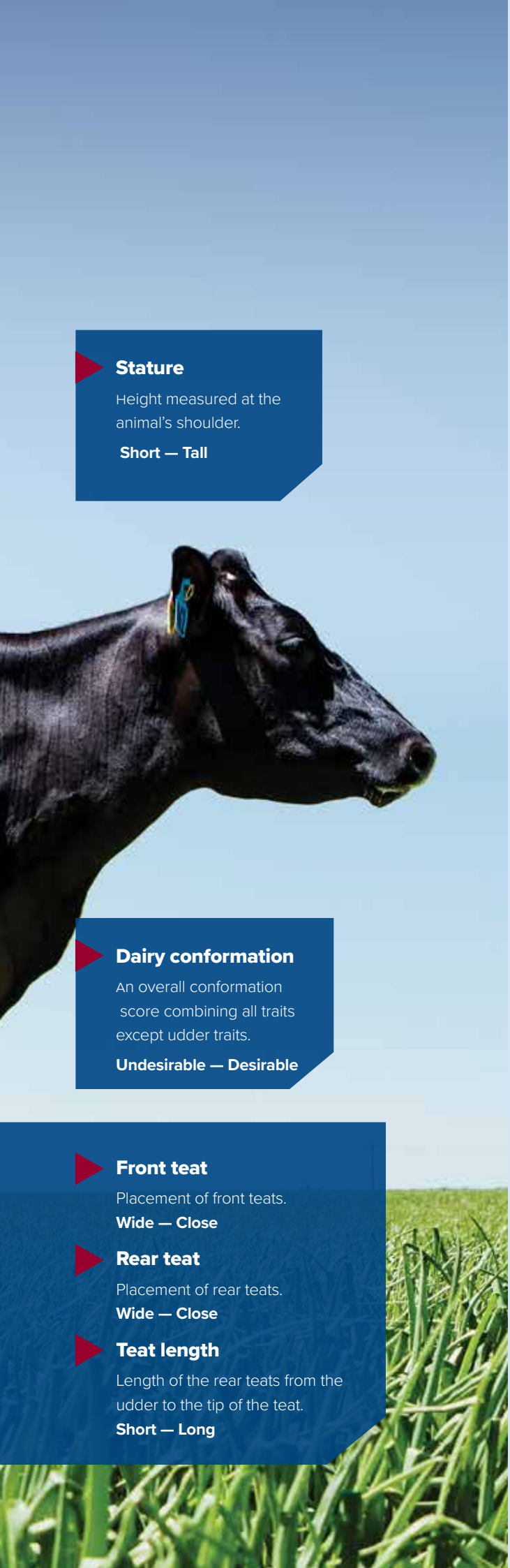
The height and width of the rear udder attachment.

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

Sexed

Sires are available as sexed semen and conventional.

NEW

New

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

Genetic traits

FE — **FE** facial eczema tolerant.

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

SG — **SG** short gestation.

OAD — **OAD** suited to once-a-day milking systems.

NED

Global bulls

Semen imported from CRV Netherlands.

CRV Trait Leaders

CRV **EFFICIENCY**

KENO	10
ANCHOR	10
MOZART	8
HAYLOFT	12
POLAND	10
PRAGUE	10
KAKA	11

CRV **HEALTH**

ALIAS	6
KENO	5
ANCHOR	5
POLAND	7
PRAGUE	7
WAIHEKE	7
KAKA	11

NZMI

ALIAS	499
KENO	497
ANCHOR	479
POLAND	597
CAMPBELL	535
PRAGUE	527
SHERLOCK	562

BREEDING WORTH

ALIAS	468
KENO	467
GETAFIX	430
POLAND	561
PRAGUE	541
HAYLOFT	514
SHERLOCK	596

MILK

SCOTCH	1934
GETAFIX	1175
DIJON	1118
SHIPYARD	1085
WAIHEKE	842
PRAGUE	745
KAKA	174

PROTEIN + FAT

SCOTCH	121
GETAFIX	116
ALIAS	109
SHIPYARD	102
PRAGUE	99
DERRICK	95
SHERLOCK	91

FUNCTIONAL SURVIVAL

ANCHOR	3.4
DIJON	3.2
MOZART	2.7
PRAGUE	5.75
POLAND	5.13
KINGFISHER	4.45
GIBSON	4

FERTILITY

CHECKBOOK	4.4
ANCHOR	3.1
BAZ	3
KINGFISHER	5.6
MOREPORK	5.1
POLAND	5
NUCLEUS	9.9

HEIFER CALVING DIFFICULTY

KENO	-1.6
ALIAS	-0.1
CHECKBOOK	1.2
POLAND	-2.5
MATAKANA	-1.7
PRAGUE	-1.4
GIBSON	-3.4

GESTATION LENGTH

ALIAS	-8.5
KENO	-7.4
BAZ	-7.2
HAYLOFT	-8.7
SHIPYARD	-6.3
CAMPBELL	-6.1
MONDALE	-8.6

UDDER OVERALL

CHUCK	0.97
ANCHOR	0.92
DIJON	0.9
PRAGUE	1.22
WAIHEKE	0.91
PREMIER	0.66
MONDALE	0.86

DAIRY CONFORMATION

SCOTCH	1.01
CHUCK	0.92
GETAFIX	0.91
WAIHEKE	1
GURKHA	0.72
SHIPYARD	0.62
TUNGSTEN	0.76

Estimated Breeding Values based on:

AE 16 AUGUST 2024

INSIRE 26 JULY 2024

MEANDER SB **ALIAS**-ET S2F

117561

Daughter: #48 S & C Porter, Atiamuri

SG

DOB: **25/07/16** **A1A1** KCAS: **BB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**468 / 93**	**499**	**221**	**1360**	**1.8**	**86.4**
BA	177 / -	222		1173	1.1	55

CRV EFFICIENCY 6%

383 dtrs | 97 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**1018**	**48**	**4**	**61**	**5**	**109**
BA	950	33	3.8	26	4.4	59

CRV HEALTH 6%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**3**	**0.05**	**-0.23**	**-0.1**	**0.2**	**-8.5**
BA	-3.2	0.0	0.02	1.8	0.8	-2.4

Shed Traits

	BV	BA
Adaptability milking	**0.23**	0.22
Shed temperament	**0.24**	0.22
Milking speed	**-0.04**	0.05
Overall opinion	**0.35**	0.31

Conformation

114 dtrs TOP

	BV	BA
Stature	**0.86**	0.97
Capacity	**0.79**	0.18
Rump angle	**0.16**	-0.04
Rump width	**0.64**	0.45
Legs	**-0.08**	-0.12
Udder support	**0.74**	0.55
Front udder	**0.62**	0.42
Rear udder	**0.55**	0.42
Front teat	**0.53**	0.22
Rear teat	**0.54**	0.44
Teat length	**-0.60**	-0.22
Udder overall	**0.83**	0.54
Dairy conformation	**0.89**	0.33

BUSY BROOK OMAH-ET-OC S2F
RIDDOCH M NORTH
MARCHEL FIRE MACCA-OC S2F
KIWI EXTASY OLIVE S2F
DICKSONS BG MANDATE S1F

AE 16/08/24

MEANDER SB ALIAS-ET S2F F15J1

Daughter: #1812 McNaull Farming Co Ltd, Waikite Valley

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	**424 / 86**	**479**	**230**	**1366**	**3.4**	**47.3**
BA	177 / -	222		1173	1.1	55

CRV EFFICIENCY 10%

112 dtrs | 35 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**780**	**39**	**4**	**53**	**5**	**92**
BA	950	33	3.8	26	4.4	59

CRV HEALTH 5%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**3.1**	**-0.03**	**-0.01**	**1.8**	**1.6**	**-0.9**
BA	-3.2	0.0	0.02	1.8	0.8	-2.4

Shed Traits

	BV	BA
Adaptability milking	**0.66**	0.22
Shed temperament	**0.68**	0.22
Milking speed	**0.04**	0.05
Overall opinion	**0.71**	0.31

Conformation

95 dtrs TOP

	BV	BA
Stature	**0.37**	0.97
Capacity	**0.75**	0.18
Rump angle	**0.01**	-0.04
Rump width	**0.68**	0.45
Legs	**-0.06**	-0.12
Udder support	**0.92**	0.55
Front udder	**0.84**	0.42
Rear udder	**0.58**	0.42
Front teat	**0.48**	0.22
Rear teat	**0.79**	0.44
Teat length	**-0.20**	-0.22
Udder overall	**0.92**	0.54
Dairy conformation	**0.78**	0.33

LOCKHART LT COASTAL JC15
PAYNES RAM PAISLEY-ET S1F
LYNBROOK TERRIFIC ET S3J
LOCKHART 08-25 S0J
MEANDER ML RAMPANT S1F
PAYNES HH PAISLEY-ET S2F

AE 16/08/24

Daughter: #728 PT & SB Dale, Gore

Daughter: #64 Sion Trust, Hawera

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	**329** / **95**	**392**	**184**	**1259**	**2.6**	**81.4**
BA	177 / -	222		1173	1.1	55

CRV EFFICIENCY 3%

461 dtrs | 112 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**948**	**44**	**3.9**	**38**	**4.6**	**82**
BA	950	33	3.8	26	4.4	59

CRV HEALTH 4%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**3**	**0.08**	**0.01**	**2.6**	**0.8**	**-7.2**
BA	-3.2	0.0	0.02	1.8	0.8	-2.4

Shed Traits

	BV	BA
Adaptability milking	**0.49**	0.22
Shed temperament	**0.49**	0.22
Milking speed	**0.24**	0.05
Overall opinion	**0.60**	0.31

Conformation

107 dtrs TOP

	BV	BA
Stature	**0.58**	0.97
Capacity	**0.29**	0.18
Rump angle	**0.10**	-0.04
Rump width	**0.41**	0.45
Legs	**-0.03**	-0.12
Udder support	**0.48**	0.55
Front udder	**0.27**	0.42
Rear udder	**0.27**	0.42
Front teat	**0.47**	0.22
Rear teat	**0.82**	0.44
Teat length	**-0.70**	-0.22
Udder overall	**0.48**	0.54
Dairy conformation	**0.31**	0.33

BAGWORTH PF GRANDEUR S1F
- PUKETIRO FROSTMAN S1F
- BAGWORTH RILEYS GLAMM S2F
- BLARIS BOGGOUN ROSCOE S2F
- BQKQ-09-36

AE 16/08/24

SPRING RIVER BAZ-ET S2F F15J1

Daughter: #267 Bucklin Farms Limited, Gordonton

SYMES SB **CHECKBOOK** S2F

118508

Daughter: #359 Brunswick Downs 2014 Ltd, Kurow

OAD

DOB: **5/08/17** **A2A2** KCAS: **AB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**378** / **90**	**386**	**246**	**1305**	**2.2**	**4**
BA	177 / -	222		1173	1.1	55

CRV EFFICIENCY 6%

190 dtrs | 61 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**106**	**28**	**4.3**	**35**	**5.4**	**63**
BA	950	33	3.8	26	4.4	59

CRV HEALTH 4%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**4.4**	**0.01**	**0.34**	**1.2**	**0.2**	**1.1**
BA	-3.2	0.0	0.02	1.8	0.8	-2.4

Shed Traits

	BV	BA
Adaptability milking	**0.17**	0.22
Shed temperament	**0.18**	0.22
Milking speed	**0.07**	0.05
Overall opinion	**0.16**	0.31

Conformation

97 dtrs TOP

	BV	BA
Stature	**0.31**	0.97
Capacity	**0.39**	0.18
Rump angle	**-0.07**	-0.04
Rump width	**0.76**	0.45
Legs	**-0.05**	-0.12
Udder support	**0.39**	0.55
Front udder	**0.37**	0.42
Rear udder	**0.40**	0.42
Front teat	**0.11**	0.22
Rear teat	**-0.05**	0.44
Teat length	**0.20**	-0.22
Udder overall	**0.45**	0.54
Dairy conformation	**0.56**	0.33

BUSY BROOK OMAH-ET-OC S2F
- MARCHEL FIRE MACCA-OC S2F
- KIWI EXTASY OLIVE S2F
- LYNBROOK TERRIFIC ET S3J

AE 16/08/24

SYMES SB CHECKBOOK S2F F14J2

Daughter: #174 MK Horsford, Owhango

HILLBRAE GAUNT **CHUCK**-ET

119517

Daughter: #10 DG & LM Little, Arapuni

DOB: **8/02/18** **A2A2** KCAS: **BB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**304** / **98**	**331**	**158**	**1273**	**1.8**	**112.8**
BA	177 / -	222		1173	1.1	55

CRV EFFICIENCY 2%

3612 dtrs | 489 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**588**	**41**	**4.1**	**43**	**5**	**84**
BA	950	33	3.8	26	4.4	59

CRV HEALTH 4%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**-5.5**	**0.32**	**0.13**	**2.7**	**2.6**	**-2.1**
BA	-3.2	0.0	0.02	1.8	0.8	-2.4

Shed Traits

	BV	BA
Adaptability milking	**0.81**	0.22
Shed temperament	**0.82**	0.22
Milking speed	**0.38**	0.05
Overall opinion	**0.93**	0.31

Conformation

211 dtrs TOP

	BV	BA
Stature	**1.38**	0.97
Capacity	**0.81**	0.18
Rump angle	**0.24**	-0.04
Rump width	**0.42**	0.45
Legs	**-0.10**	-0.12
Udder support	**0.81**	0.55
Front udder	**1.09**	0.42
Rear udder	**0.58**	0.42
Front teat	**0.70**	0.22
Rear teat	**1.10**	0.44
Teat length	**-1.50**	-0.22
Udder overall	**0.97**	0.54
Dairy conformation	**0.92**	0.33

FREYDAN GOLDIE PRESELY ET
CLUAIN WALKER MARILYN

PUHIPUHI CAPS GOLDIE S3J
APONGA PAIR ET

PUKEROA GUN WALKER JG
CLUAIN MUR MINTY S3J

AE 16/08/24

HILLBRAE GAUNT CHUCK-ET

Daughter: #137 J & A Taylor, Te Aroha

TRONNOCO FIRE **DIJON** S2F

118513

Daughter: #68 MK Horsford, Owhango

LowN

DOB: **31/07/17** **A2A2** KCAS: **AB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**267** / **89**	**376**	**199**	**1274**	**3.2**	**97.4**
BA	177 / -	222		1173	1.1	55

CRV EFFICIENCY 4%

138 dtrs | 55 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**1118**	**51**	**3.9**	**35**	**4.4**	**86**
BA	950	33	3.8	26	4.4	59

CRV HEALTH 4%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**-4.6**	**0.11**	**0.4**	**3**	**0.5**	**-6.1**
BA	-3.2	0.0	0.02	1.8	0.8	-2.4

Shed Traits

	BV	BA
Adaptability milking	**0.53**	0.22
Shed temperament	**0.55**	0.22
Milking speed	**-0.07**	0.05
Overall opinion	**0.60**	0.31

Conformation

107 dtrs TOP

	BV	BA
Stature	**0.80**	0.97
Capacity	**0.65**	0.18
Rump angle	**0.67**	-0.04
Rump width	**0.43**	0.45
Legs	**0.11**	-0.12
Udder support	**0.97**	0.55
Front udder	**0.58**	0.42
Rear udder	**0.68**	0.42
Front teat	**0.43**	0.22
Rear teat	**0.86**	0.44
Teat length	**-1.00**	-0.22
Udder overall	**0.90**	0.54
Dairy conformation	**0.66**	0.33

WOODWARDS SPOT ON
CRV CONTRACT 2020

VANSTRAALENS VIBE

GARLYNS UNSTOPABULL

AE 16/08/24

TRONNOCO FIRE DIJON S2F

LIGHTBURN GOLD **GETAFIX**-ET

120548

Daughter: #414 Ban-Oir Ltd, Taupiri

OAD

DOB: **24/07/19** **A1A2** KCAS: **AB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**430** / **83**	**380**	**193**	**1330**	**1.2**	**72.2**
BA	177 / -	222		1173	1.1	55

CRV EFFICIENCY 5%

80 dtrs | 30 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**1175**	**51**	**3.9**	**65**	**4.9**	**116**
BA	950	33	3.8	26	4.4	59

CRV HEALTH 2%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**-4.8**	**0.09**	**0.45**	**2**	**0.2**	**-5.7**
BA	-3.2	0.0	0.02	1.8	0.8	-2.4

Shed Traits

	BV	BA
Adaptability milking	**0.49**	0.22
Shed temperament	**0.49**	0.22
Milking speed	**0.22**	0.05
Overall opinion	**0.56**	0.31

Conformation

73 dtrs TOP

	BV	BA
Stature	**0.80**	0.97
Capacity	**0.93**	0.18
Rump angle	**-0.32**	-0.04
Rump width	**0.05**	0.45
Legs	**0.16**	-0.12
Udder support	**0.46**	0.55
Front udder	**0.55**	0.42
Rear udder	**0.03**	0.42
Front teat	**0.17**	0.22
Rear teat	**0.45**	0.44
Teat length	**-0.30**	-0.22
Udder overall	**0.35**	0.54
Dairy conformation	**0.91**	0.33

PADRUTTS GB TOPNOTCH S2F
MIDDLEVALE B MERCEDES S3F
MAIRE PF GOLDEN BOY S2F
SAN RAY FM BEAMER-ET S2F
MIDDLEVALE EXTASY MOLISSA

AE 16/08/24

LIGHTBURN GOLD GETAFIX-ET

Daughter: #161 Lightburn Ltd, Feilding

RIDDOCH OMAH **KENO** S1F

120549

Daughter: #178 Porter Grassroots Ltd, Atiamuri

LowN

DOB: **15/07/19** **A2A2** KCAS: **BB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**467** / **86**	**497**	**142**	**1384**	**0.2**	**-2.7**
BA	177 / -	222		1173	1.1	55

CRV EFFICIENCY 10%

113 dtrs | 33 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**879**	**44**	**4**	**46**	**4.8**	**90**
BA	950	33	3.8	26	4.4	59

CRV HEALTH 5%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**0.9**	**-0.06**	**-0.1**	**-1.6**	**0**	**-7.4**
BA	-3.2	0.0	0.02	1.8	0.8	-2.4

Shed Traits

	BV	BA
Adaptability milking	**0.05**	0.22
Shed temperament	**0.04**	0.22
Milking speed	**0.12**	0.05
Overall opinion	**0.23**	0.31

Conformation

94 dtrs TOP

	BV	BA
Stature	**-0.45**	0.97
Capacity	**0.73**	0.18
Rump angle	**-0.24**	-0.04
Rump width	**0.37**	0.45
Legs	**0.36**	-0.12
Udder support	**0.23**	0.55
Front udder	**0.47**	0.42
Rear udder	**0.10**	0.42
Front teat	**0.32**	0.22
Rear teat	**0.17**	0.44
Teat length	**-0.10**	-0.22
Udder overall	**0.36**	0.54
Dairy conformation	**0.59**	0.33

STRATFORD WTH STRIDER S2J
LITTLE RIVER MAU NITA S3J
WILLIAMS TGM HENRY
STRATFORD DODDYS DAME S3J
MARSDEN SN MAUMAU
LITTLE RIVER NANNY S2J

AE 16/08/24

RIDDOCH OMAH KENO S1F

AMBZED GRAND **LENNAN** S1F

116523

Daughter: #892 Davison Family Dairies Ltd, Leeston

FE

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

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**346** / **98**	**289**	**218**	**1218**	**2.5**	**49.8**
BA	177 / -	222		1173	1.1	55

CRV EFFICIENCY 5%

3607 dtrs | 484 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**490**	**25**	**3.9**	**48**	**5.2**	**73**
BA	950	33	3.8	26	4.4	59

CRV HEALTH 4%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**2.6**	**0.08**	**-0.29**	**4.8**	**0**	**-2.9**
BA	-3.2	0.0	0.02	1.8	0.8	-2.4

Shed Traits

	BV	BA
Adaptability milking	**0.16**	0.22
Shed temperament	**0.16**	0.22
Milking speed	**0.14**	0.05
Overall opinion	**0.13**	0.31

Conformation

203 dtrs TOP

	BV	BA
Stature	**0.69**	0.97
Capacity	**0.62**	0.18
Rump angle	**0.08**	-0.04
Rump width	**0.88**	0.45
Legs	**0.04**	-0.12
Udder support	**0.25**	0.55
Front udder	**0.73**	0.42
Rear udder	**0.34**	0.42
Front teat	**-0.20**	0.22
Rear teat	**-0.33**	0.44
Teat length	**-0.20**	-0.22
Udder overall	**0.33**	0.54
Dairy conformation	**0.66**	0.33

WITTENHAM PITCAIRN F11J5
PAYNES PHOEBE

BUSY BROOK OMAH-ET-OC S2F
WITTENHAM TERRIFIC POLLY
CROSSANS CRITICAL-ET
PAYNES POPPY

AE 16/08/24

AMBZED GRAND LENNAN S1F F15J1

Daughter: #29 Davison Family Dairies Ltd, Leeston

MIDDLEVALE TOP **MOZART** S2F

118571

MIDDLEVALE TOP MOZART S2F

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

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**340** / **87**	**393**	**180**	**1303**	**2.7**	**44.7**
BA	177 / -	222		1173	1.1	55

CRV EFFICIENCY 8%

106 dtrs | 33 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**1106**	**44**	**3.8**	**42**	**4.6**	**86**
BA	950	33	3.8	26	4.4	59

CRV HEALTH 3%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**2.3**	**0.06**	**0.89**	**1.2**	**0**	**-1.7**
BA	-3.2	0.0	0.02	1.8	0.8	-2.4

Shed Traits

	BV	BA
Adaptability milking	**0.33**	0.22
Shed temperament	**0.32**	0.22
Milking speed	**0.32**	0.05
Overall opinion	**0.48**	0.31

Conformation

58 dtrs TOP

	BV	BA
Stature	**0.68**	0.97
Capacity	**0.75**	0.18
Rump angle	**0.37**	-0.04
Rump width	**0.37**	0.45
Legs	**0.05**	-0.12
Udder support	**0.68**	0.55
Front udder	**0.45**	0.42
Rear udder	**0.37**	0.42
Front teat	**0.52**	0.22
Rear teat	**0.94**	0.44
Teat length	**-0.40**	-0.22
Udder overall	**0.65**	0.54
Dairy conformation	**0.81**	0.33

MEANDER SHOT ALIBI-ET S3F
BURGESS MY PEARL S1J

COGENT SUPERSHOT BLF BYF CVF
MEANDER FMI APRIL S2F
LYNBROOK TERRIFIC ET S3J
BURGESS MAPLE-ET-OC S0F

AE 16/08/24

ALCAMENO MG **ROADSTER** S1F

119600

Daughter: #251 South Horizon Farming Ltd, West Otago

OAD

DOB: **7/07/18** **A2A2** KCAS: **BB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**198** / **98**	**195**	**136**	**1192**	**-1**	**29.8**
BA	177 / -	222		1173	1.1	55

CRV EFFICIENCY 3%

3231 dtrs | 412 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**327**	**27**	**4.1**	**26**	**4.9**	**53**
BA	950	33	3.8	26	4.4	59

CRV HEALTH -1%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**-6.8**	**0.09**	**0.52**	**1.8**	**0.4**	**2**
BA	-3.2	0.0	0.02	1.8	0.8	-2.4

Shed Traits

	BV	BA
Adaptability milking	**0.24**	0.22
Shed temperament	**0.24**	0.22
Milking speed	**0.03**	0.05
Overall opinion	**0.36**	0.31

Conformation

207 dtrs TOP

	BV	BA
Stature	**0.37**	0.97
Capacity	**0.42**	0.18
Rump angle	**-0.37**	-0.04
Rump width	**0.53**	0.45
Legs	**-0.03**	-0.12
Udder support	**0.32**	0.55
Front udder	**0.27**	0.42
Rear udder	**0.15**	0.42
Front teat	**0.55**	0.22
Rear teat	**0.30**	0.44
Teat length	**-0.30**	-0.22
Udder overall	**0.47**	0.54
Dairy conformation	**0.41**	0.33

BUSY BROOK OMAH-ET-OC S2F
- MARCHEL FIRE MACCA-OC S2F
- KIWI EXTASY OLIVE S2F
- PUKEROA TGM MANZELLO

AE 16/08/24

ALCAMENO MG ROADSTER S1F F14J2

Daughter: #520 South Horizon Farming Ltd, West Otago

RIVENDELL MFU **SCOTCH**

118507

Daughter: #611 Trasi Ltd, Waverley

DOB: **30/07/17** **A2A2** KCAS: **BB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**317** / **91**	**408**	**108**	**1298**	**1.9**	**124.7**
BA	177 / -	222		1173	1.1	55

CRV EFFICIENCY 7%

160 dtrs | 61 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**1934**	**66**	**3.7**	**55**	**4.2**	**121**
BA	950	33	3.8	26	4.4	59

CRV HEALTH 0%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**-3**	**0**	**0.68**	**6.7**	**2.8**	**-1.9**
BA	-3.2	0.0	0.02	1.8	0.8	-2.4

Shed Traits

	BV	BA
Adaptability milking	**0.19**	0.22
Shed temperament	**0.18**	0.22
Milking speed	**0.26**	0.05
Overall opinion	**0.42**	0.31

Conformation

101 dtrs TOP

	BV	BA
Stature	**1.55**	0.97
Capacity	**0.68**	0.18
Rump angle	**0.27**	-0.04
Rump width	**0.41**	0.45
Legs	**0.00**	-0.12
Udder support	**0.89**	0.55
Front udder	**0.60**	0.42
Rear udder	**0.83**	0.42
Front teat	**0.38**	0.22
Rear teat	**0.79**	0.44
Teat length	**-0.60**	-0.22
Udder overall	**0.90**	0.54
Dairy conformation	**1.01**	0.33

MAIRE IG GAUNTLET-ET
ALCAMENO SRB ROSELLA
- INVERNIA TGF IGNITION S3F
- MAIRE SPICY GABRIELLA-ET
- SAN RAY FM BEAMER-ET S2F
- ALCAMENO OM RACHANA

AE 16/08/24

RIVENDELL MFU SCOTCH

Daughter: #418, Westell Properties, Te Awamutu

CAMPBELL F8J8

520657

CAMPBELL F8J8

SG

DOB: **19/08/19** **A2A2** KCAS: **BB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**511 / 87**	**535**	**221**	**1418**	**0.5**	**-5.9**
BA	291 / -	288	-	1242	1.3	2.0

CRV EFFICIENCY 8% 124 dtrs | 29 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**510**	**40**	**4.2**	**46**	**5.2**	**86**
BA	322	25	4.0	28	5.0	53

CRV HEALTH 5%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**1.2**	**0.01**	**-0.29**	**-1.1**	**-0.3**	**-6.1**
BA	1.1	0.00	0.08	0.1	-0.2	-3.4

Shed Traits

	BV	BA
Adaptability milking	**0.33**	0.21
Shed temperament	**0.33**	0.21
Milking speed	**0.27**	0.09
Overall opinion	**0.30**	0.25

Conformation 113 dtrs TOP

	BV	BA
Stature	**-0.28**	-0.13
Capacity	**0.37**	0.34
Rump angle	**0.09**	-0.07
Rump width	**0.74**	0.13
Legs	**0.19**	0.06
Udder support	**0.39**	0.29
Front udder	**0.40**	0.26
Rear udder	**0.45**	0.32
Front teat	**0.41**	0.07
Rear teat	**0.06**	0.24
Teat length	**0.70**	-0.17
Udder overall	**0.60**	0.30
Dairy conformation	**0.30**	0.33

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

AE 16/08/24

Daughter: #253 DI & JL Diprose - Ermedale Farm, Riverton

Daughter: #485 DI & JL Diprose - Ermedale Farm, Riverton

TARAMONT DERRICK F12J4

519655

Daughter: #185 South Horizon Farming Ltd, West Otago

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

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**448 / 96**	**428**	**181**	**1394**	**2.5**	**-2.5**
BA	291 / -	288	-	1242	1.3	2.0

CRV EFFICIENCY 10% 712 dtrs | 97 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**556**	**41**	**4.2**	**54**	**5.3**	**95**
BA	322	25	4.0	28	5.0	53

CRV HEALTH -1%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**-6.3**	**-0.17**	**0.16**	**-1.1**	**-0.1**	**-0.4**
BA	1.1	0.00	0.08	0.1	-0.2	-3.4

Shed Traits

	BV	BA
Adaptability milking	**0.28**	0.21
Shed temperament	**0.27**	0.21
Milking speed	**0.34**	0.09
Overall opinion	**0.41**	0.25

Conformation 156 dtrs TOP

	BV	BA
Stature	**-0.14**	-0.13
Capacity	**0.09**	0.34
Rump angle	**-0.45**	-0.07
Rump width	**0.36**	0.13
Legs	**0.14**	0.06
Udder support	**0.49**	0.29
Front udder	**0.35**	0.26
Rear udder	**0.19**	0.32
Front teat	**0.45**	0.07
Rear teat	**0.71**	0.24
Teat length	**-0.40**	-0.17
Udder overall	**0.48**	0.30
Dairy conformation	**0.23**	0.33

BOTHWELL WT MAXIMA S2F
MEANDER INCA AVRIL-ET S3F
WAIAU MAX TOMMO S3F
GYDELAND EXCEL INCA S3F
MEANDER FMI APRIL S2F

AE 16/08/24

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	**344** / **96**	**363**	**204**	**1311**	**2.3**	**-15.3**
BA	291 / -	288	-	1242	1.3	2.0

CRV EFFICIENCY 7%

995 dtrs | 153 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**158**	**23**	**4.1**	**33**	**5.3**	**56**
BA	322	25	4.0	28	5.0	53

CRV HEALTH 6%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**0.8**	**0**	**0.32**	**-0.3**	**-1.4**	**0.2**
BA	1.1	0.00	0.08	0.1	-0.2	-3.4

Shed Traits

	BV	BA
Adaptability milking	**0.41**	0.21
Shed temperament	**0.41**	0.21
Milking speed	**0.39**	0.09
Overall opinion	**0.56**	0.25

Conformation

70 dtrs TOP

	BV	BA
Stature	**-0.30**	-0.13
Capacity	**0.71**	0.34
Rump angle	**0.22**	-0.07
Rump width	**0.33**	0.13
Legs	**0.24**	0.06
Udder support	**0.49**	0.29
Front udder	**0.26**	0.26
Rear udder	**0.69**	0.32
Front teat	**0.13**	0.07
Rear teat	**0.48**	0.24
Teat length	**-0.60**	-0.17
Udder overall	**0.52**	0.30
Dairy conformation	**0.72**	0.33

MOURNE GROVE HOTHOUSE S2F
ARKAN MINTS BANGLE-ET S2F
SRC GLENMEAD ROCKSOLID-ET
FAIRMONT MINT-EDITION
SRB KEREDENE SKELTON BUST

AE 16/08/24

ARKANS GURKHA J9F7

PAYNES **HAYLOFT** ET F11J5

522665

PAYNES HAYLOFT ET F11J5

SG

DOB: **14/09/21** **A2A2** KCAS: **BB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**514** / **54**	**519**	**136**	**1403**	**2.63**	**-45.3**
BA	291 / -	288	-	1242	1.3	2.0

CRV EFFICIENCY 12%

dtrs | 0 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**706**	**43**	**4.1**	**38**	**4.8**	**81**
BA	322	25	4.0	28	5.0	53

CRV HEALTH 3%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**0.9**	**-0.02**	**-0.1**	**-0.7**	**-0.5**	**-8.7**
BA	1.1	0.00	0.08	0.1	-0.2	-3.4

Shed Traits

	BV	BA
Adaptability milking	**0.06**	0.21
Shed temperament	**0.08**	0.21
Milking speed	**-0.02**	0.09
Overall opinion	**0.18**	0.25

Conformation

dtrs TOP

	BV	BA
Stature	**0.07**	-0.13
Capacity	**0.28**	0.34
Rump angle	**0.18**	-0.07
Rump width	**0.14**	0.13
Legs	**0.20**	0.06
Udder support	**0.07**	0.29
Front udder	**-0.10**	0.26
Rear udder	**0.27**	0.32
Front teat	**-0.12**	0.07
Rear teat	**-0.01**	0.24
Teat length	**-0.07**	-0.17
Udder overall	**0.12**	0.30
Dairy conformation	**0.26**	0.33

BRAEDENE PAS TRIPLESTAR
FARWEST RJP DELIA-ET S1F
PUKETAWA AD SUPERSTITION
BRAEDENE LIKABULL TASH ET
ROYSON JUSTICE PHONIC S2F
FARWEST FME DOLLY S0F

INSIRE
26/07/24
CRV calculated genomic BV's

Daughter: #175 PJ & PJ Rockell, New Plymouth

PAYNES **KINGFISHER** ET F9J7

521650

PAYNES KINGFISHER ET F9J7

LowN

DOB: **30/04/20** **A2A2** KCAS:

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**414** / **55**	**387**	**147**	**1296**	**4.45**	**23.5**
BA	291 / -	288	-	1242	1.3	2.0

CRV EFFICIENCY 4%

dtrs | 0 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**45**	**25**	**4.3**	**40**	**5.6**	**65**
BA	322	25	4.0	28	5.0	53

CRV HEALTH 5%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**5.6**	**0.2**	**0.37**	**1.6**	**0.7**	**-3.7**
BA	1.1	0.00	0.08	0.1	-0.2	-3.4

Shed Traits

	BV	BA
Adaptability milking	**0.36**	0.21
Shed temperament	**0.36**	0.21
Milking speed	**0.36**	0.09
Overall opinion	**0.50**	0.25

Conformation

dtrs TOP

	BV	BA
Stature	**0.45**	-0.13
Capacity	**0.49**	0.34
Rump angle	**-0.18**	-0.07
Rump width	**0.23**	0.13
Legs	**-0.03**	0.06
Udder support	**0.42**	0.29
Front udder	**0.46**	0.26
Rear udder	**0.43**	0.32
Front teat	**0.29**	0.07
Rear teat	**0.11**	0.24
Teat length	**-0.05**	-0.17
Udder overall	**0.61**	0.30
Dairy conformation	**0.60**	0.33

SAN RAY FM BEAMER-ET S2F
- FAIRMONT MINT-EDITION
- SRB KEREDENE SKELTON BUST
- MOURNE GROVE HOTHOUSE S2F

INSIRE
26/07/24
CRV calculated genomic BV's

HOWARDS **MATAKANA** F11J5

520651

Daughter #193 AD & HA Foote, Matamata

DOB: **3/08/19** **A1A2** KCAS: **AB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**422** / **86**	**468**	**150**	**1387**	**0.6**	**7.6**
BA	291 / -	288	-	1242	1.3	2.0

CRV EFFICIENCY 9%

121 dtrs | 37 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**586**	**41**	**4.2**	**40**	**5**	**81**
BA	322	25	4.0	28	5.0	53

CRV HEALTH 1%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**-1.6**	**-0.14**	**-0.28**	**-1.7**	**0**	**-5.5**
BA	1.1	0.00	0.08	0.1	-0.2	-3.4

Shed Traits

	BV	BA
Adaptability milking	**0.31**	0.21
Shed temperament	**0.31**	0.21
Milking speed	**0.14**	0.09
Overall opinion	**0.36**	0.25

Conformation

84 dtrs TOP

	BV	BA
Stature	**0.03**	-0.13
Capacity	**0.46**	0.34
Rump angle	**-0.40**	-0.07
Rump width	**-0.10**	0.13
Legs	**0.16**	0.06
Udder support	**0.51**	0.29
Front udder	**0.16**	0.26
Rear udder	**0.58**	0.32
Front teat	**0.38**	0.07
Rear teat	**0.81**	0.24
Teat length	**-0.40**	-0.17
Udder overall	**0.54**	0.30
Dairy conformation	**0.42**	0.33

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

AE
16/08/24

HOWARDS MATAKANA F11J5

TURNWALD **MOREPORK** F10J6

521657

TURNWALD MOREPORK F10J6

DOB: **9/08/20** **A2A2** KCAS:

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
gBV	**382** / **55**	**331**	**188**	**1267**	**4.25**	**36.2**
BA	291 / -	288	-	1242	1.3	2.0

CRV EFFICIENCY 4%

0 dtrs | 0 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
gBV	**160**	**24**	**4.2**	**44**	**5.5**	**68**
BA	322	25	4.0	28	5.0	53

CRV HEALTH 5%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
gBV	**5.1**	**0.08**	**-0.11**	**0.1**	**-0.2**	**-3.3**
BA	1.1	0.00	0.08	0.1	-0.2	-3.4

Shed Traits

	gBV	BA
Adaptability milking	**0.01**	0.21
Shed temperament	**0.02**	0.21
Milking speed	**0.15**	0.09
Overall opinion	**0.16**	0.25

Conformation

0 dtrs TOP

	gBV	BA
Stature	**0.66**	-0.13
Capacity	**0.55**	0.34
Rump angle	**-0.37**	-0.07
Rump width	**0.49**	0.13
Legs	**-0.08**	0.06
Udder support	**0.33**	0.29
Front udder	**0.19**	0.26
Rear udder	**0.23**	0.32
Front teat	**0.29**	0.07
Rear teat	**0.88**	0.24
Teat length	**-0.18**	-0.17
Udder overall	**0.30**	0.30
Dairy conformation	**0.51**	0.33

EDGECOMBE SB TATAWAI S1F
TARAMONT CK DAKOTA

SAN RAY FM BEAMER-ET S2F
388
HOWIES CHECKPOINT
WAIAU OBSERVER DELIA

INSIRE
26/07/24
CRV calculated genomic BV's

PAYNES **POLAND**-ET F11J5

523672

PAYNES POLAND-ET F11J5

OAD

DOB: **14/09/22** **A2A2** KCAS:

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
gBV	**561** / **54**	**597**	**211**	**1442**	**5.13**	**-0.3**
BA	291 / -	288	-	1242	1.3	2.0

CRV EFFICIENCY 10%

0 dtrs | 0 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
gBV	**727**	**47**	**4.2**	**46**	**5**	**93**
BA	322	25	4.0	28	5.0	53

CRV HEALTH 7%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
gBV	**5**	**0.1**	**0.04**	**-2.5**	**-1.5**	**-4.3**
BA	1.1	0.00	0.08	0.1	-0.2	-3.4

Shed Traits

	gBV	BA
Adaptability milking	**0.18**	0.21
Shed temperament	**0.21**	0.21
Milking speed	**0.14**	0.09
Overall opinion	**0.28**	0.25

Conformation

0 dtrs TOP

	gBV	BA
Stature	**0.28**	-0.13
Capacity	**0.49**	0.34
Rump angle	**-0.13**	-0.07
Rump width	**0.27**	0.13
Legs	**0.07**	0.06
Udder support	**0.46**	0.29
Front udder	**0.49**	0.26
Rear udder	**0.50**	0.32
Front teat	**0.27**	0.07
Rear teat	**0.21**	0.24
Teat length	**0.26**	-0.17
Udder overall	**0.62**	0.30
Dairy conformation	**0.58**	0.33

MAIRE MINT FIRE-UP
TRONNOCO REM DIAHAN S1F

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

INSIRE
26/07/24
CRV calculated genomic BV's

BURGESS **PRAGUE** F10J6

523652

BURGESS PRAGUE F10J6

OAD

DOB: **16/03/22** **A2A2** KCAS:

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
gBV	**541** / **59**	**527**	**189**	**1462**	**5.75**	**9.9**
BA	291 / -	288	-	1242	1.3	2.0

CRV EFFICIENCY 10%

0 dtrs | 0 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
gBV	**745**	**37**	**4**	**62**	**5.2**	**99**
BA	322	25	4.0	28	5.0	53

CRV HEALTH 7%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
gBV	**-0.8**	**0.06**	**-0.51**	**-1.4**	**-1**	**-4.8**
BA	1.1	0.00	0.08	0.1	-0.2	-3.4

Shed Traits

	gBV	BA
Adaptability milking	**0.64**	0.21
Shed temperament	**0.63**	0.21
Milking speed	**0.43**	0.09
Overall opinion	**0.68**	0.25

Conformation

0 dtrs TOP

	gBV	BA
Stature	**0.70**	-0.13
Capacity	**0.36**	0.34
Rump angle	**-0.34**	-0.07
Rump width	**0.47**	0.13
Legs	**-0.22**	0.06
Udder support	**1.21**	0.29
Front udder	**0.88**	0.26
Rear udder	**1.00**	0.32
Front teat	**0.50**	0.07
Rear teat	**1.02**	0.24
Teat length	**-0.59**	-0.17
Udder overall	**1.22**	0.30
Dairy conformation	**0.50**	0.33

FARSIDE M ILLUSTRIOUS S3F
MAIRE FIRENZE GINA-ET
MOURNE GROVE HOTHOUSE S2F
LIGHTBURN IGN GRETA-ET
MAIRE FI GOLDDIGGER
LIGHTBURN HOT GWEN-ET S3F

INSIRE
26/07/24
CRV calculated genomic BV's

SOUTH SKY **PREMIER** F12J4

520656

Daughter: #639 South Horizon Farming Ltd, Gore

OAD

DOB: **15/08/19** **A2A2** KCAS: **BB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**364** / **90**	**410**	**250**	**1319**	**-1.4**	**6.3**
BA	291 / -	288	-	1242	1.3	2.0

CRV EFFICIENCY 7%

179 dtrs | 38 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**397**	**32**	**4.1**	**36**	**5.1**	**68**
BA	322	25	4.0	28	5.0	53

CRV HEALTH 2%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**3.7**	**-0.22**	**-0.11**	**-0.8**	**0.4**	**-2.7**
BA	1.1	0.00	0.08	0.1	-0.2	-3.4

Shed Traits

	BV	BA
Adaptability milking	**-0.02**	0.21
Shed temperament	**-0.02**	0.21
Milking speed	**-0.14**	0.09
Overall opinion	**0.08**	0.25

Conformation

142 dtrs TOP

	BV	BA
Stature	**0.32**	-0.13
Capacity	**0.10**	0.34
Rump angle	**-0.47**	-0.07
Rump width	**-0.22**	0.13
Legs	**0.10**	0.06
Udder support	**0.54**	0.29
Front udder	**0.45**	0.26
Rear udder	**0.45**	0.32
Front teat	**0.35**	0.07
Rear teat	**0.00**	0.24
Teat length	**-0.40**	-0.17
Udder overall	**0.66**	0.30
Dairy conformation	**0.09**	0.33

OKURA LT INTEGRITY
BELLS FIONA S2J
ARRIETA NN DEGREE ET
GLOBAL GENETIC GOLD S3J
BELLS OI FLOYD S3J
LYNBROOK MISS GOLDIE

AE
16/08/24

SOUTH SKY PREMIER F12J4

Daughter: #726 South Horizon Farming Ltd, Gore

TARAMONT **SHIPYARD** F10J6

522653

TARAMONT SHIPYARD F10J6

OAD

DOB: **19/08/21** **A2A2** KCAS: **BB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
gBV	**487 / 53**	**522**	**124**	**1397**	**1.55**	**21.6**
BA	291 / -	288	-	1242	1.3	2.0

CRV EFFICIENCY 9%

dtrs | 0 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
gBV	**1085**	**55**	**4**	**47**	**4.7**	**102**
BA	322	25	4.0	28	5.0	53

CRV HEALTH 3%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
gBV	**-0.9**	**-0.01**	**0.14**	**-0.5**	**-0.4**	**-6.3**
BA	1.1	0.00	0.08	0.1	-0.2	-3.4

Shed Traits

	gBV	BA
Adaptability milking	**0.27**	0.21
Shed temperament	**0.33**	0.21
Milking speed	**0.05**	0.09
Overall opinion	**0.36**	0.25

Conformation

dtrs TOP

	gBV	BA
Stature	**0.64**	-0.13
Capacity	**0.59**	0.34
Rump angle	**-0.36**	-0.07
Rump width	**0.67**	0.13
Legs	**-0.03**	0.06
Udder support	**0.30**	0.29
Front udder	**0.24**	0.26
Rear udder	**0.45**	0.32
Front teat	**0.04**	0.07
Rear teat	**0.05**	0.24
Teat length	**0.20**	-0.17
Udder overall	**0.46**	0.30
Dairy conformation	**0.62**	0.33

SAN RAY FM BEAMER-ET S2F
GLOBAL GENETIC GOLD S3J

FAIRMONT MINT-EDITION
SRB KEREDENE SKELTON BUST
PUHIPUHI CAPS GOLDIE S3J
JAYDEE LADY GOLDIE

INSIRE
26/07/24
CRV calculated genomic BV's

TARAMONT V **WAIHEKE** F13J3

520684

Daughter: #13 DI & JL Diprose - Ermedale Farm, Riverton

DOB: **8/08/19** **A1A2** KCAS: **AB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**404 / 83**	**478**	**194**	**1370**	**1.5**	**17.2**
BA	291 / -	288	-	1242	1.3	2.0

CRV EFFICIENCY 6%

89 dtrs | 31 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**842**	**37**	**3.9**	**33**	**4.6**	**70**
BA	322	25	4.0	28	5.0	53

CRV HEALTH 7%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**4.9**	**0.19**	**-0.11**	**1**	**-0.4**	**-2.3**
BA	1.1	0.00	0.08	0.1	-0.2	-3.4

Shed Traits

	BV	BA
Adaptability milking	**0.15**	0.21
Shed temperament	**0.15**	0.21
Milking speed	**0.06**	0.09
Overall opinion	**0.29**	0.25

Conformation

64 dtrs TOP

	BV	BA
Stature	**0.10**	-0.13
Capacity	**1.18**	0.34
Rump angle	**-0.10**	-0.07
Rump width	**0.29**	0.13
Legs	**0.05**	0.06
Udder support	**0.84**	0.29
Front udder	**0.58**	0.26
Rear udder	**0.81**	0.32
Front teat	**0.50**	0.07
Rear teat	**0.87**	0.24
Teat length	**-0.40**	-0.17
Udder overall	**0.91**	0.30
Dairy conformation	**1.00**	0.33

OKURA LT INTEGRITY
OKURA MANZ KEA

LYNBROOK TERRIFIC ET S3J
OKURA LIKA I-CHARMAINE ET
PUKEROA TGM MANZELLO
OKURA OLM KIWI ET

AE
16/08/24

TARAMONT V WAIHEKE F13J3

Daughter: #215 DI & JL Diprose - Ermedale Farm, Riverton

LYNBROOK FLOYD **GIBSON** ET

320537

Daughter: #518 Waimumu Downs Ltd, Gore

DOB: **22/07/19** **A2A2** KCAS: **BB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**436** / **88**	**422**	**219**	**1302**	**4**	**-8.1**
BA	279 / -	253	-	1266	1.0	-49

CRV EFFICIENCY 7%

166 dtrs | 48 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**48**	**21**	**4.2**	**36**	**5.5**	**57**
BA	-287	6	4.2	19	5.5	25

CRV HEALTH 5%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**5.9**	**0.17**	**-0.42**	**-3.4**	**-0.7**	**0**
BA	3.4	-0.03	-0.13	-1.8	-0.8	-1.2

Shed Traits

	BV	BA
Adaptability milking	**0.01**	0.20
Shed temperament	**0.00**	0.20
Milking speed	**0.17**	0.12
Overall opinion	**0.21**	0.20

Conformation

55 dtrs TOP

	BV	BA
Stature	**-0.24**	-0.89
Capacity	**0.30**	0.26
Rump angle	**0.20**	-0.12
Rump width	**0.21**	0.19
Legs	**-0.05**	0.11
Udder support	**0.23**	0.19
Front udder	**0.35**	0.35
Rear udder	**0.53**	0.44
Front teat	**0.10**	0.10
Rear teat	**-0.12**	-0.09
Teat length	**-0.10**	0.08
Udder overall	**0.42**	0.37
Dairy conformation	**0.36**	0.24

MAIRE MINT FIRE-UP
RIVENDELL JUSTICE SUZY

FAIRMONT MINT-EDITION
MAIRE OMAN FIRE

ARONAMEE JB JUSTICE
RIVENDELL OMAN SUE S3F

AE 16/08/24

LYNBROOK FLOYD GIBSON ET

Daughter: #367 Waimumu Downs Ltd, Gore

ELLISON INTEGRITY **KAKA**

319603

Daughter: #123 S Thomson & R Philpott, Warkworth

LowN SG

DOB: **13/07/18** **A1A2** KCAS: **BB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**511** / **92**	**518**	**274**	**1376**	**3.1**	**-23.1**
BA	279 / -	253	-	1266	1.0	-49

CRV EFFICIENCY 11%

236 dtrs | 61 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**174**	**24**	**4.2**	**38**	**5.4**	**62**
BA	-287	6	4.2	19	5.5	25

CRV HEALTH 11%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**7.7**	**0.22**	**-0.49**	**-1.6**	**-1.4**	**-8.5**
BA	3.4	-0.03	-0.13	-1.8	-0.8	-1.2

Shed Traits

	BV	BA
Adaptability milking	**0.19**	0.20
Shed temperament	**0.18**	0.20
Milking speed	**0.26**	0.12
Overall opinion	**0.42**	0.20

Conformation

69 dtrs TOP

	BV	BA
Stature	**-1.13**	-0.89
Capacity	**0.59**	0.26
Rump angle	**-0.09**	-0.12
Rump width	**-0.51**	0.19
Legs	**0.12**	0.11
Udder support	**0.44**	0.19
Front udder	**0.25**	0.35
Rear udder	**0.92**	0.44
Front teat	**0.04**	0.10
Rear teat	**0.27**	-0.09
Teat length	**-0.80**	0.08
Udder overall	**0.56**	0.37
Dairy conformation	**0.52**	0.24

PUKEROA GUN WALKER JG
GLEN KAYCEE SKALLYWAG JG

LEITHLEA GUN OF A SUN
PUKEROA ZELLAS BELLERO

OKURA LT INTEGRITY
GLEN KAYCEE SPEED SKATER

AE 16/08/24

ELLISON INTEGRITY KAKA

Daughter: #198 S Thomson & R Philpott, Warkworth

CLUAIN PRESELY **MONDALE**

318508

Daughter: #451 Waimumu Downs Ltd, Gore

SG

DOB: **31/07/17** **A2A2** KCAS: **BB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**494** / **90**	**515**	**199**	**1385**	**3.4**	**-57.3**
BA	279 / -	253	-	1266	1.0	-49

CRV EFFICIENCY 10%

128 dtrs | 47 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**78**	**17**	**4.1**	**34**	**5.4**	**51**
BA	-287	6	4.2	19	5.5	25

CRV HEALTH 9%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**7.8**	**-0.01**	**-0.86**	**0.4**	**0.2**	**-8.6**
BA	3.4	-0.03	-0.13	-1.8	-0.8	-1.2

Shed Traits	BV	BA
Adaptability milking	**-0.03**	0.20
Shed temperament	**-0.05**	0.20
Milking speed	**0.22**	0.12
Overall opinion	**0.20**	0.20

104 dtrs TOP

Conformation	BV	BA
Stature	**-1.01**	-0.89
Capacity	**0.24**	0.26
Rump angle	**-0.23**	-0.12
Rump width	**-0.30**	0.19
Legs	**0.17**	0.11
Udder support	**0.50**	0.19
Front udder	**0.66**	0.35
Rear udder	**0.90**	0.44
Front teat	**0.38**	0.10
Rear teat	**-0.07**	-0.09
Teat length	**0.00**	0.08
Udder overall	**0.86**	0.37
Dairy conformation	**0.29**	0.24

WITTENHAM PITCAIRN F11J5
TARAMONT BECKON MARINE
BUSY BROOK OMAH-ET-OC S2F
WITTENHAM TERRIFIC POLLY
GLEN KORU BECKON
WAIAU B CASCADE-ET-OC S0F

AE 16/08/24

CLUAIN PRESELY MONDALE

Daughter: #196 Waimumu Downs Ltd, Gore

LITTLE RIVER **NUCLEUS** S3J

317513

Daughter: #79 AH & MJ Palmer, Whangamata

LowN OAD

DOB: **8/08/16** **A2A2** KCAS: **AB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**512** / **97**	**543**	**217**	**1400**	**2**	**-48.9**
BA	279 / -	253	-	1266	1.0	-49

CRV EFFICIENCY 11%

1078 dtrs | 191 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**-7**	**21**	**4.2**	**37**	**5.5**	**58**
BA	-287	6	4.2	19	5.5	25

CRV HEALTH 10%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**9.9**	**0**	**-0.58**	**-2.8**	**-0.7**	**2.1**
BA	3.4	-0.03	-0.13	-1.8	-0.8	-1.2

Shed Traits	BV	BA
Adaptability milking	**0.43**	0.20
Shed temperament	**0.44**	0.20
Milking speed	**0.23**	0.12
Overall opinion	**0.42**	0.20

156 dtrs TOP

Conformation	BV	BA
Stature	**-0.64**	-0.89
Capacity	**0.24**	0.26
Rump angle	**-0.38**	-0.12
Rump width	**-0.79**	0.19
Legs	**0.10**	0.11
Udder support	**0.39**	0.19
Front udder	**0.31**	0.35
Rear udder	**0.88**	0.44
Front teat	**0.39**	0.10
Rear teat	**0.17**	-0.09
Teat length	**0.00**	0.08
Udder overall	**0.71**	0.37
Dairy conformation	**0.22**	0.24

PUKETAWA AD SUPERSTITION
ELLISON TERRIFIC TAMARA S0J
ARRIETA TGM DIABLO ET
PUKETAWA OM SERENITY
LYNBROOK TERRIFIC ET S3J
ELLISON COMM TAMMYS GIRL

AE 16/08/24

LITTLE RIVER NUCLEUS S3J

Daughter: #40 AH & MJ Palmer, Whangamata

GLEN KAYCEE **SHERLOCK** JG

320503

Daughter: #575 Davidson Dairies Ltd, Culverden

OAD

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

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**596** / **87**	**562**	**262**	**1450**	**3.3**	**-26.8**
BA	279 / -	253	-	1266	1.0	-49

CRV EFFICIENCY 9%

115 dtrs | 32 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**171**	**33**	**4.3**	**58**	**5.8**	**91**
BA	-287	6	4.2	19	5.5	25

CRV HEALTH 7%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**3.9**	**0.01**	**-0.13**	**-2.8**	**-0.3**	**-2.7**
BA	3.4	-0.03	-0.13	-1.8	-0.8	-1.2

Shed Traits

	BV	BA
Adaptability milking	**0.11**	0.20
Shed temperament	**0.11**	0.20
Milking speed	**0.13**	0.12
Overall opinion	**0.17**	0.20

Conformation

103 dtrs TOP

	BV	BA
Stature	**-0.83**	-0.89
Capacity	**0.65**	0.26
Rump angle	**-0.13**	-0.12
Rump width	**-0.68**	0.19
Legs	**0.13**	0.11
Udder support	**0.28**	0.19
Front udder	**0.04**	0.35
Rear udder	**0.45**	0.44
Front teat	**0.56**	0.10
Rear teat	**0.67**	-0.09
Teat length	**0.10**	0.08
Udder overall	**0.47**	0.37
Dairy conformation	**0.55**	0.24

BUSY BROOK WTP VECTOR S3F
TARAMONT SOV MARINA
WEARNES FE TE POI S3F
BUSY BROOK GB VIVIEN S2F
DRYSDALES SOVEREIGN
TARAMONT RILEY SPRING

AE 16/08/24

GLEN KAYCEE SHERLOCK JG

Daughter: #305 Davidson Dairies Ltd, Culverden

ELLISON PS **TUNGSTEN** JC14

318507

Daughter: #96 Macro Family Trust, Opunake

SG

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

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**441** / **87**	**387**	**234**	**1309**	**1.9**	**-18.6**
BA	279 / -	253	-	1266	1.0	-49

CRV EFFICIENCY 9%

97 dtrs | 40 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**-45**	**20**	**4.3**	**42**	**5.7**	**62**
BA	-287	6	4.2	19	5.5	25

CRV HEALTH 6%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**5.6**	**0.07**	**-0.05**	**0.2**	**-1.5**	**-5.1**
BA	3.4	-0.03	-0.13	-1.8	-0.8	-1.2

Shed Traits

	BV	BA
Adaptability milking	**0.26**	0.20
Shed temperament	**0.26**	0.20
Milking speed	**0.10**	0.12
Overall opinion	**0.26**	0.20

Conformation

89 dtrs TOP

	BV	BA
Stature	**-0.60**	-0.89
Capacity	**0.88**	0.26
Rump angle	**-0.66**	-0.12
Rump width	**-0.01**	0.19
Legs	**0.22**	0.11
Udder support	**-0.02**	0.19
Front udder	**-0.04**	0.35
Rear udder	**0.22**	0.44
Front teat	**0.02**	0.10
Rear teat	**-0.18**	-0.09
Teat length	**0.70**	0.08
Udder overall	**0.09**	0.37
Dairy conformation	**0.76**	0.24

WITTENHAM PITCAIRN F11J5
PAYNES PENNY
BUSY BROOK OMAH-ET-OC S2F
WITTENHAM TERRIFIC POLLY
SAN RAY FM BEAMER-ET S2F
PAYNES PEARL

AE 16/08/24

ELLISON PS TUNGSTEN JC14

Daughter: #38 Rich Feet, Maihihi

DELTA **EVERTON**

NED

DELTA EVERTON

DOB: **20191107** **A2A2** KCAS: **BB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**455** / **58**	**514**	**184**	**-**	**5.4**	**74**
BA	177 / -	222		1173	1.1	55

CRV EFFICIENCY 8%

0 dtrs | 0 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**1629**	**55**	**3.68**	**65**	**4.54**	**120**
BA	950	33	3.8	26	4.4	59

CRV HEALTH 4%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**-6.3**	**0.0**	**-0.8**	**0.1**	**-0.1**	**0.8**
BA	-3.2	0.0	0.02	1.8	0.8	-2.4

Shed Traits	BV	BA
Adaptability milking	**0.30**	0.22
Shed temperament	**0.30**	0.22
Milking speed	**0.20**	0.05
Overall opinion	**0.50**	0.31

0 dtrs TOP

Conformation	BV	BA
Stature	**2.20**	0.97
Capacity	**0.20**	0.18
Rump angle	**0.20**	-0.04
Rump width	**1.00**	0.45
Legs	**-0.40**	-0.12
Udder support	**1.70**	0.55
Front udder	**1.20**	0.42
Rear udder	**1.70**	0.42
Front teat	**0.70**	0.22
Rear teat	**1.50**	0.44
Teat length	**-0.38**	-0.22
Udder overall	**1.70**	0.54
Dairy conformation	**0.60**	0.33

DE LEENHORST E-PROFIT
DELTA EVELYN

DELTA MAGISTER
DE LEENHORST INEKE 130
NEWHOUSE JORBEN
SIENTJE 62

CRV genomic
August 2024

DELTA **LIXOR**

NED

DELTA LIXOR

DOB: **20201031** **A1A2** KCAS: **BB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**309** / **49**	**413**	**184**	**-**	**5.4**	**104**
BA	177 / -	222		1173	1.1	55

CRV EFFICIENCY 2%

0 dtrs | 0 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**1285**	**48**	**3.77**	**40**	**4.39**	**88**
BA	950	33	3.8	26	4.4	59

CRV HEALTH 5%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**0.3**	**0.0**	**-0.6**	**0.4**	**0.2**	**-6.1**
BA	-3.2	0.0	0.02	1.8	0.8	-2.4

Shed Traits	BV	BA
Adaptability milking	**0.20**	0.22
Shed temperament	**0.20**	0.22
Milking speed	**0.10**	0.05
Overall opinion	**0.40**	0.31

0 dtrs TOP

Conformation	BV	BA
Stature	**2.30**	0.97
Capacity	**-0.20**	0.18
Rump angle	**0.10**	-0.04
Rump width	**1.20**	0.45
Legs	**-0.50**	-0.12
Udder support	**1.30**	0.55
Front udder	**1.00**	0.42
Rear udder	**0.90**	0.42
Front teat	**0.50**	0.22
Rear teat	**1.00**	0.44
Teat length	**-0.38**	-0.22
Udder overall	**1.30**	0.54
Dairy conformation	**0.60**	0.33

DELTA NIPPON P
PEELDIJKER LIESJE 1323

WILDER HOTSPOT 2
LIN-HOFRST DELTA NADINE
DOUBLE W RUSH HOUR
PEELDIJKER LIESJE 1226

CRV genomic
August 2024

DELTA **PRESENT**

NED

DELTA PRESENT

DOB: **20220419** **A2A2** KCAS: **AB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**290** / **51**	**366**	**167**	**-**	**5.3**	**118**
BA	177 / -	222		1173	1.1	55

CRV EFFICIENCY 9%

0 dtrs | 0 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**1401**	**47**	**3.68**	**47**	**4.42**	**94**
BA	950	33	3.8	26	4.4	59

CRV HEALTH 5%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**-4.2**	**0.1**	**-0.5**	**-1.5**	**-0.8**	**-7.8**
BA	-3.2	0.0	0.02	1.8	0.8	-2.4

Shed Traits

	BV	BA
Adaptability milking	**0.40**	0.22
Shed temperament	**0.40**	0.22
Milking speed	**0.00**	0.05
Overall opinion	**0.50**	0.31

Conformation

0 dtrs TOP

	BV	BA
Stature	**2.30**	0.97
Capacity	**0.20**	0.18
Rump angle	**0.00**	-0.04
Rump width	**1.00**	0.45
Legs	**-0.50**	-0.12
Udder support	**1.50**	0.55
Front udder	**1.20**	0.42
Rear udder	**1.20**	0.42
Front teat	**0.40**	0.22
Rear teat	**0.80**	0.44
Teat length	N/A	-0.22
Udder overall	**1.60**	0.54
Dairy conformation	**0.70**	0.33

DELTA JERONIMO
DE HOEF DELTA CATE 2

BARCLEY
DELTA JAIMA

DELTA YES
DELTA CATE

CRV genomic
August 2024

DELTA **STATEMENT**

NED

DELTA STATEMENT

DOB: **20221228** **A2A2** KCAS: **BB**

Breeding Indicators

	BW / Rel	NZMI	EBI	OAD	Func Survival	LiveWt
BV	**249** / **47**	**359**	**190**	**-**	**3.6**	**142**
BA	177 / -	222		1173	1.1	55

CRV EFFICIENCY 15%

0 dtrs | 0 herds

	Milk (lts)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Prot (kg)
BV	**1669**	**56**	**3.68**	**42**	**4.15**	**98**
BA	950	33	3.8	26	4.4	59

CRV HEALTH 5%

	Fertility	BCS	SCS	Hfr CD	Cow CD	Gest Length
BV	**-6.6**	**0.1**	**-0.6**	**2.0**	**1.1**	**-2.8**
BA	-3.2	0.0	0.02	1.8	0.8	-2.4

Shed Traits

	BV	BA
Adaptability milking	**0.20**	0.22
Shed temperament	**0.20**	0.22
Milking speed	**-0.10**	0.05
Overall opinion	**0.30**	0.31

Conformation

0 dtrs TOP

	BV	BA
Stature	**2.10**	0.97
Capacity	**0.10**	0.18
Rump angle	**0.20**	-0.04
Rump width	**0.80**	0.45
Legs	**-0.40**	-0.12
Udder support	**1.20**	0.55
Front udder	**1.00**	0.42
Rear udder	**1.10**	0.42
Front teat	**0.40**	0.22
Rear teat	**0.90**	0.44
Teat length	N/A	-0.22
Udder overall	**1.30**	0.54
Dairy conformation	**0.50**	0.33

DELTA WARREN P
LEANNE 238

DELTA WARMOND P
BORDERVIEW DELTA JOFRID

DELTA MAURA RED
LEANNE 210

CRV genomic
August 2024

CRV ADDITIONAL TABLE

Name	AB Code	Source	A2	KCAS	BREEDING INDICATORS: Breeding Worth / Rel	NZM	Once-A-Day	Func Survival	Liveweight	Herd Test Dtrs	Production Herds	CRV EFFICIENCY: CRV Efficiency Score (%)	Milk (ltrs)	Protein (kg)	Protein (%)	Fat (kg)	Fat (%)	Fat & Protein (kg)
HOLSTEIN FRIESIAN																		
MEANDER **ALADIESMAN**-ET S1F	120600	**AE**	**A2A2**	AB	458/89	484	1344	3.4	46.6	148	39	5	892	42	3.9	51	4.9	93
MEANDER SHOT **ALIBI**-ET S3F	117568	**AE**	A1A2	BE	384/92	404	1316	4.7	68.5	295	75	6	1278	37	3.6	52	4.6	89
DIPROSE MAST **ALPHA**-ET S2F	120505	**AE**	**A2A2**	AB	465/89	418	1316	3.6	38.8	173	53	7	576	38	4.1	61	5.4	99
WAIAU HOT **CHRYSLER** S3F	116506	**AE**	**A2A2**	BB	36/98	146	1083	1.1	60.2	2036	269	-1	850	32	3.8	-1	4.0	31
AMBZED POWELLS **CORTEX** S2F	114539	**AE**	A1A1	BB	82/98	208	1148	-0.2	77.2	4406	498	1	1215	33	3.6	17	4.0	50
PARKDALE HRS **FEDERAL** S2F	115575	**AE**	**A2A2**	AB	149/98	150	1169	2	63.4	9206	1006	2	1393	38	3.5	38	4.3	76
GLENMEAD ML **MIKADO**-ET S1F	116544	**AE**	A1A1	AB	233/95	295	1284	-0.5	54.8	369	65	1	489	37	4.1	21	4.7	58
WAIHOU THADIUS **MURPHY** S3F	113508	**AE**	**A2A2**	BE	203/98	261	1191	-0.3	66.6	3543	451	1	1154	40	3.7	29	4.3	69
BUSY BROOK **OVERDRAFT** S2F	118557	**AE**	**A2A2**	BB	238/97	343	1248	-1.7	49.7	2435	287	3	971	42	3.9	27	4.4	69
MEANDER M **REMATCH**-ET S3F	115573	**AE**	A1A1	AB	269/98	268	1249	-1.1	23.6	3228	508	4	709	30	3.8	44	4.9	74
Holstein Friesian Breed Average					177/-	222	1173	1.1	55				950	33	3.8	26	4.4	59
CROSSBRED																		
BROOKSTEAD **CEDAR** F11J5	518672	**AE**	**A2A2**	BB	463/94	443	1333	1.7	45.4	617	84	8	626	42	4.1	54	5.2	96
PAYNES **ENDOR** F9J7	519681	**AE**	**A2A2**	BB	354/95	378	1294	0.3	-29.1	475	87	12	578	37	4.1	36	4.9	73
VAN STRAALENS **HARRIER**-ET	508160	**AE**	A1A2		113/90	131	1049	4.2	-9.4	85	38	0	-58	2	3.9	0	4.8	2
CANAAN **HOKITIKA** F13J3	516661	**AE**	**A2A2**	AB	340/95	342	1260	3	-5.6	465	64	6	596	33	4.0	31	4.8	64
TARAMONT B **JACK-FROST** F12J4	517803	**AE**	A1A2	BB	335/96	358	1280	1.7	4.5	1592	226	6	314	31	4.2	34	5.1	65
BAMFORD **KAIHIKU** F10J6	516670	**AE**	A1A2	AB	254/88	337	1240	-0.6	19	94	33	5	853	43	4.0	20	4.4	63
BURGESS **KAIMAI** F11J5	516655	**AE**	A1A1	AB	260/95	305	1230	0.1	17.8	459	83	7	683	26	3.8	32	4.7	58
TURNWALD **KOROMIKO** F10J6	518673	**AE**	**A2A2**	BB	399/90	403	1338	3.5	37	257	46	9	733	37	4.0	56	5.1	93
BURMEISTER **KOWHAI** F11J5	518667	**AE**	**A2A2**	BB	354/95	334	1246	1.6	-16.6	671	105	6	66	19	4.1	26	5.2	45
GREENMILE **MOHAKA** J12F4	516652	**AE**	**A2A2**	AB	396/94	390	1349	2.5	-41.6	500	105	10	84	20	4.1	30	5.3	50
PAYNES **PHASER** ET F12J4	517677	**AE**	**A2A2**	AB	382/98	406	1296	4.6	14.6	2741	239	8	600	32	4.0	34	4.9	66
BLACKJACK **PIRONGIA** F13J3	516676	**AE**	**A2A2**	AB	216/89	246	1175	2.4	9.3	106	29	2	120	20	4.1	16	5.0	36
HAURAKI CHECK **SENNA** F9J7	513671	**AE**	**A2A2**		270/94	301	1206	2.4	3.9	1717	263	2	-55	23	4.3	19	5.2	42
GREENMILE **TARARUA** F12J4	516660	**AE**	**A2A2**	BB	258/98	351	1233	2.7	36.1	2662	290	3	786	32	3.8	18	4.4	50
KOUMA **TOA** J13F3	519680	**AE**	**A2A2**	BB	320/96	386	1314	-1.3	-34.5	587	78	6	-460	16	4.6	19	5.7	35
LYNBROOK LT **VIKING**	515813	**AE**	**A2A2**	BB	316/98	373	1273	3.6	-45.5	5583	651	7	111	17	4.1	15	5.0	32
Crossbreed Average					291/-	288	1242	1.3	2.0				332	25	4.0	28	5.0	53
JERSEY																		
RUANUI TERIFIC **DIESEL** S3J	315526	**AE**	**A2A2**	BB	370/99	406	1280	4.5	-28.4	4469	653	7	188	16	4.0	21	5.0	37
HOROPITO F **GYM** ET JC15 PP	318541	**AE**	**A2A2**	BB	465/80	435	1341	4.3	-20.2	114	22	9	-139	18	4.3	31	5.6	49
ROMA MURMUR **KINGPIN** S3J	312501	**AE**	**A2A2**		341/99	410	1294	0	-42.7	15796	1837	7	144	18	4.1	21	5.0	39
DRUMCLOG MANZELO **LUCAS** JG	315531	**AE**	**A2A2**	BB	415/98	439	1350	0.4	-40.4	2712	424	10	260	23	4.1	34	5.2	57
AMBZED LT **OMEGA** ET S3J	316503	**AE**	**A2A2**	BB	407/98	374	1348	0.2	-37.6	3129	455	11	367	27	4.0	44	5.3	71
GLEN LEITH DEGREE **OMNIBUS**	314502	**AE**	**A2A2**	BB	338/98	299	1209	1.6	-37.3	2650	412	7	-151	6	4.0	29	5.6	35
GLEN LEITH AND **QUIZ** S2J	316517	**AE**	**A2A2**	BB	310/97	274	1205	1.2	-43.2	1879	354	9	-145	8	4.1	27	5.5	35
PUKEROA GUN **WALKER** JG	314531	**AE**	A1A2	BB	303/98	300	1206	0.8	-42.8	2478	423	7	-210	11	4.2	22	5.5	33
Jersey Breed Average					279/-	253	1266	1.0	-49				-287	6	4.2	19	5.5	25

	CRV HEALTH						CONFORMATION																
CRV Health Score (%)	Fertility	Body Condition Score	Somantic 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
4	3.6	-0.05	-0.66	0.3	-0.7	-6.2	0.42	0.42	0.26	0.54	0.58	-0.19	-0.51	0.35	-0.14	0.62	0.69	0.42	0.25	-0.1	-0.3	0.7	-0.01
8	-0.2	0.1	-1.07	0.8	-0.3	-10.1	0.51	0.53	0.13	0.6	1.45	0.24	0.19	0.4	-0.38	1.24	0.91	0.93	0.47	1.02	-0.6	1.17	0.43
3	0.8	0	0.21	2.7	1.6	-8	0.64	0.66	0.22	0.56	0.47	0.44	0.42	-0.1	-0.1	0.21	0.06	0.46	0.06	-0.12	-1	0.32	0.43
-2	-3.6	0.05	-0.08	2	0.4	1.9	0.2	0.2	0.01	0.37	0.64	-0.07	-0.6	0.54	-0.13	0.26	0.31	-0.09	0.28	0.03	-0.6	0.27	0.03
2	2.8	-0.12	0.39	5.2	1	-5.7	0.66	0.66	0.48	0.68	1.01	0.21	-0.74	0.6	-0.34	1	0.6	0.9	0.43	1.11	0	0.96	0.37
-1	-15.7	0.04	0.02	-0.7	1	1.2	0.56	0.57	0.18	0.64	0.83	0.69	-0.11	1	-0.21	0.65	0.37	0.74	0.06	0.3	0	0.63	0.91
2	-9.2	0.13	-0.18	1.9	0.3	-4.8	0.19	0.19	0.16	0.3	0.76	0.58	0.03	0.42	0.06	0.94	0.73	0.93	0.17	0.72	-0.6	0.9	0.65
2	-2	0.12	0.78	1.9	1.8	-5.3	0.09	0.1	-0.18	0.24	0.83	0.44	0.41	0.71	-0.14	0.84	0.33	0.89	0.4	0.93	-0.7	0.84	0.7
2	3	-0.09	0.78	0	0.2	-5.2	0.17	0.17	0.09	0.27	0.4	0.67	-0.01	0.37	0.1	0.6	0.25	0.5	0.36	0.76	-0.8	0.58	0.65
-2	-4.7	-0.13	0.41	2.7	0.7	0	0.49	0.51	0.08	0.58	0.65	-0.27	0.09	0.55	-0.31	0.96	0.68	0.68	0.35	0.34	0	0.94	0.09
	-3.2	**0.00**	**0.02**	**1.8**	**0.8**	**-2.4**	**0.22**	**0.22**	**0.05**	**0.31**	**0.97**	**0.18**	**-0.04**	**0.45**	**-0.12**	**0.55**	**0.42**	**0.42**	**0.22**	**0.44**	**-0.22**	**0.54**	**0.33**
5	2.4	0.24	0.64	0.4	-0.1	-2	0.39	0.4	0.01	0.38	0.17	1.14	0.3	0.61	0.16	0.29	0.3	0.23	0.04	-0.17	-0.1	0.32	1.01
1	-1.3	-0.09	0.52	-0.3	-0.4	-1.5	-0.07	-0.07	-0.11	0.08	-0.78	0.64	0.3	0.25	0.11	-0.19	-0.44	0.27	-0.61	-0.3	-0.1	-0.31	0.55
5	8.8	0	-0.27	-0.4	-0.9	-7.6	-0.09	-0.1	0.1	-0.02	0.26	-0.46	0.13	0.48	0.09	-0.06	-0.18	0.05	0.15	0.03	-0.5	0.02	-0.2
-1	-0.6	-0.02	0.02	0.5	0.1	-2.9	0.26	0.27	0.04	0.34	0	-0.52	-0.32	-0.04	-0.04	0.31	-0.02	0.2	0.14	0.26	-0.1	0.24	-0.39
1	2.6	-0.13	0.39	-0.5	-0.5	-3.8	0.21	0.21	0.22	0.22	0.09	0.04	0.21	0.41	0	0.32	0.17	0.24	-0.11	0.19	0.3	0.2	0.32
0	-2.3	0.03	0.25	-1	-0.4	-2.1	0.25	0.25	0.22	0.39	-0.25	0.42	-0.23	0.4	0.02	-0.07	0.08	-0.03	-0.1	-0.16	1.5	-0.05	0.46
2	-2.3	-0.09	-0.49	1.3	1.1	0.2	0.17	0.19	-0.22	0.08	-0.09	-0.07	0.19	0.2	-0.04	0.72	0.54	0.86	0.41	0.41	0	0.88	0.09
3	0.9	-0.08	0.5	1	-0.8	0.9	0.17	0.18	-0.04	0.25	0.44	0.92	-0.37	0.27	0.14	0.76	0.68	0.69	0.41	0.88	-0.5	0.81	0.88
5	2.6	0.1	-0.62	0.1	-0.5	-2.5	0.08	0.09	-0.2	0.11	-0.33	0.32	-0.36	0.17	0.04	0.01	0.35	0.15	-0.04	-0.24	-0.2	0.14	0.18
5	-0.4	0.07	-0.12	-0.5	-1	-5.6	0.51	0.51	0.29	0.59	-0.78	0.45	-0.38	0.12	0.08	0.67	0.42	0.66	0.08	0.38	-0.1	0.62	0.5
5	3.1	0.13	-0.01	1.3	0	-4	0.09	0.09	0.08	0.24	-0.12	0.58	-0.01	0.21	-0.04	0.5	0.37	0.62	0.07	-0.18	-0.4	0.59	0.51
5	0.9	0.11	0.05	-0.7	-0.3	-1.3	0.23	0.21	0.34	0.47	-0.05	0.29	0.26	0.4	-0.01	-0.03	0.29	-0.15	0.09	-0.12	0.4	0.04	0.34
4	6.3	0.04	0.42	-1.5	0.1	-0.6	0.51	0.55	-0.14	0.4	0.37	0.2	-0.1	0.37	0.04	0.02	-0.42	0.31	-0.18	0.48	-0.6	-0.11	0.14
6	4.1	0.17	0.24	0.5	-0.3	-5.2	0.37	0.38	0.03	0.42	0.32	0.49	0.23	0.51	0.09	0.74	0.81	0.58	0.21	0.29	-0.6	0.77	0.53
6	3.9	-0.14	0.19	-2	-1.4	-2.6	0.36	0.36	0.32	0.45	-0.95	0.73	-0.35	0.09	0.2	0.28	0.48	0.57	0.14	-0.33	0.5	0.53	0.49
5	6.6	0.1	0.81	-1.1	-1.2	-4.3	0.33	0.34	0.09	0.29	-0.78	0.17	-0.04	-0.12	0.14	0.69	0.69	0.91	0.24	0.15	-0.3	0.87	0.22
	1.1	**0.00**	**0.08**	**0.1**	**-0.2**	**-3.4**	**0.21**	**0.21**	**0.09**	**0.25**	**-0.13**	**0.34**	**-0.07**	**0.13**	**0.06**	**0.29**	**0.26**	**0.32**	**0.07**	**0.24**	**-0.17**	**0.30**	**0.33**
8	6.1	0.17	-0.49	-1.1	-0.7	-6	0.28	0.29	-0.06	0.34	-0.81	0.73	0.18	-0.17	0.18	0.39	0.64	0.72	0.11	0.1	-0.2	0.6	0.52
9	4.8	0.27	-1.03	-1.9	-1.3	-3.9	0.49	0.5	0.26	0.38	-0.42	0.96	-0.42	-0.12	-0.03	0.09	0.31	0.19	-0.04	-0.44	1	0.21	0.5
6	3.3	-0.13	-0.83	-1	-0.7	-1	0.68	0.72	-0.11	0.54	-0.83	0.46	0.01	-0.32	0.19	0.24	0.54	0.63	0.06	-0.1	1.1	0.48	0.45
6	1.3	-0.05	-0.65	0.5	0	1.6	0.53	0.52	0.4	0.69	-0.55	0.52	-0.06	-0.08	0.07	0.25	0.58	0.63	0.08	-0.17	0.4	0.51	0.62
1	-9	0	-0.11	1.1	-0.8	-2.5	0.47	0.48	0.2	0.39	-1	0.44	-0.23	-0.47	0.2	0.5	0.69	1.13	-0.01	-0.23	0.5	0.8	0.55
6	9.7	-0.02	-0.14	-2.1	-1	-4.7	0.02	0	0.35	0.1	-0.71	0.23	-0.19	0.12	0.18	-0.05	0.22	0.35	-0.11	-0.53	0.2	0.16	0.1
4	5.3	-0.09	-0.23	-1.7	-0.8	-3.7	-0.06	-0.07	-0.01	0.05	-0.8	0.14	-0.37	-0.24	0.13	-0.02	0.06	0.38	-0.2	-0.5	0.6	0.11	0.07
3	3.7	-0.11	-0.33	-2.1	0	-0.4	-0.01	0.03	-0.6	-0.1	-0.66	-0.2	0.37	-0.37	0.01	0.07	-0.29	0.49	0.03	-0.08	0.5	0.18	-0.07
	3.4	**-0.03**	**-0.13**	**-1.8**	**-0.8**	**-1.2**	**0.20**	**0.20**	**0.12**	**0.20**	**-0.89**	**0.26**	**-0.12**	**-0.19**	**0.11**	**0.19**	**0.35**	**0.44**	**0.10**	**-0.09**	**0.08**	**0.37**	**0.24**

CRV making complex breeding decisions simple for Canterbury farmer

A complex Canterbury dairy farming operation has developed a simple breeding ethos with the help of CRV to drive productivity and sustainability.

Their advice to other farmers: Use sexed semen on your best cows to breed the herd you want faster and use beef semen on the balance of your herd to produce a high-value dairy-beef calf.

Arjan Van't Klooster, his wife Kelsi, and two boys Kees (4) and Finn (1) farm 3,500 cows across three dairy farms near Glenavy in Canterbury, supplying Fonterra. They share milk 1,450 cows on one 360-ha farm, own a herd of 950 cows milked on a 270-ha platform, and have share milkers milking the third herd of 1350 cows on another 360-ha property.

They average 450 to 550kgMS per cow across the farms. Arjan says the lower production farm of 450kgMS is a system three, while the higher producing farms averaging between 500kgMS and 550kgMS are between a system four and five.

Using CRV genetics Arjan says their goal is to breed a cow around 500 to 550kgs that can do 100 percent of her body weight in production. Given their systems' high feed inputs, efficiency is key in everything they do.

"We found our genetics were starting to make our herds a bit too big. We had an average live weight of 670kgs for a while which is much less efficient. We also found the bigger Friesians were breaking down, so we have started to pull that size back to meet our goal," says Arjan.

For the first three weeks of mating, they artificially inseminate about 60 percent of the total herd with sexed semen, choosing their best-producing cows and heifers that meet their type requirements for breeding replacements. They then use dairy beef semen, transitioning to Wagyu, and finally a short gestation beef on the balance of the herd. The total mating period takes about nine weeks.

"Using dairy beef and the Wagyu bulls gives us a high-value dairy-beef calf and reduces our number of bobby calves so there is less waste and better animal welfare," says Arjan.

"We focus on the efficiency and fertility of our herd to minimise waste on our system and that's a big driver for using sexed semen. We can drive that genetic gain in our herds by using specific bulls for our top genetic cows and heifers so we can be assured of no bobbies."

He says they have been maintaining and improving production each year, even as they have seen their cow size reduce to around 550kgs.

"We've done a few things on the farms as we have looked to drive efficiency. But in terms of maintaining and growing our production, I would put that purely down to the genetics we're getting from CRV."

Arjan says they have no real concerns about their in-calf rate using sexed semen. They use cow collars on all the herds, except their heifers where they use Estrotect™ breeding indicators.

"The collars and Estrotect patches have been great for clearly identifying cows and heifers in heat and ready for mating," says Arjan.

Their herds of 950 cows and 1,350 cows are also part of CRV's progeny testing programme, which Arjan says has been instrumental in identifying high-quality bulls for those herds. It also means their entire herds are DNA tested so they can be sure of the genetics they have.

Arjan says being part of CRV's progeny testing programme means the stress of choosing bulls is removed and they get a good selection of high-quality bulls. However, he does nominate sires for his heifers.

"I nominate the bulls that go over the heifers because I don't want a heavy calving bull," says Arjan. "For the heifers it's 100 per cent nominated sexed semen straws because those heifers are going to give me my quickest genetic gain.

"Overall, our experience with CRV has been excellent. CRV is playing a crucial role in driving genetic improvement across our herds and ultimately contributing to our farms' success."

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**

Global dairy beef specialty breeds

Elite genetics to maximise your dairy beef breeding goal

ANGUS

BELGIAN BLUE

HEREFORD

CHAROLAIS

LIMOUSIN

WAGYU

BULLSEYE BLUE MIX

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.**

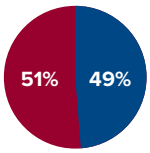
The genetic base cow is the average of a group of well-recorded New Zealand cows (across all breeds) and is updated every five years to reflect genetic progress. BW and BVs are now expressed relative to this genetic base.

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

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.

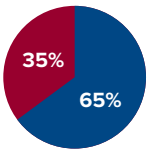
BREEDING VALUES

New Zealand Merit Index - **NZMI**



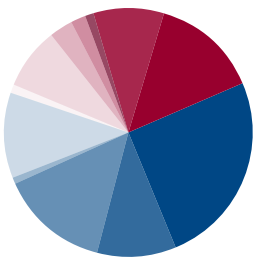
- A desired gains index with focus on the future.
- Health traits will become more relevant and therefore have a higher weighting with NZMI.
- NZMI includes many of the same traits as BW and with the inclusion of key functional traits (Overall Opinion, Capacity, Rump Angle and Calving Difficulty) can 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.

New Zealand Merit Index - **NZMI**



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

BREEDING INDICATORS

NZMI

LOW — HIGH

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

LOW — HIGH

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

TOTAL LONGEVITY

LOW — HIGH

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

LOW — 500 kgs — HIGH

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 %

LOW — HIGH

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

CRV EFFICIENCY %

LOW — HIGH

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

PRODUCTION

MILK (LTS)

LOW — 4595 ltr — HIGH

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)

LOW — 218 kg — HIGH

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

LOW — 218 kg — HIGH

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

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)

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

SOMATIC CELLS SCORE (SCS)

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

CALVING DIFFICULTY (HFR CD, COW CD)

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

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

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

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.

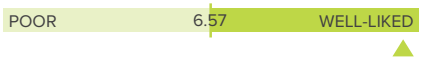
SHED TEMPERAMENT

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

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



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

CONFORMATION

STATURE

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

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

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

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

REAR UDDER

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

FRONT TEAT

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.

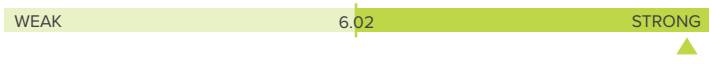
RUMP WIDTH

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

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



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

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

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

UDDER OVERALL

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

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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